

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020525\
 Data File : VN085690.D
 Acq On : 05 Feb 2025 20:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 06 00:48:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/07/2025
 Supervised By : Mahesh Dadoda 02/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	198205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	350920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	309488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	151716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126619	39.575	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	79.160%		
35) Dibromofluoromethane	8.159	113	105201	43.212	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.420%		
50) Toluene-d8	10.565	98	385305	44.545	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.080%		
62) 4-Bromofluorobenzene	12.847	95	132706	44.850	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	89.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	159041	59.263	ug/l	100
3) Chloromethane	2.359	50	148581	51.135	ug/l	98
4) Vinyl Chloride	2.512	62	184214	63.074	ug/l	98
5) Bromomethane	2.942	94	109693	62.179	ug/l	100
6) Chloroethane	3.112	64	105430	56.939	ug/l	97
7) Trichlorofluoromethane	3.495	101	220609	52.059	ug/l	100
8) Diethyl Ether	3.959	74	76963	52.572	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	128937	54.020	ug/l	96
10) Methyl Iodide	4.589	142	170972	62.550	ug/l	93
11) Tert butyl alcohol	5.518	59	99118	270.550	ug/l	99
12) 1,1-Dichloroethene	4.336	96	124788	58.663	ug/l	90
13) Acrolein	4.171	56	105381	210.716	ug/l	99
14) Allyl chloride	5.024	41	157984	45.769	ug/l	96
15) Acrylonitrile	5.712	53	306301	263.220	ug/l	99
16) Acetone	4.424	43	239379	231.560	ug/l	95
17) Carbon Disulfide	4.706	76	362977	55.420	ug/l	98
18) Methyl Acetate	5.024	43	147289	46.855	ug/l	92
19) Methyl tert-butyl Ether	5.795	73	392602	56.840	ug/l	98
20) Methylene Chloride	5.271	84	140249	54.802	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	126162	55.496	ug/l	93
22) Diisopropyl ether	6.671	45	380980	49.727	ug/l	97
23) Vinyl Acetate	6.600	43	1409012	262.792	ug/l	96
24) 1,1-Dichloroethane	6.565	63	241507	51.697	ug/l	98
25) 2-Butanone	7.477	43	377001	247.818	ug/l	91
26) 2,2-Dichloropropane	7.489	77	185777	49.187	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	152209	56.845	ug/l	90
28) Bromochloromethane	7.806	49	84937	39.080	ug/l	88
29) Tetrahydrofuran	7.836	42	250130	259.337	ug/l	89
30) Chloroform	7.965	83	246668	51.088	ug/l	99
31) Cyclohexane	8.253	56	194664	47.942	ug/l	88
32) 1,1,1-Trichloroethane	8.165	97	222288	52.486	ug/l	96
36) 1,1-Dichloropropene	8.365	75	178168	52.145	ug/l	98
37) Ethyl Acetate	7.559	43	156923	45.501	ug/l	97
38) Carbon Tetrachloride	8.359	117	195203	49.903	ug/l	95
39) Methylcyclohexane	9.600	83	179836	56.010	ug/l	96
40) Benzene	8.600	78	556024	54.160	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	84455	47.069	ug/l	93
42) 1,2-Dichloroethane	8.665	62	181308	46.891	ug/l	97
43) Isopropyl Acetate	8.683	43	290372	52.545	ug/l	98
44) Trichloroethene	9.347	130	124742	52.198	ug/l	95
45) 1,2-Dichloropropane	9.618	63	133381	50.864	ug/l	100
46) Dibromomethane	9.706	93	95637	50.544	ug/l	97
47) Bromodichloromethane	9.882	83	195318	50.667	ug/l	99
48) Methyl methacrylate	9.677	41	122951	49.440	ug/l	91
49) 1,4-Dioxane	9.688	88	47680	1138.525	ug/l #	91
51) 4-Methyl-2-Pentanone	10.441	43	795585	248.098	ug/l	93
52) Toluene	10.630	92	344970	57.992	ug/l	98
53) t-1,3-Dichloropropene	10.829	75	195902	53.775	ug/l	95
54) cis-1,3-Dichloropropene	10.306	75	211641	54.388	ug/l	92
55) 1,1,2-Trichloroethane	11.012	97	126606	53.781	ug/l	98
56) Ethyl methacrylate	10.871	69	197311	49.765	ug/l	91
57) 1,3-Dichloropropane	11.159	76	217138	53.046	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	471263	315.455	ug/l	97
59) 2-Hexanone	11.194	43	577334	255.870	ug/l	91
60) Dibromochloromethane	11.359	129	150196	52.847	ug/l	99
61) 1,2-Dibromoethane	11.465	107	126249	53.876	ug/l	99
64) Tetrachloroethene	11.100	164	106010	50.244	ug/l	98
65) Chlorobenzene	11.888	112	364846	53.813	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	126908	51.001	ug/l	99
67) Ethyl Benzene	11.959	91	631332	57.172	ug/l	97
68) m/p-Xylenes	12.065	106	491473	120.425	ug/l	95
69) o-Xylene	12.394	106	233863	59.961	ug/l	97
70) Styrene	12.406	104	396550	61.435	ug/l	96
71) Bromoform	12.576	173	97205	54.596	ug/l #	99
73) Isopropylbenzene	12.694	105	583338	56.969	ug/l	99
74) N-amyl acetate	12.488	43	231247	50.244	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	184091	50.896	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	141966m	46.038	ug/l	
77) Bromobenzene	12.976	156	140601	52.557	ug/l	95
78) n-propylbenzene	13.035	91	681047	56.183	ug/l	99
79) 2-Chlorotoluene	13.123	91	415289	52.935	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	477849	56.497	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	62601m	54.925	ug/l	
82) 4-Chlorotoluene	13.218	91	413822	52.977	ug/l	97
83) tert-Butylbenzene	13.435	119	397023	55.897	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	486107	57.665	ug/l	98
85) sec-Butylbenzene	13.612	105	558908	56.776	ug/l	100
86) p-Isopropyltoluene	13.723	119	459479	51.626	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	257412	52.248	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	255729	50.078	ug/l	98
89) n-Butylbenzene	14.053	91	381518	54.022	ug/l	100
90) Hexachloroethane	14.329	117	90305	48.187	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	249573	50.785	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32958	49.899	ug/l	91
93) 1,2,4-Trichlorobenzene	15.388	180	115122	50.403	ug/l	98
94) Hexachlorobutadiene	15.500	225	52907	43.631	ug/l	97
95) Naphthalene	15.635	128	385152	56.510	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	113989	49.323	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

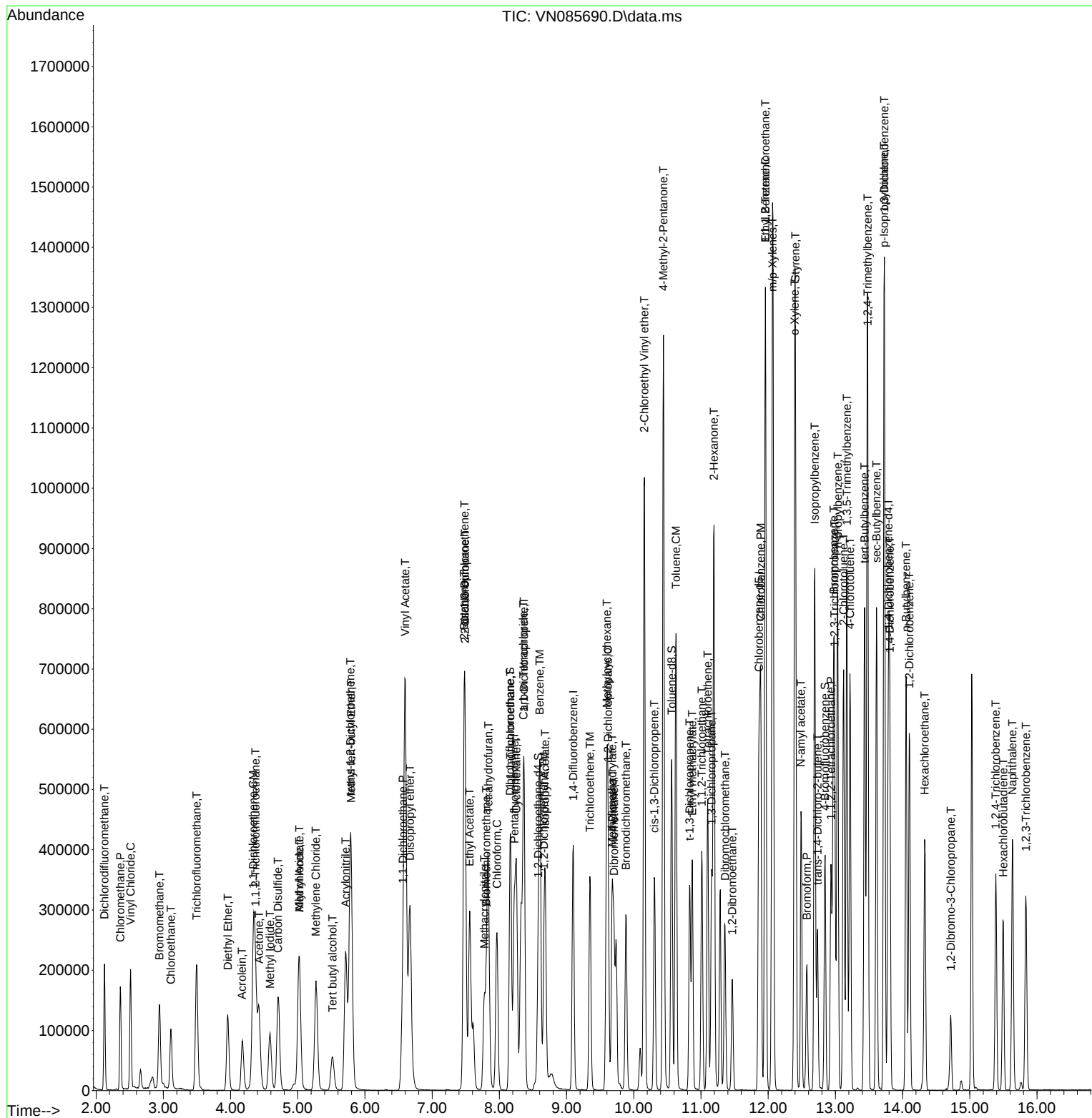
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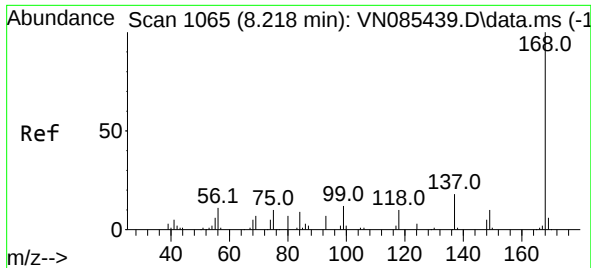
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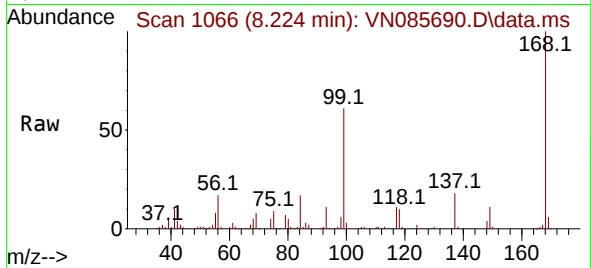
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085690.D
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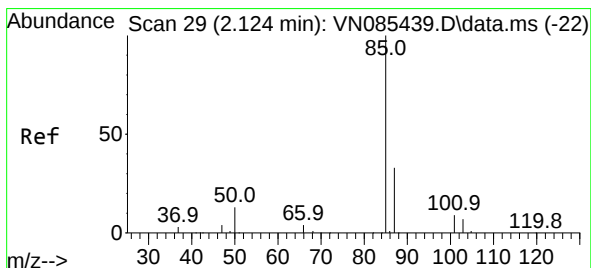
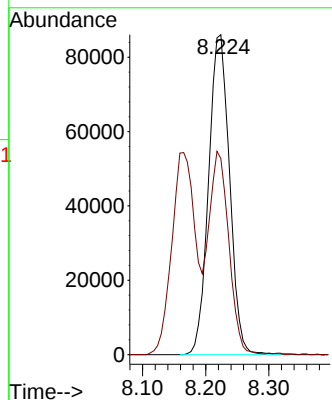
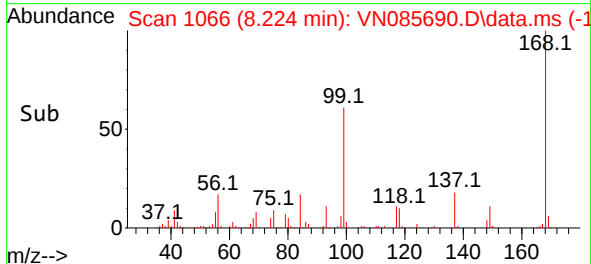
Instrument :
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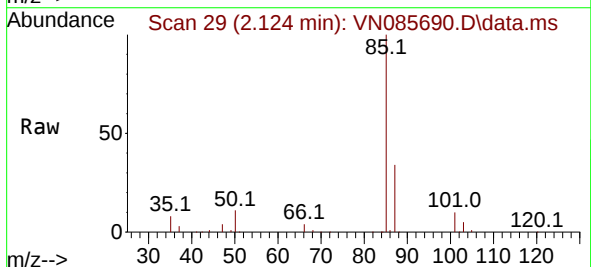
Tgt Ion:168 Resp: 19820
Ion Ratio Lower Upper
168 100
99 60.8 53.6 80.4

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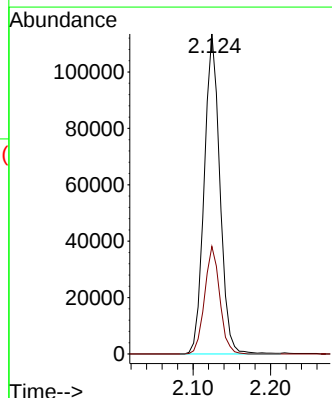
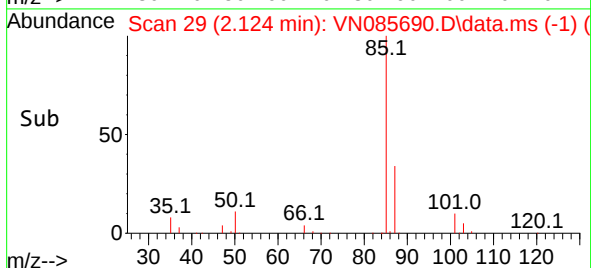
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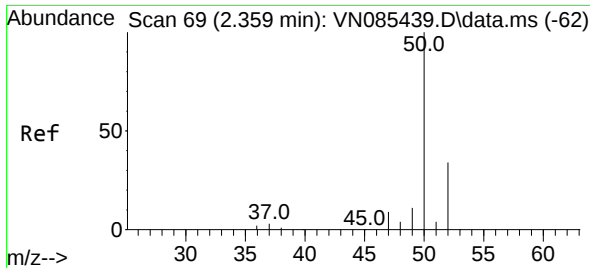


#2
Dichlorodifluoromethane
Concen: 59.263 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23



Tgt Ion: 85 Resp: 159041
Ion Ratio Lower Upper
85 100
87 33.6 16.7 50.1





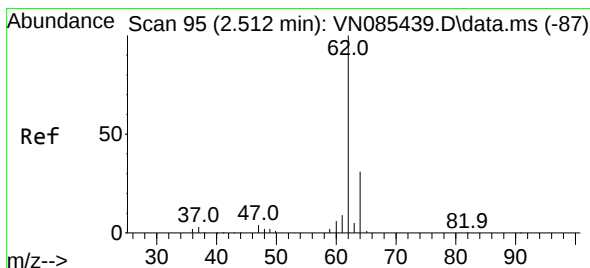
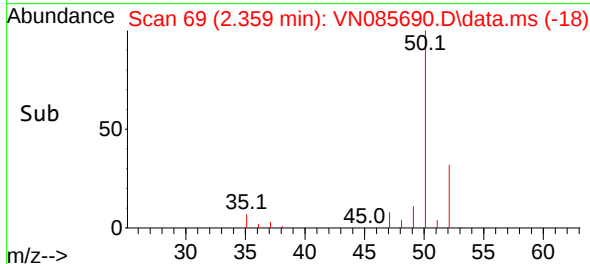
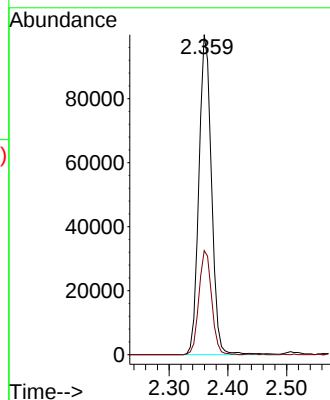
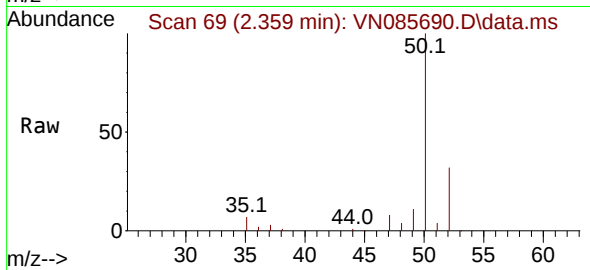
#3
Chloromethane
Concen: 51.135 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

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Tgt Ion: 50 Resp: 14858
Ion Ratio Lower Upper
50 100
52 32.5 27.0 40.6

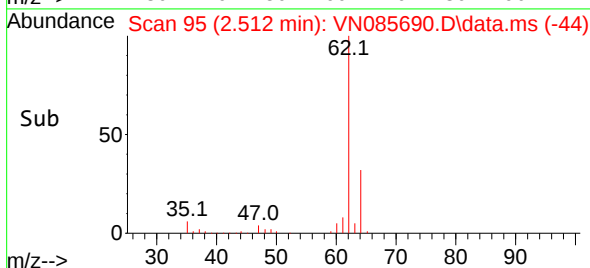
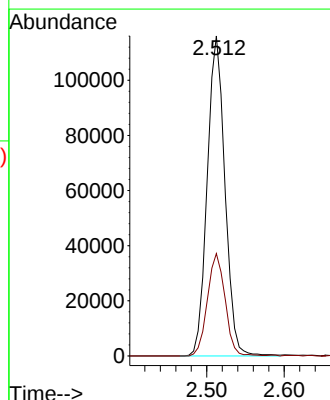
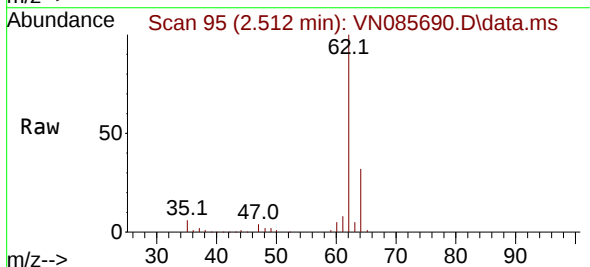
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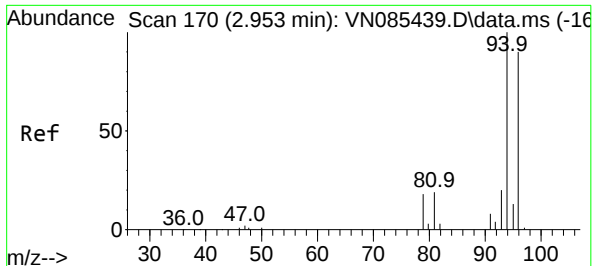
Reviewed By :John Carlone 02/07/2025
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#4
Vinyl Chloride
Concen: 63.074 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

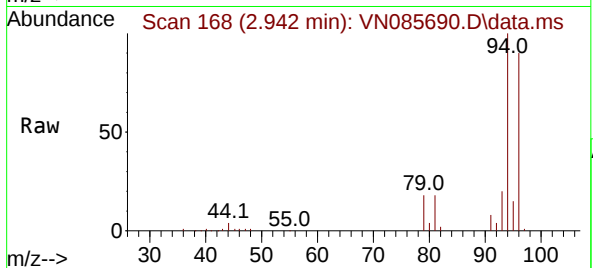
Tgt Ion: 62 Resp: 184214
Ion Ratio Lower Upper
62 100
64 32.0 24.8 37.2





#5
Bromomethane
Concen: 62.179 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

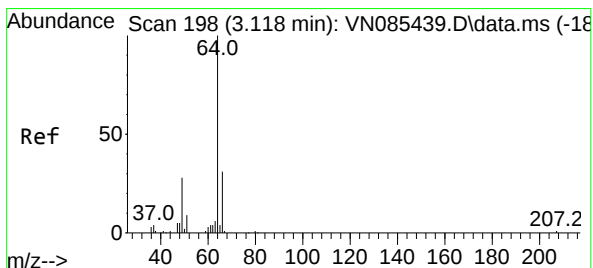
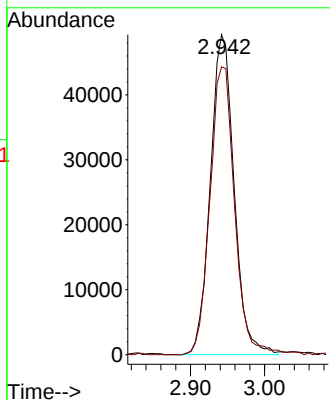
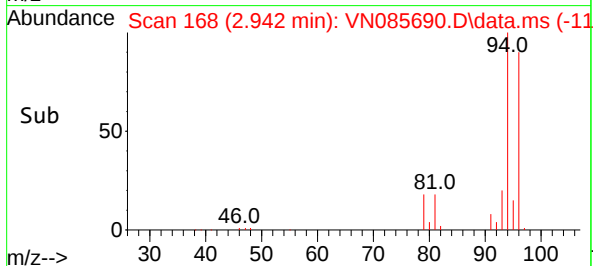
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Tgt Ion: 94 Resp: 10969
Ion Ratio Lower Upper
94 100
96 89.9 71.8 107.6

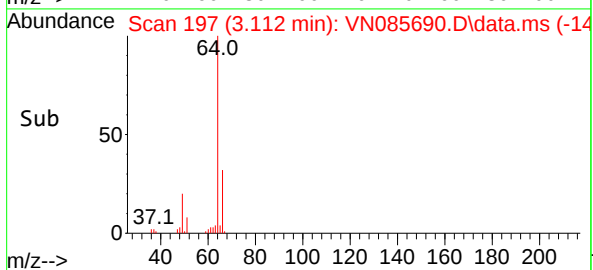
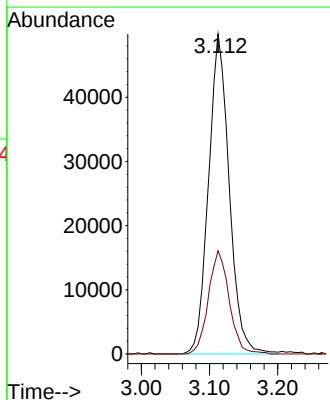
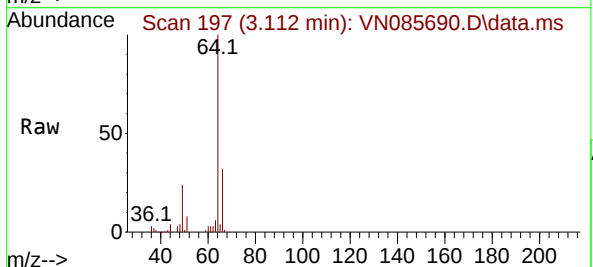
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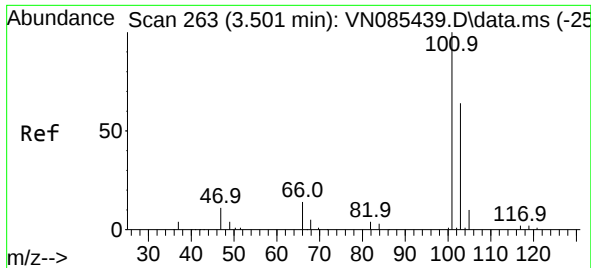
Reviewed By :John Carlone 02/07/2025
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#6
Chloroethane
Concen: 56.939 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

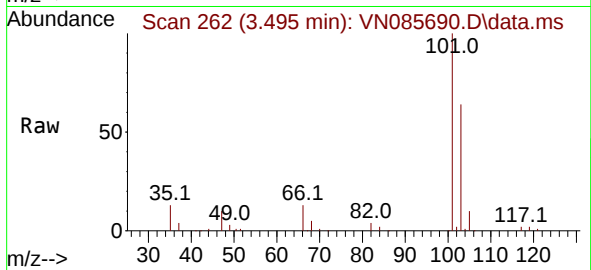
Tgt Ion: 64 Resp: 105430
Ion Ratio Lower Upper
64 100
66 32.2 24.6 36.8





#7
Trichlorofluoromethane
Concen: 52.059 ug/l
RT: 3.495 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

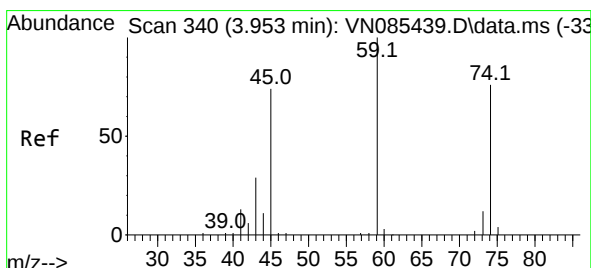
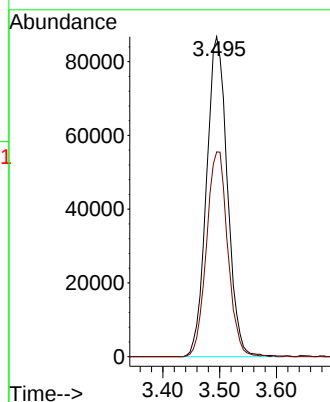
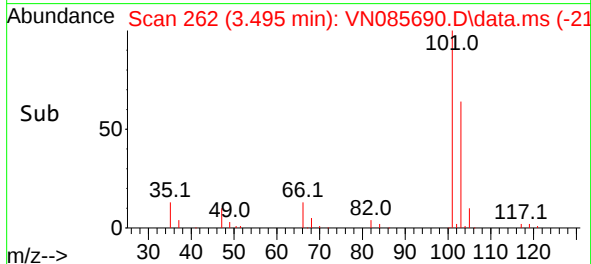
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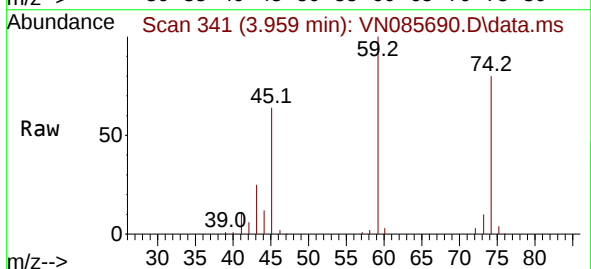
Tgt Ion:101 Resp: 220609
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.2

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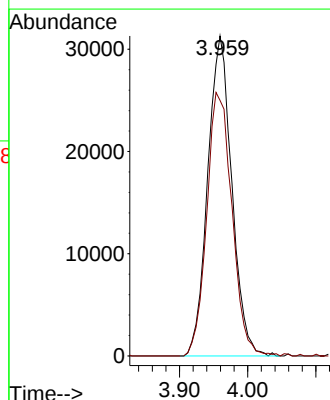
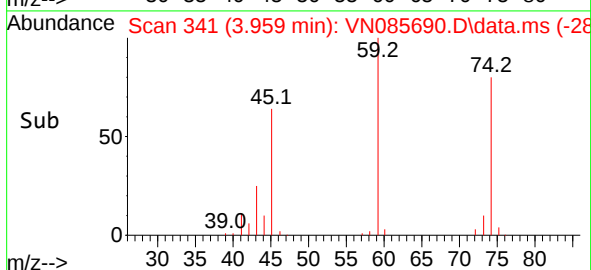
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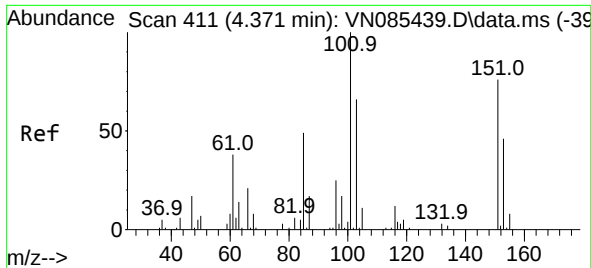


#8
Diethyl Ether
Concen: 52.572 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23



Tgt Ion: 74 Resp: 76963
Ion Ratio Lower Upper
74 100
45 86.4 49.7 149.1





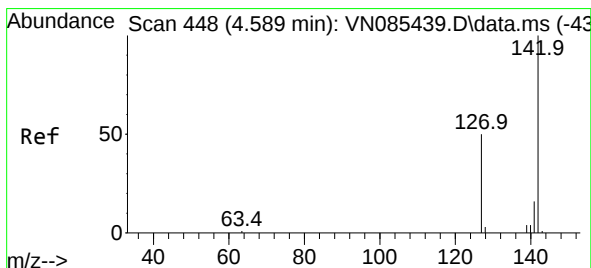
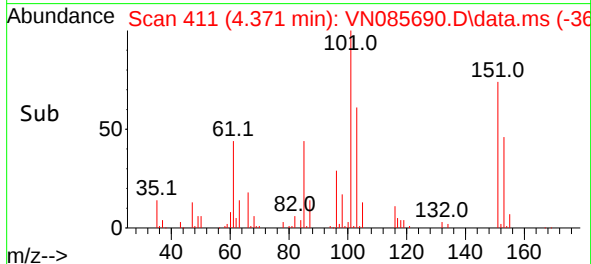
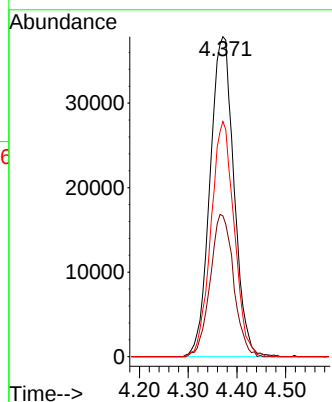
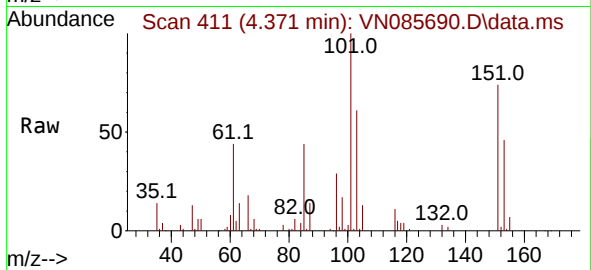
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.020 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 12893
Ion Ratio Lower Upper
101 100
85 43.4 37.8 56.8
151 71.5 58.8 88.2

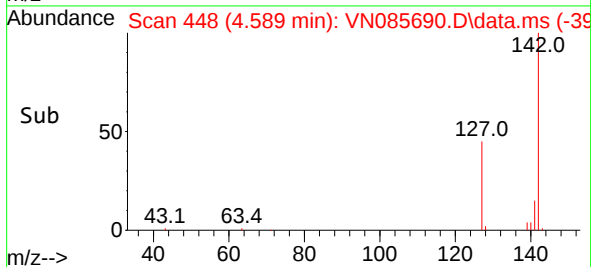
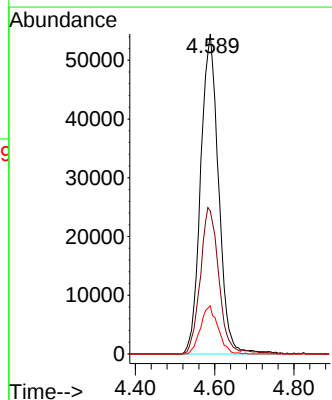
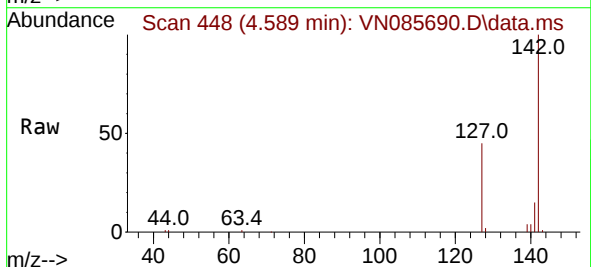
Manual Integrations
APPROVED

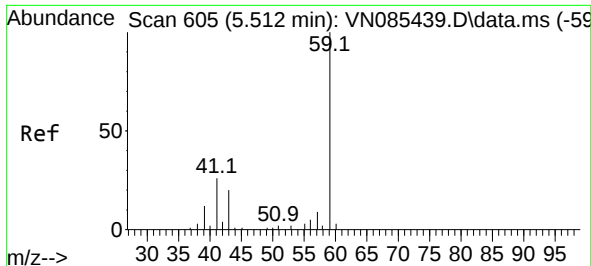
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#10
Methyl Iodide
Concen: 62.550 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

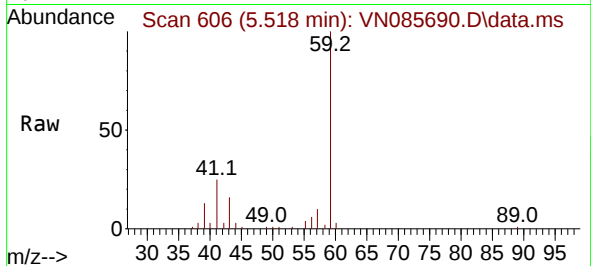
Tgt Ion:142 Resp: 170972
Ion Ratio Lower Upper
142 100
127 44.7 40.3 60.5
141 15.1 12.8 19.2





#11
Tert butyl alcohol
Concen: 270.550 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

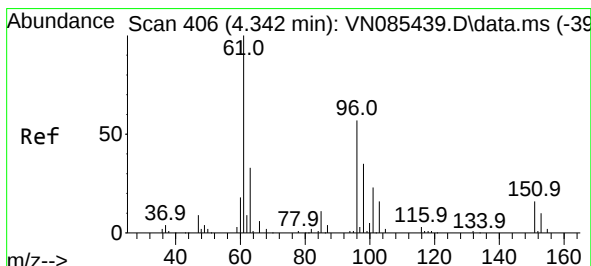
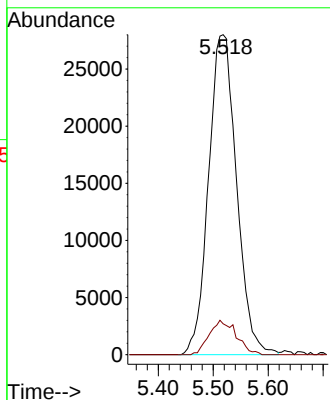
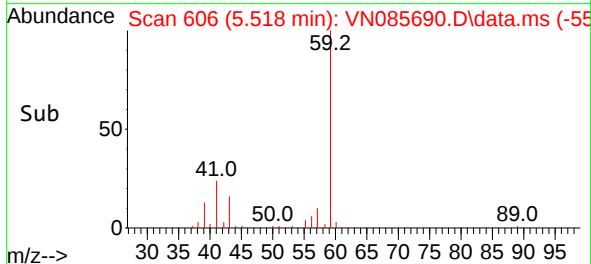
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



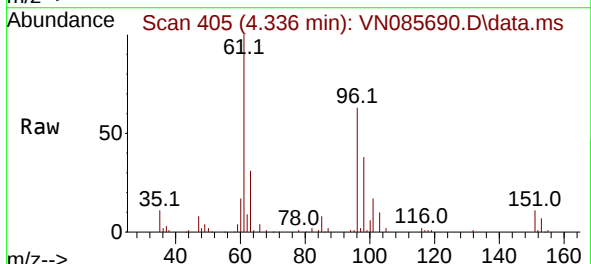
Tgt Ion: 59 Resp: 99118
Ion Ratio Lower Upper
59 100
57 10.4 8.6 13.0

Manual Integrations
APPROVED

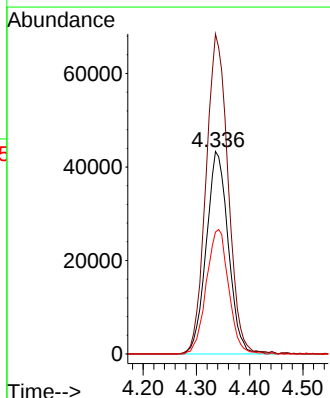
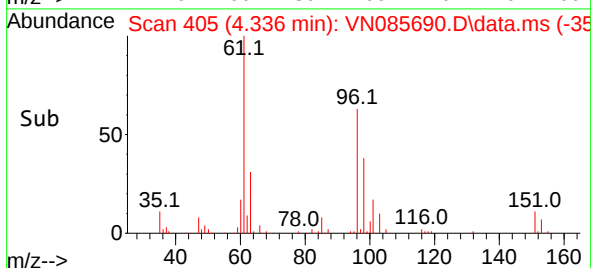
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

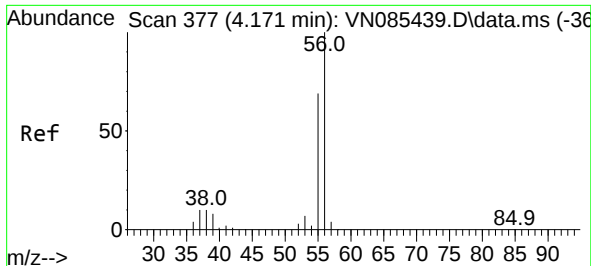


#12
1,1-Dichloroethene
Concen: 58.663 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23



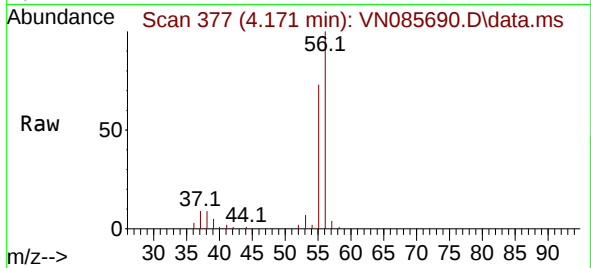
Tgt Ion: 96 Resp: 124788
Ion Ratio Lower Upper
96 100
61 158.0 141.0 211.4
98 60.2 49.0 73.6





#13
Acrolein
Concen: 210.716 ug/l
RT: 4.171 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

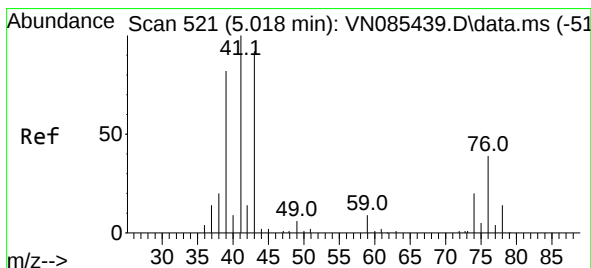
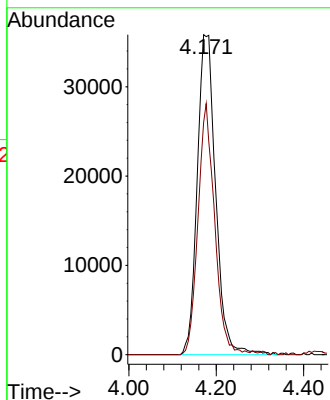
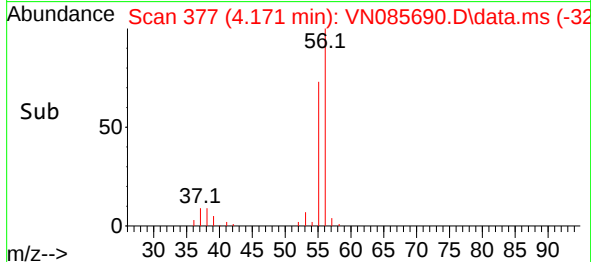
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 10538
Ion Ratio Lower Upper
56 100
55 70.8 56.3 84.5

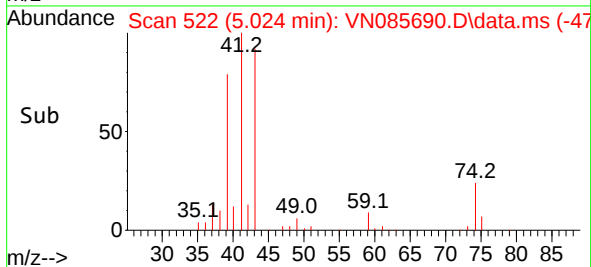
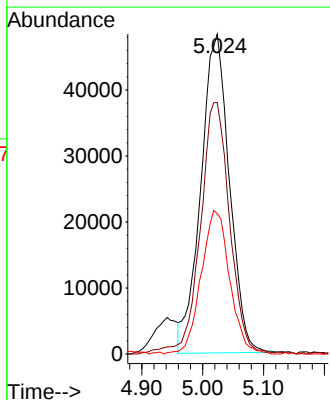
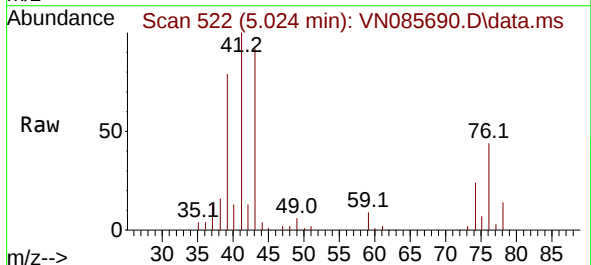
Manual Integrations
APPROVED

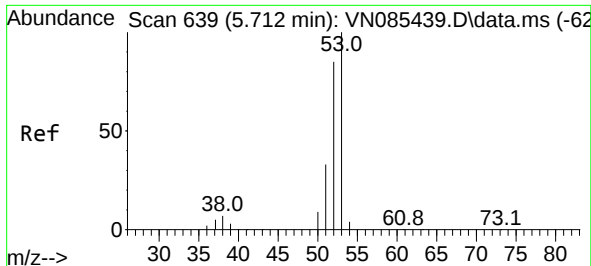
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#14
Allyl chloride
Concen: 45.769 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

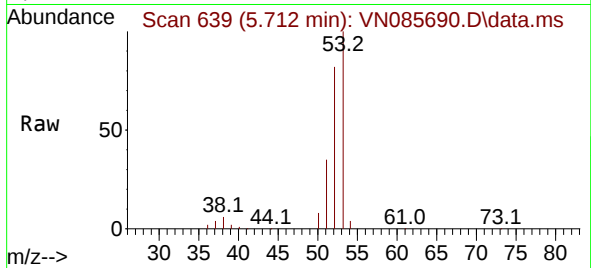
Tgt Ion: 41 Resp: 157984
Ion Ratio Lower Upper
41 100
39 80.7 64.4 96.6
76 44.8 30.5 45.7





#15
Acrylonitrile
Concen: 263.220 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

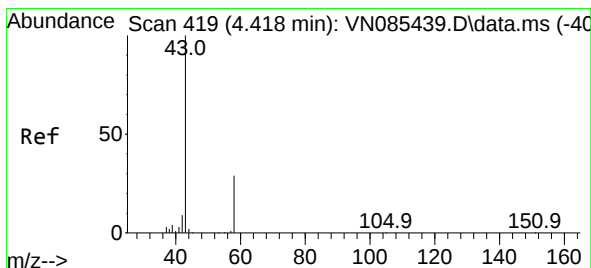
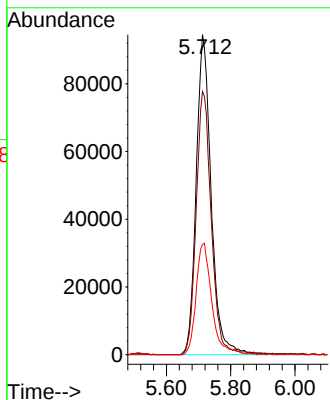
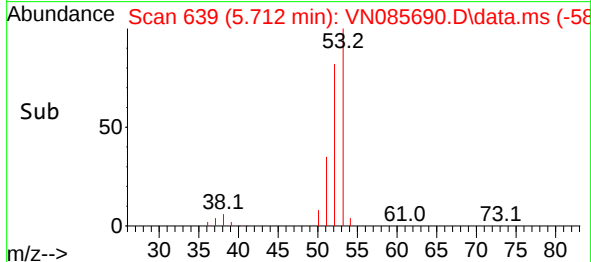
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



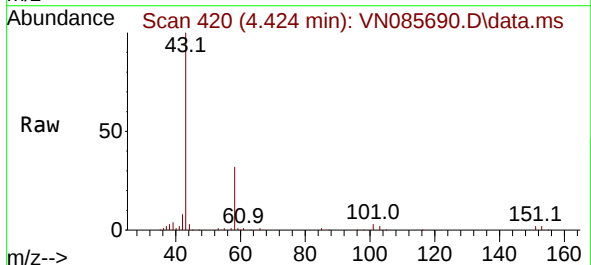
Tgt Ion: 53 Resp: 30630
Ion Ratio Lower Upper
53 100
52 82.7 65.5 98.3
51 36.3 29.8 44.8

Manual Integrations
APPROVED

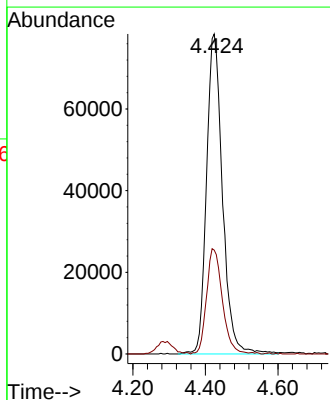
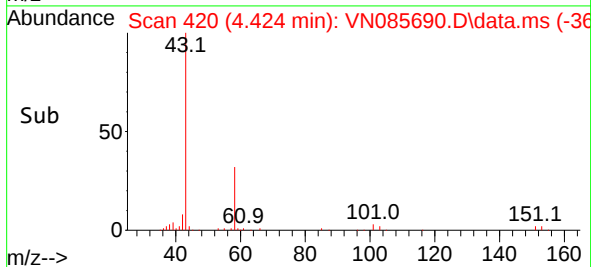
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

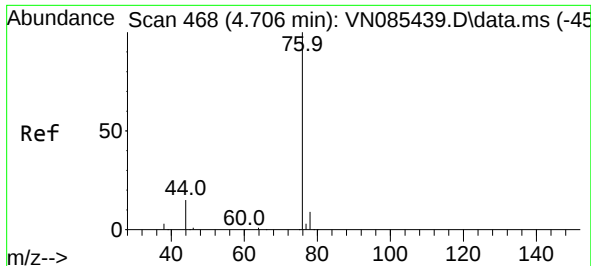


#16
Acetone
Concen: 231.560 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23



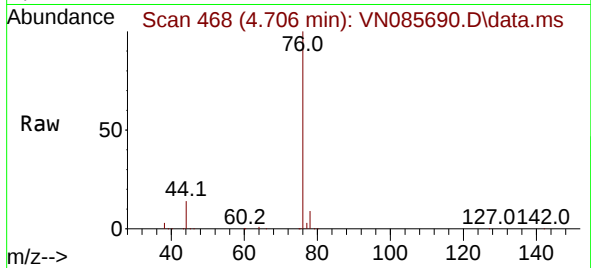
Tgt Ion: 43 Resp: 239379
Ion Ratio Lower Upper
43 100
58 32.5 23.8 35.6





#17
Carbon Disulfide
Concen: 55.420 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

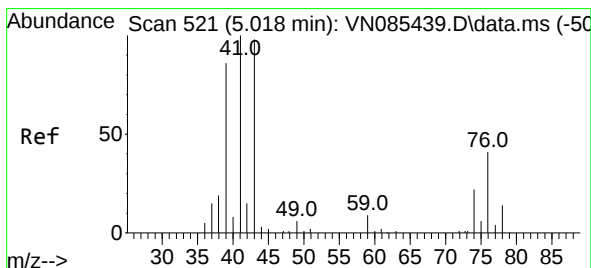
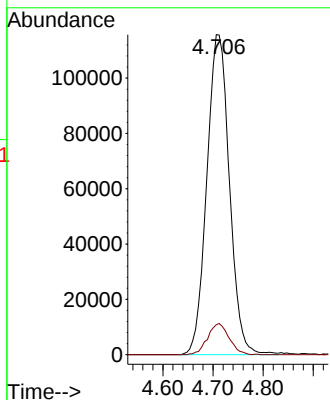
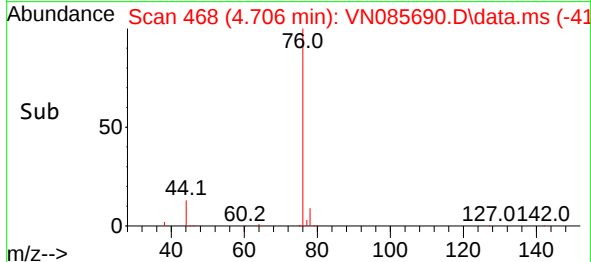
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 36297
Ion Ratio Lower Upper
76 100
78 9.4 6.9 10.3

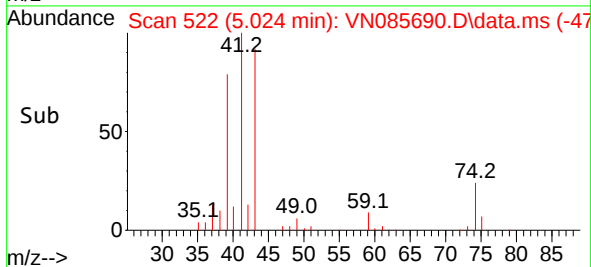
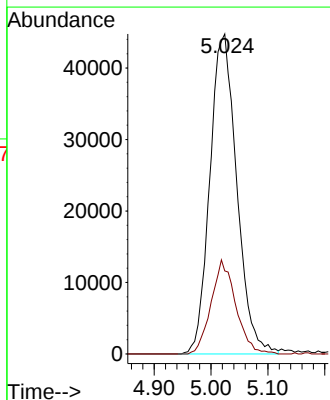
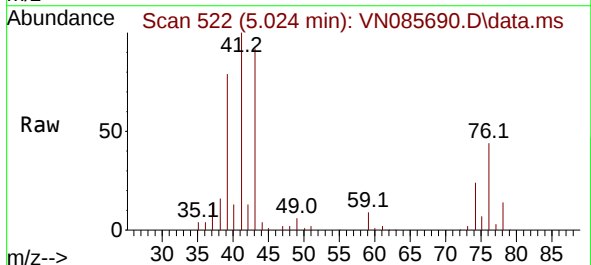
Manual Integrations
APPROVED

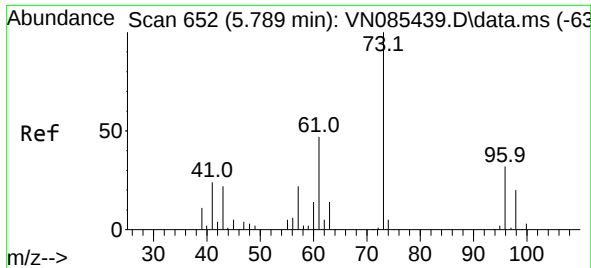
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#18
Methyl Acetate
Concen: 46.855 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

Tgt Ion: 43 Resp: 147289
Ion Ratio Lower Upper
43 100
74 27.0 18.6 28.0





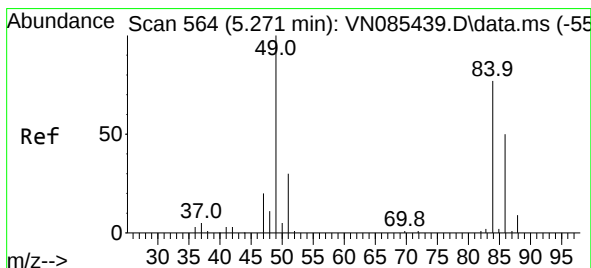
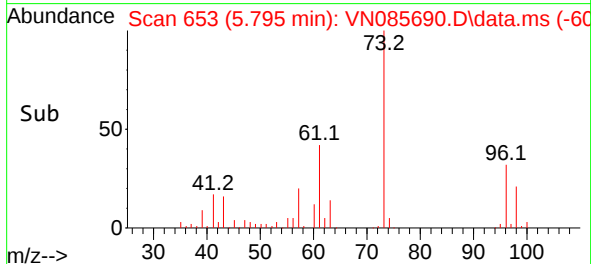
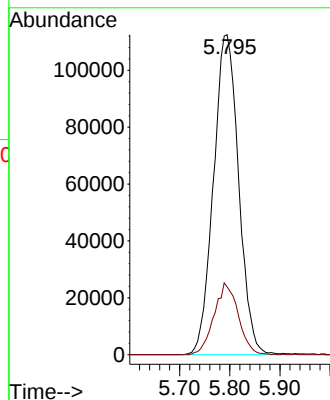
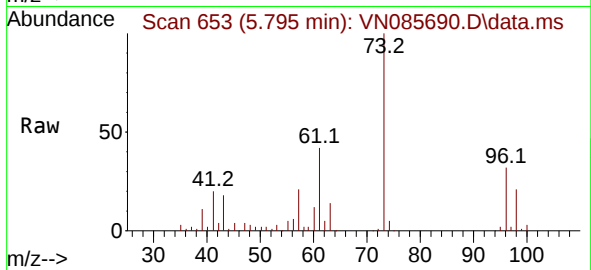
#19
Methyl tert-butyl Ether
Concen: 56.840 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 392602
Ion Ratio Lower Upper
73 100
57 21.2 17.8 26.8

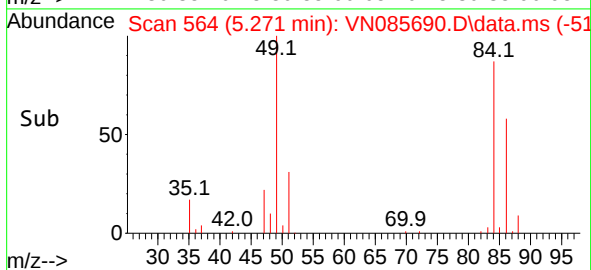
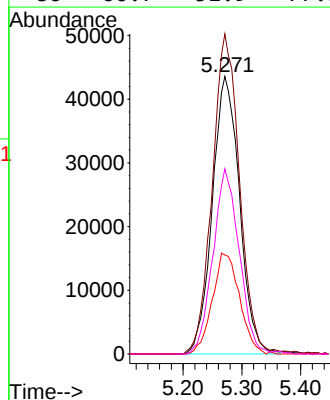
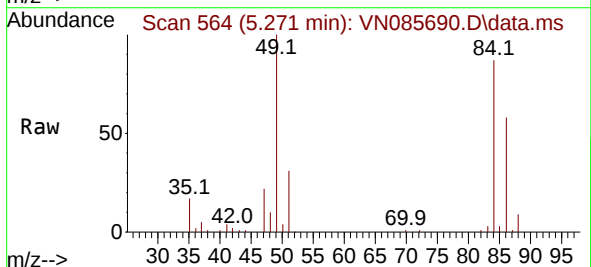
Manual Integrations
APPROVED

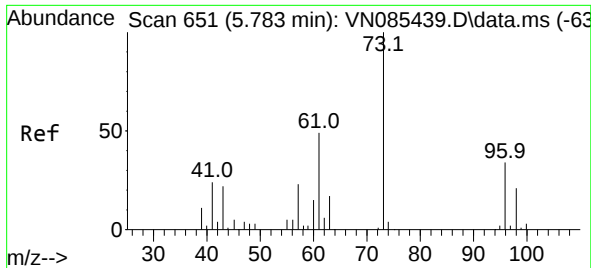
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#20
Methylene Chloride
Concen: 54.802 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

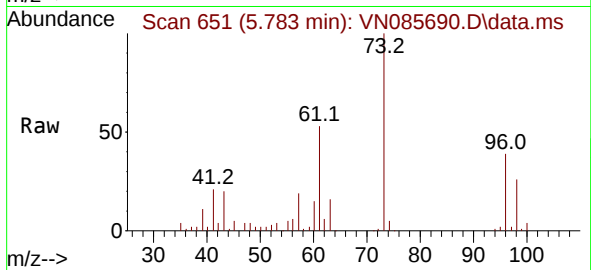
Tgt Ion: 84 Resp: 140249
Ion Ratio Lower Upper
84 100
49 115.3 104.1 156.1
51 35.7 31.0 46.4
86 66.7 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 55.496 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

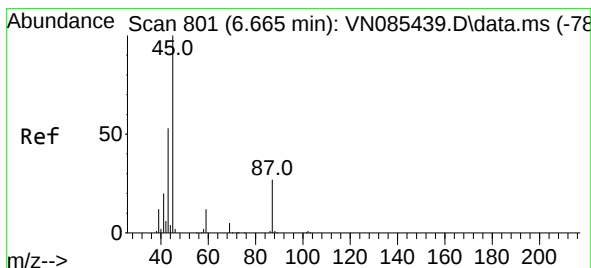
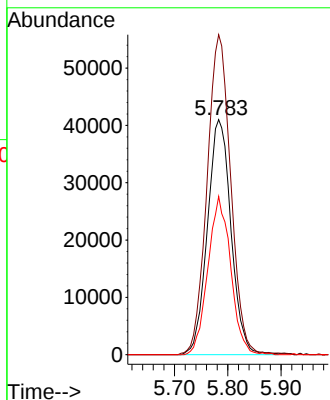
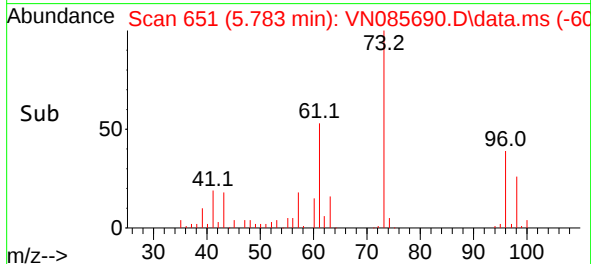
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 126162
Ion Ratio Lower Upper
96 100
61 136.1 115.7 173.5
98 67.3 49.8 74.8

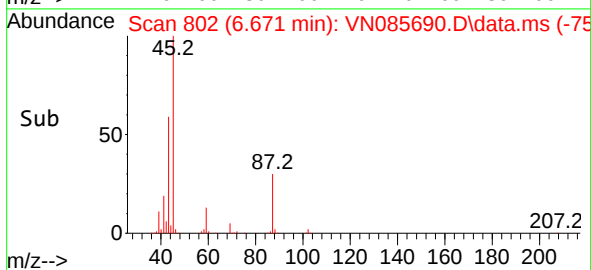
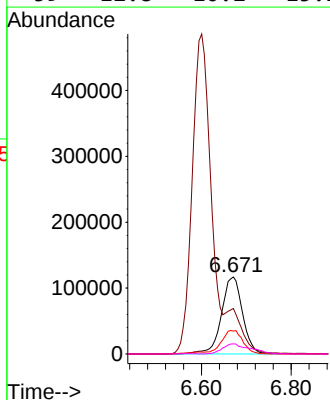
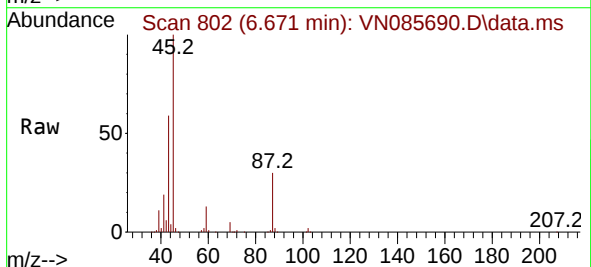
Manual Integrations
APPROVED

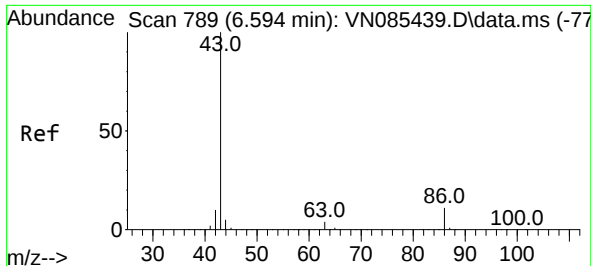
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#22
Diisopropyl ether
Concen: 49.727 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

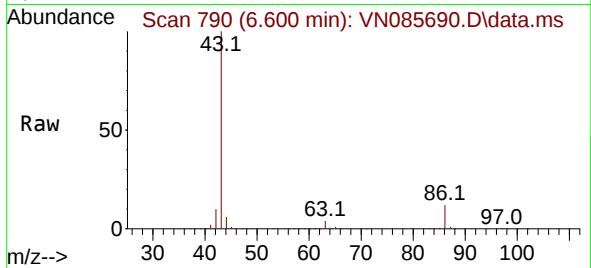
Tgt Ion: 45 Resp: 380980
Ion Ratio Lower Upper
45 100
43 57.9 45.0 67.6
87 29.6 21.8 32.8
59 12.8 10.2 15.2





#23
 Vinyl Acetate
 Concen: 262.792 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085690.D
 Acq: 05 Feb 2025 20:23

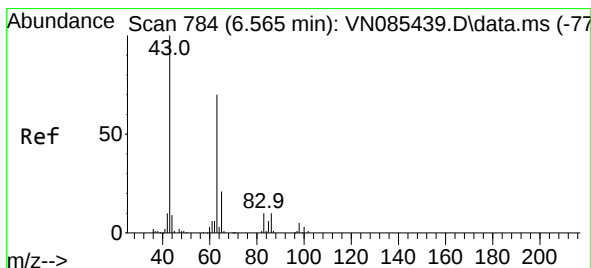
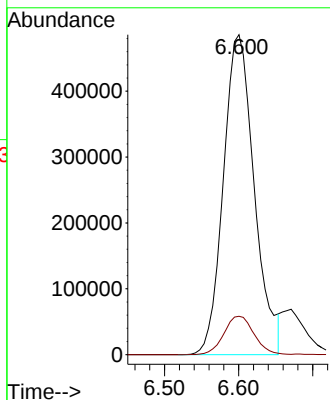
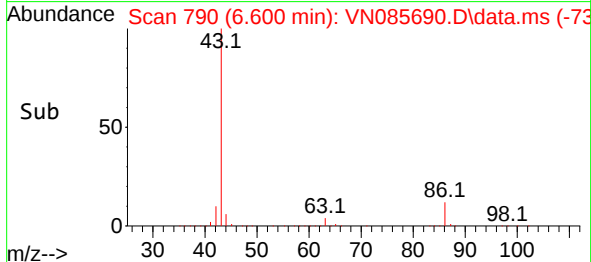
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



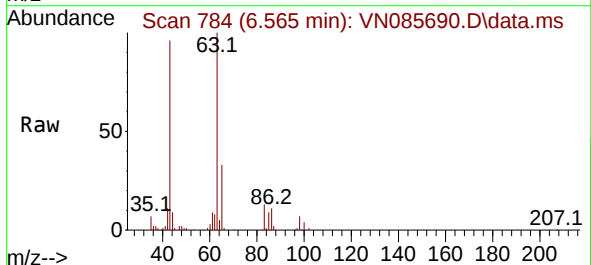
Tgt Ion: 43 Resp: 140901
 Ion Ratio Lower Upper
 43 100
 86 12.0 8.4 12.6

Manual Integrations
 APPROVED

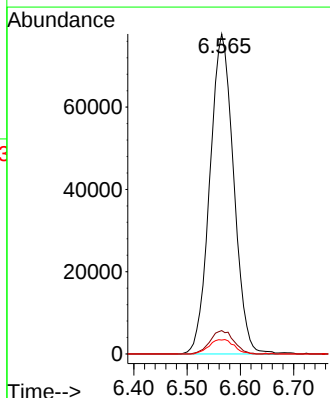
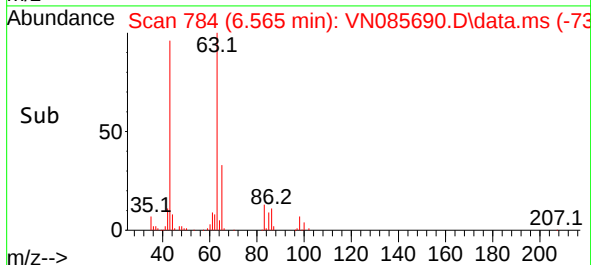
Reviewed By :John Carlone 02/07/2025
 Supervised By :Mahesh Dadoda 02/07/2025

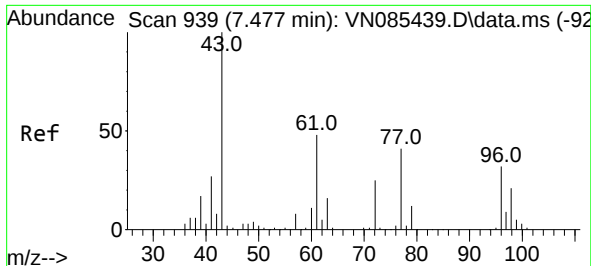


#24
 1,1-Dichloroethane
 Concen: 51.697 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085690.D
 Acq: 05 Feb 2025 20:23



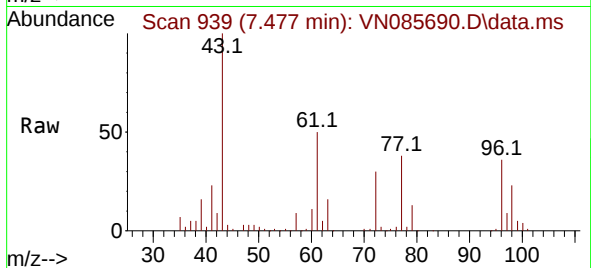
Tgt Ion: 63 Resp: 241507
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.8
 100 4.4 2.0 6.0





#25
2-Butanone
Concen: 247.818 ug/l
RT: 7.477 min Scan# 910
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

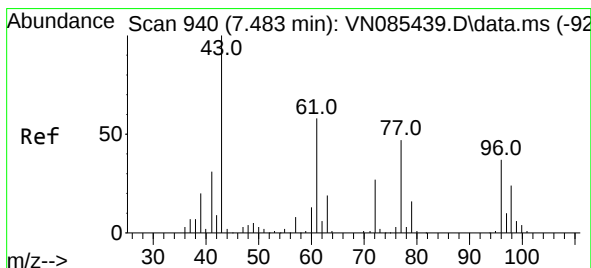
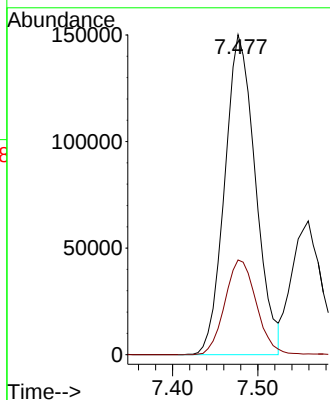
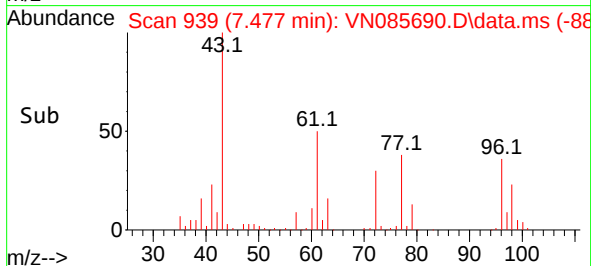
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



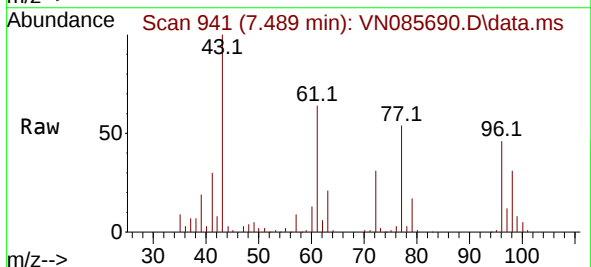
Tgt Ion: 43 Resp: 37700
Ion Ratio Lower Upper
43 100
72 29.6 20.2 30.4

Manual Integrations
APPROVED

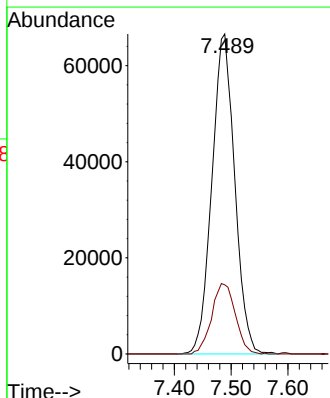
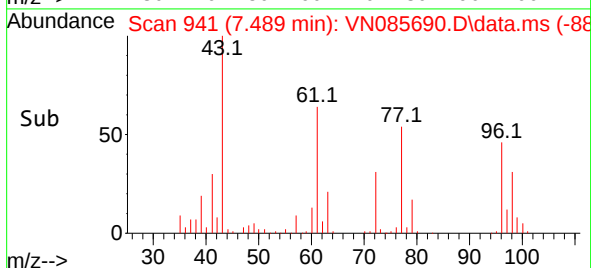
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

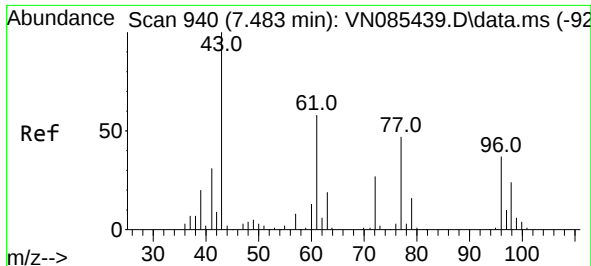


#26
2,2-Dichloropropane
Concen: 49.187 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23



Tgt Ion: 77 Resp: 185777
Ion Ratio Lower Upper
77 100
97 22.8 10.7 32.1





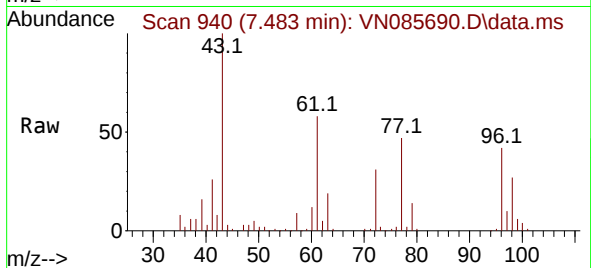
#27
 cis-1,2-Dichloroethene
 Concen: 56.845 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085690.D
 Acq: 05 Feb 2025 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

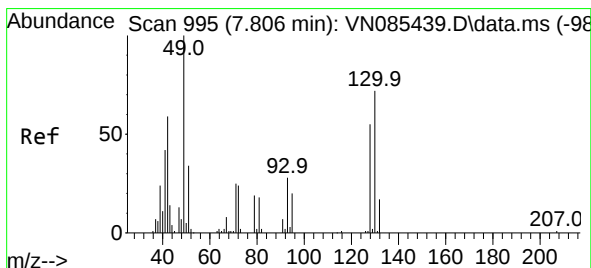
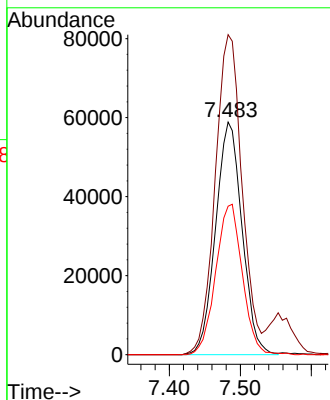
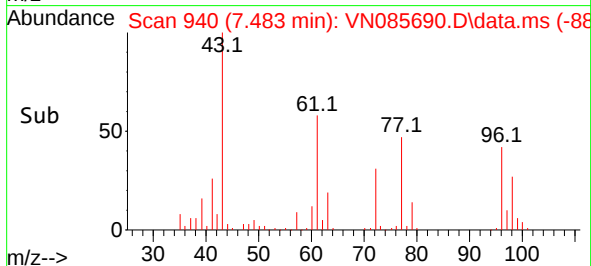


Tgt Ion: 96 Resp: 152209
 Ion Ratio Lower Upper
 96 100
 61 139.4 0.0 311.8
 98 65.0 0.0 126.0

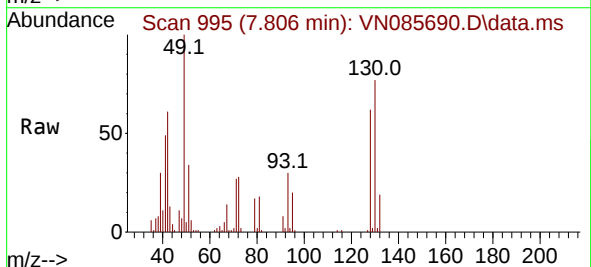
Manual Integrations

APPROVED

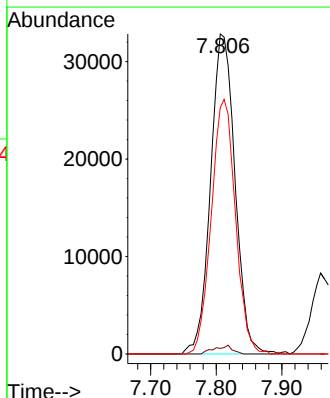
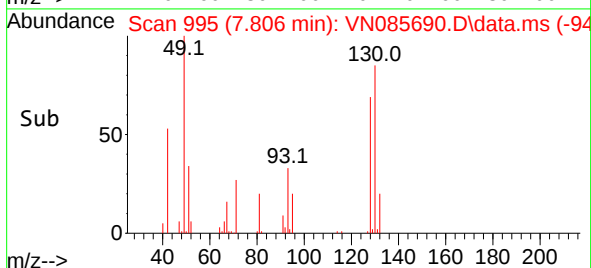
Reviewed By :John Carlone 02/07/2025
 Supervised By :Mahesh Dadoda 02/07/2025

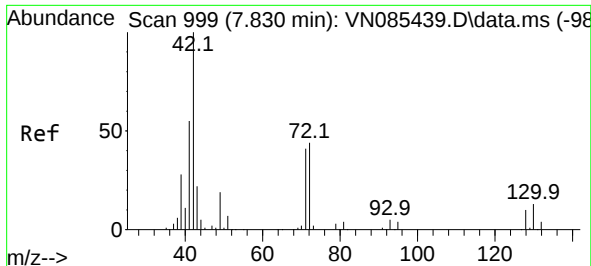


#28
 Bromochloromethane
 Concen: 39.080 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN085690.D
 Acq: 05 Feb 2025 20:23



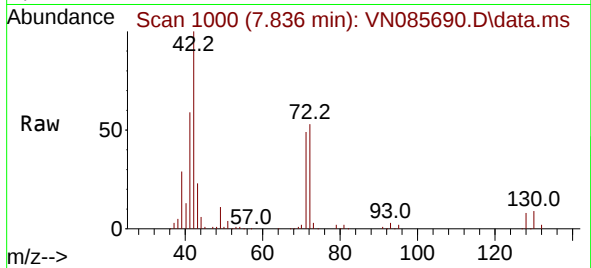
Tgt Ion: 49 Resp: 84937
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.4
 130 78.4 55.0 82.4





#29
Tetrahydrofuran
Concen: 259.337 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

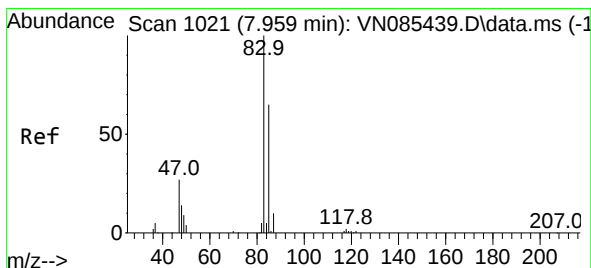
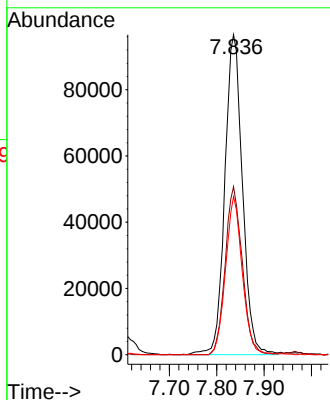
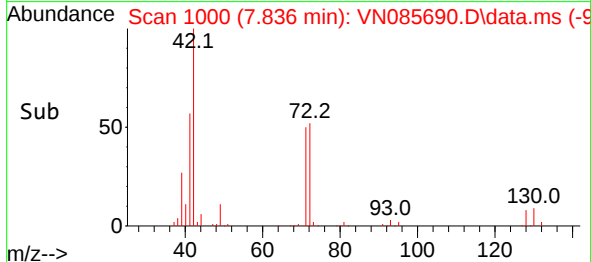
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



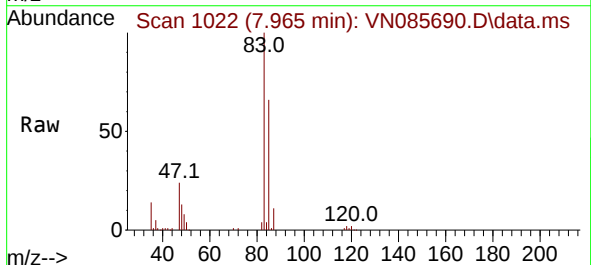
Tgt Ion: 42 Resp: 250130
Ion Ratio Lower Upper
42 100
72 50.8 34.2 51.2
71 46.7 32.5 48.7

Manual Integrations
APPROVED

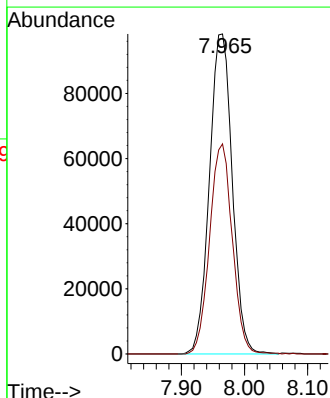
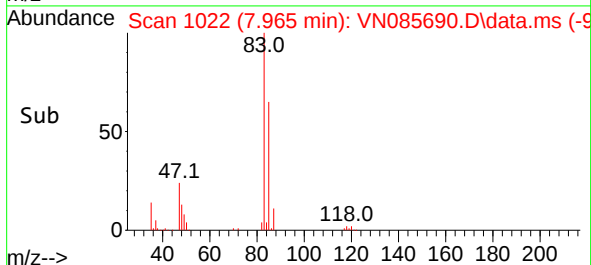
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

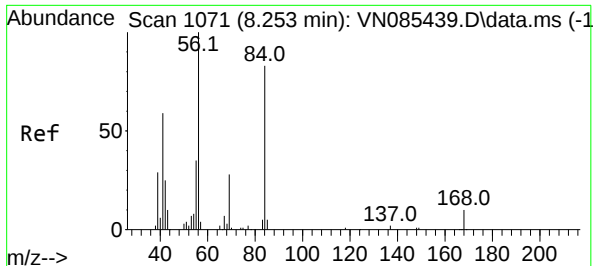


#30
Chloroform
Concen: 51.088 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23



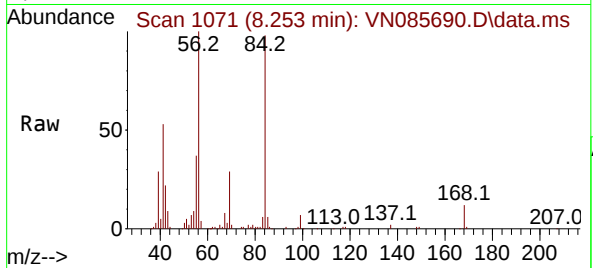
Tgt Ion: 83 Resp: 246668
Ion Ratio Lower Upper
83 100
85 65.7 51.8 77.6





#31
Cyclohexane
Concen: 47.942 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

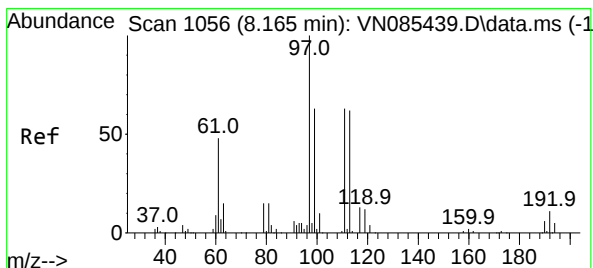
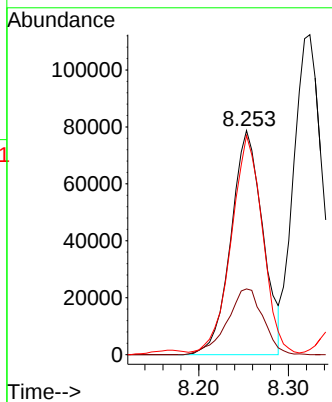
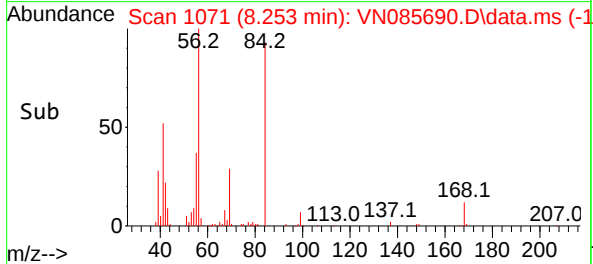
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



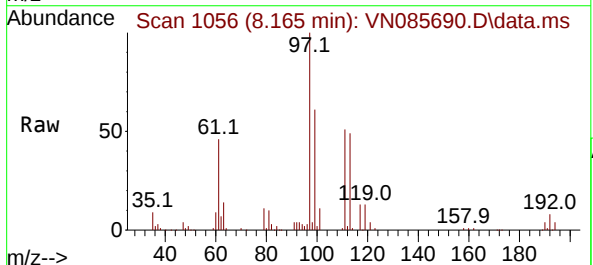
Tgt Ion: 56 Resp: 194664
Ion Ratio Lower Upper
56 100
69 29.4 22.2 33.4
84 96.0 66.4 99.6

Manual Integrations
APPROVED

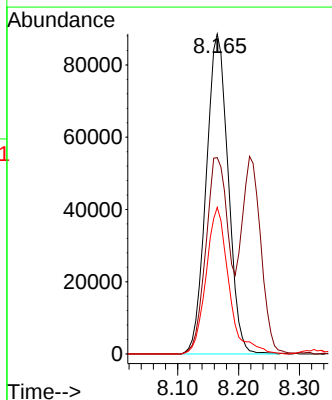
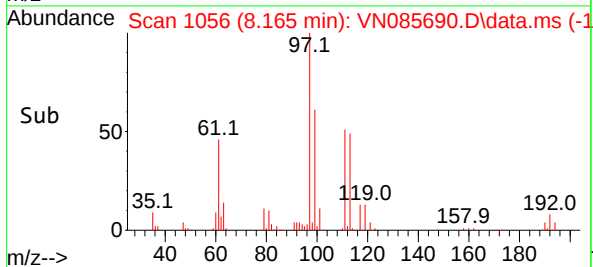
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

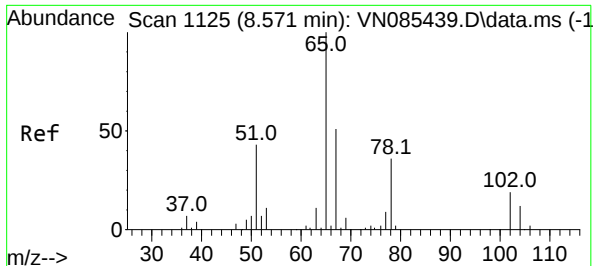


#32
1,1,1-Trichloroethane
Concen: 52.486 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23



Tgt Ion: 97 Resp: 222288
Ion Ratio Lower Upper
97 100
99 64.2 49.8 74.6
61 47.4 41.4 62.2





#33

1,2-Dichloroethane-d4

Concen: 39.575 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085690.D

Acq: 05 Feb 2025 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 126619

Ion Ratio Lower Upper

65 100

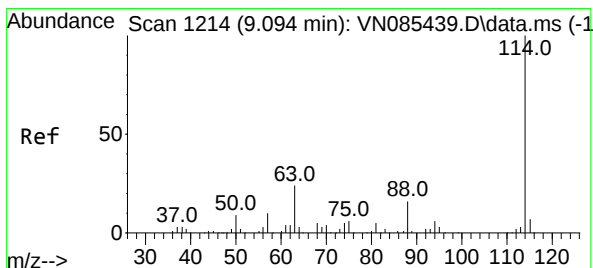
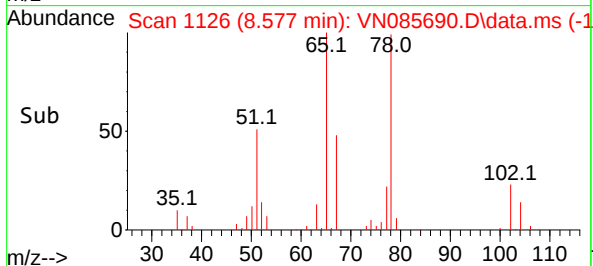
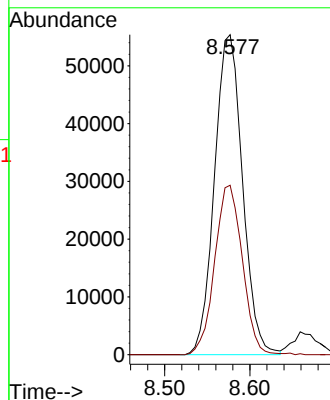
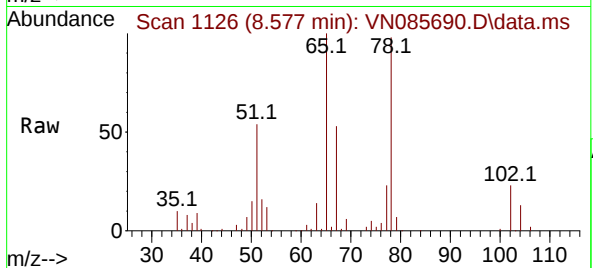
67 52.2 0.0 101.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2025

Supervised By :Mahesh Dadoda 02/07/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085690.D

Acq: 05 Feb 2025 20:23

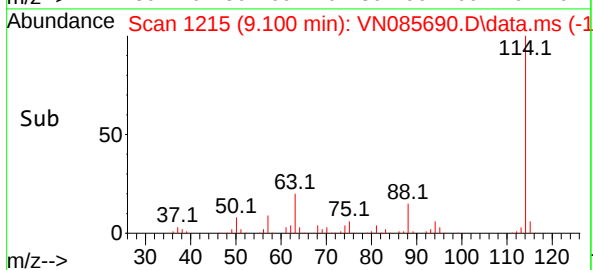
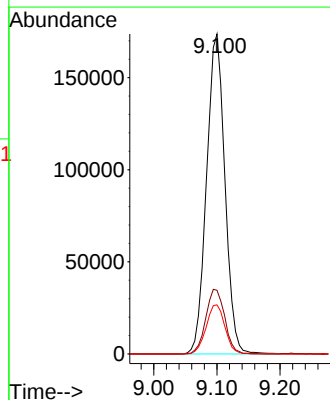
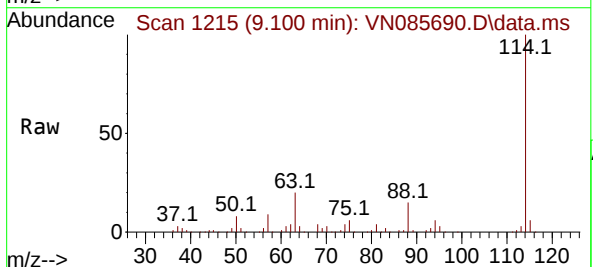
Tgt Ion:114 Resp: 350920

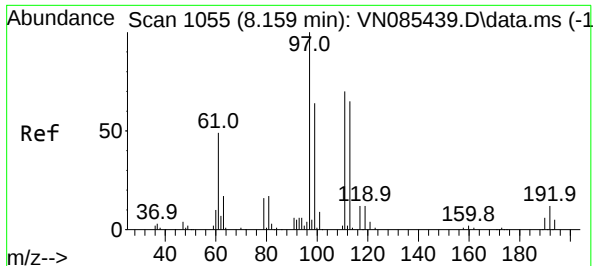
Ion Ratio Lower Upper

114 100

63 19.9 0.0 47.6

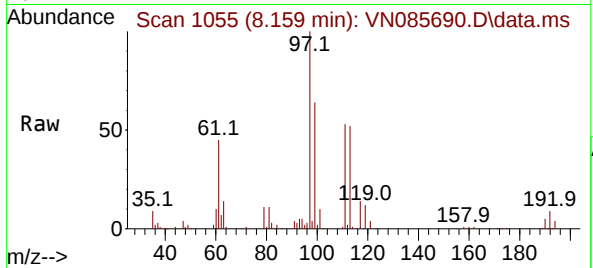
88 15.4 0.0 32.6





#35
Dibromofluoromethane
Concen: 43.212 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

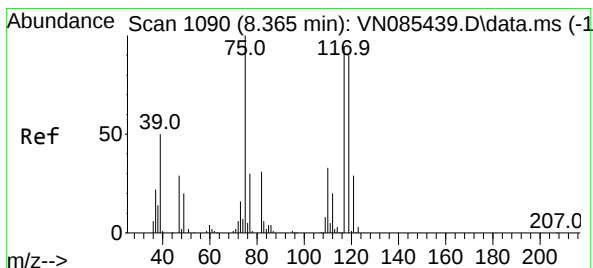
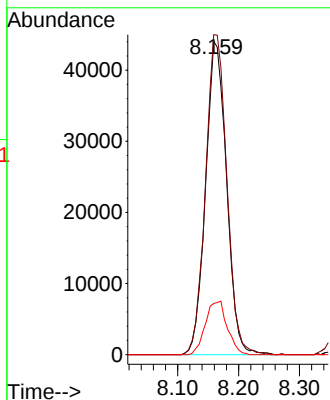
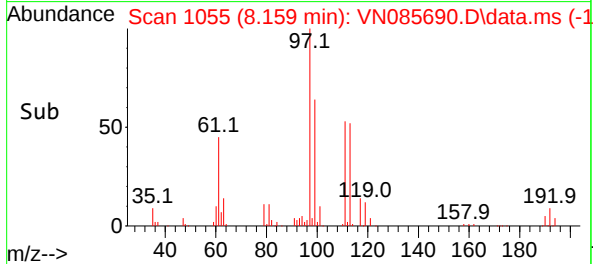
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



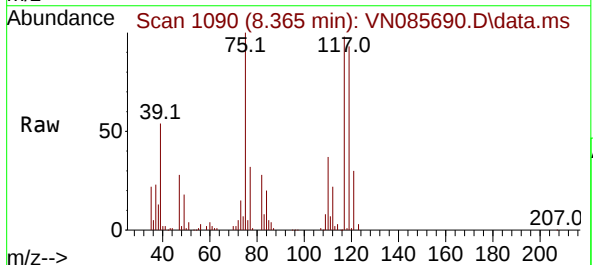
Tgt Ion: 113 Resp: 10520
Ion Ratio Lower Upper
113 100
111 104.0 82.7 124.1
192 17.8 14.3 21.5

Manual Integrations
APPROVED

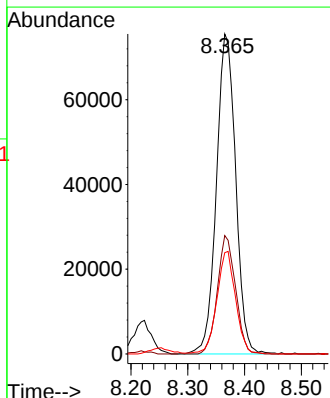
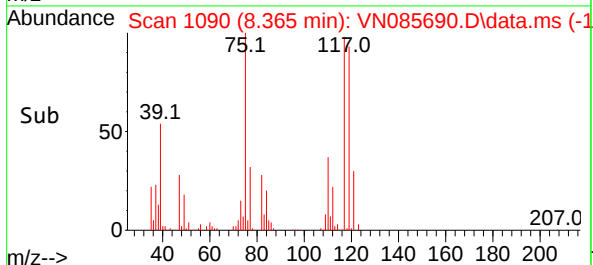
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

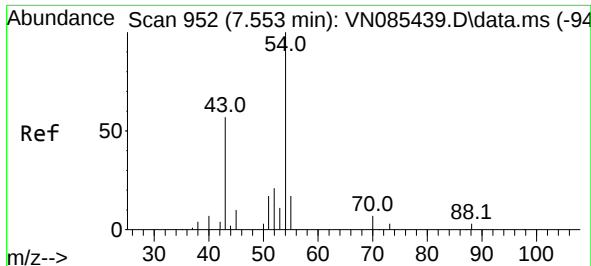


#36
1,1-Dichloropropene
Concen: 52.145 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23



Tgt Ion: 75 Resp: 178168
Ion Ratio Lower Upper
75 100
110 35.0 16.5 49.5
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 45.501 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085690.D

Acq: 05 Feb 2025 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 15692

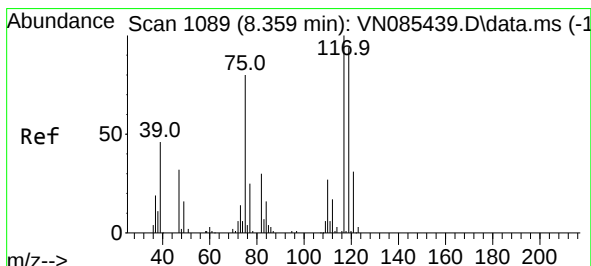
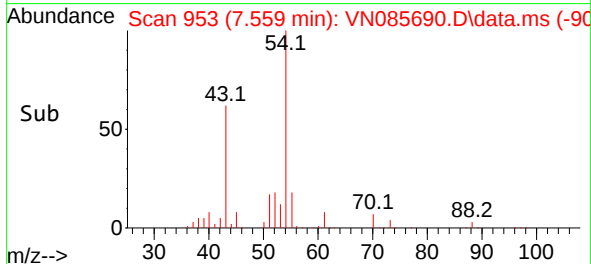
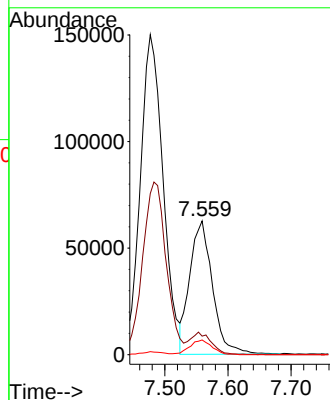
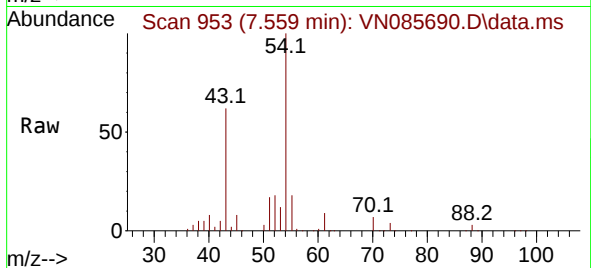
Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.9	16.3
70	10.8	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2025

Supervised By :Mahesh Dadoda 02/07/2025



#38

Carbon Tetrachloride

Concen: 49.903 ug/l

RT: 8.359 min Scan# 1089

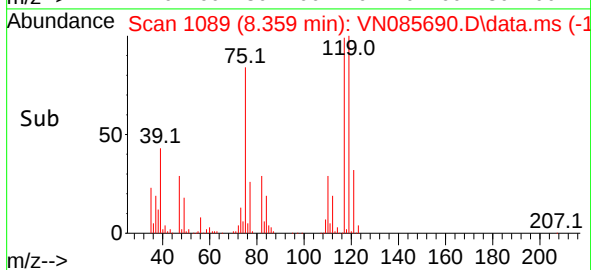
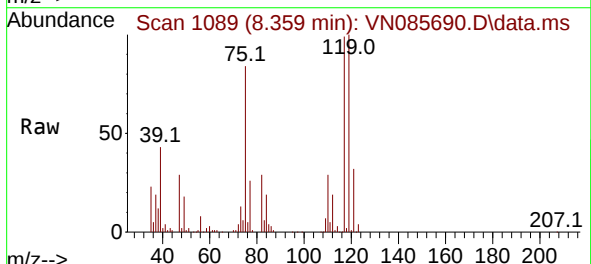
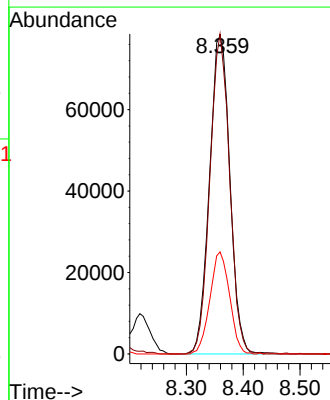
Delta R.T. 0.000 min

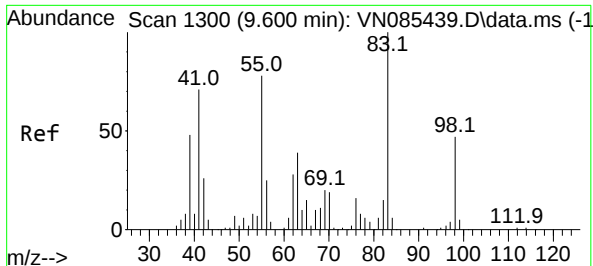
Lab File: VN085690.D

Acq: 05 Feb 2025 20:23

Tgt Ion:117 Resp: 195203

Ion	Ratio	Lower	Upper
117	100		
119	100.6	75.4	113.2
121	32.1	24.6	37.0





#39

Methylcyclohexane

Concen: 56.010 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN085690.D

Acq: 05 Feb 2025 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 179830

Ion Ratio Lower Upper

83 100

55 73.6 62.6 94.0

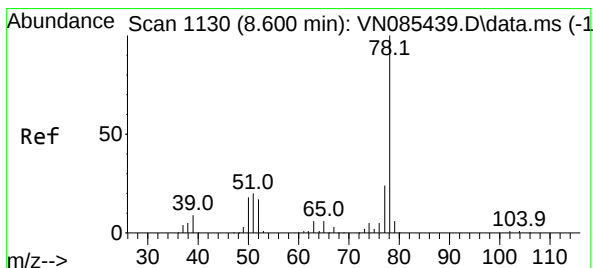
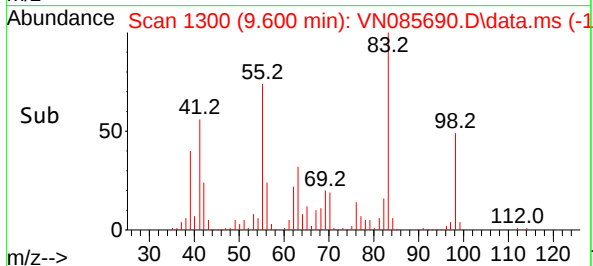
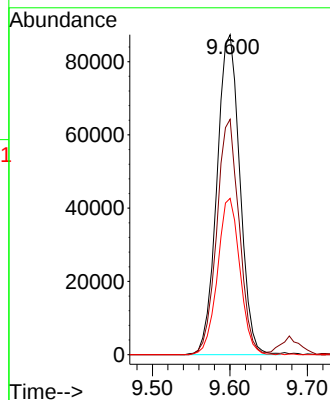
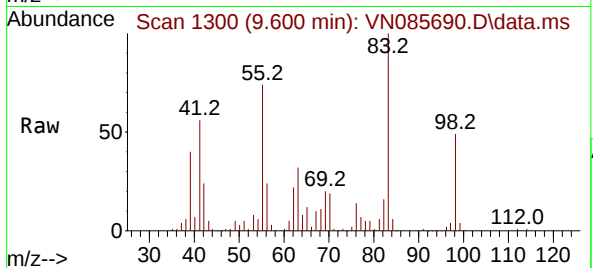
98 48.8 37.7 56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2025

Supervised By :Mahesh Dadoda 02/07/2025



#40

Benzene

Concen: 54.160 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN085690.D

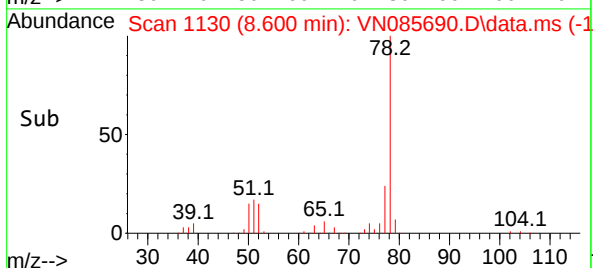
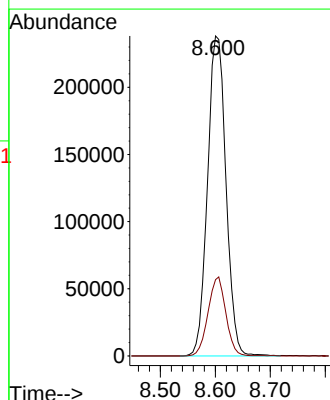
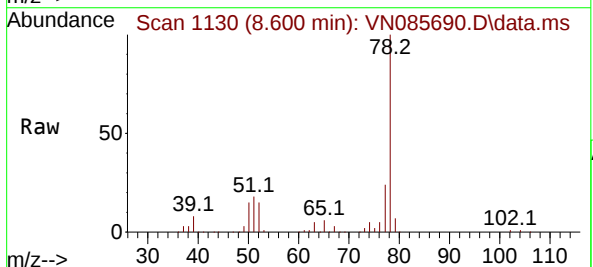
Acq: 05 Feb 2025 20:23

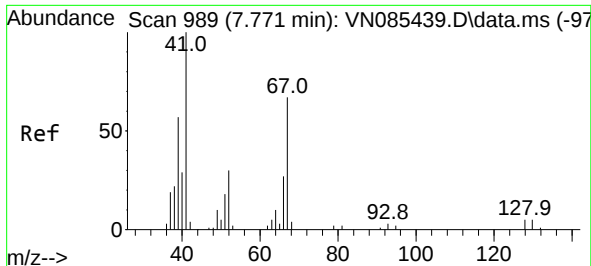
Tgt Ion: 78 Resp: 556024

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6





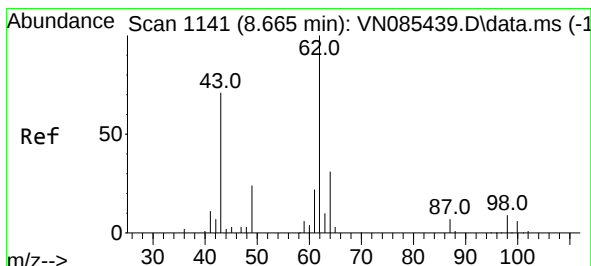
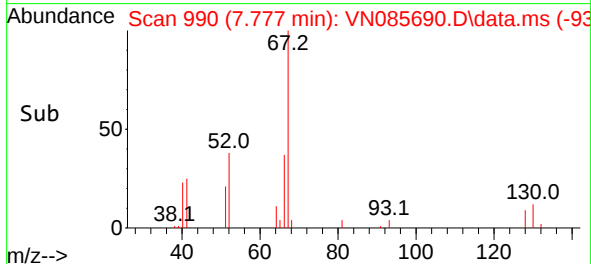
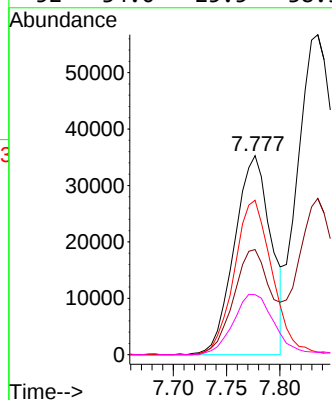
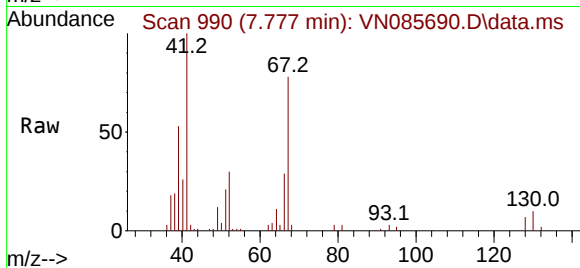
#41
Methacrylonitrile
Concen: 47.069 ug/l
RT: 7.777 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41	Resp: 8445
Ion Ratio	Lower Upper
41	100
39	54.3 46.0 69.0
67	80.7 57.4 86.2
52	34.0 25.5 38.3

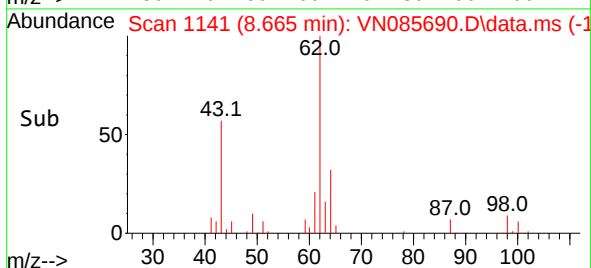
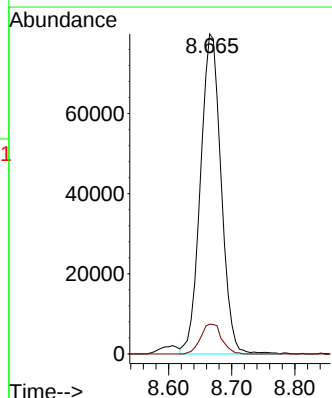
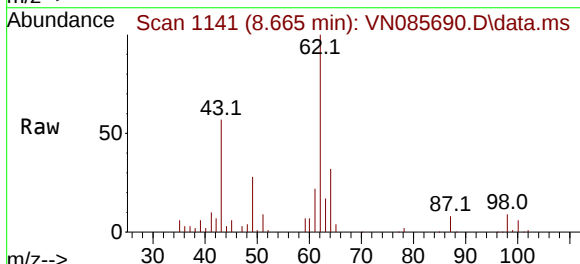
Manual Integrations
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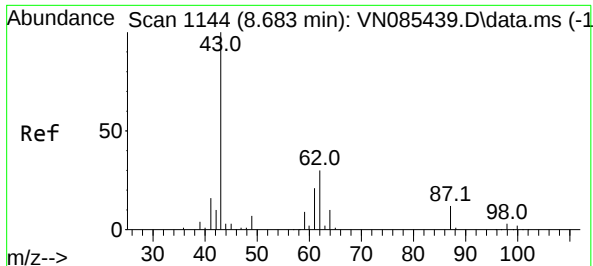
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#42
1,2-Dichloroethane
Concen: 46.891 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

Tgt Ion: 62	Resp: 181308
Ion Ratio	Lower Upper
62	100
98	9.5 0.0 17.0





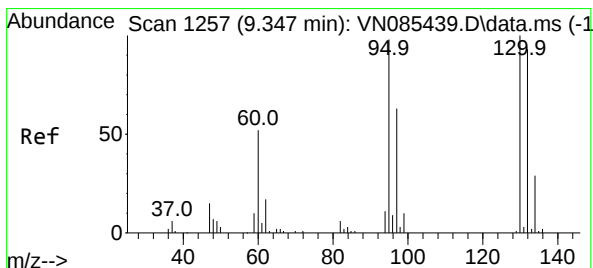
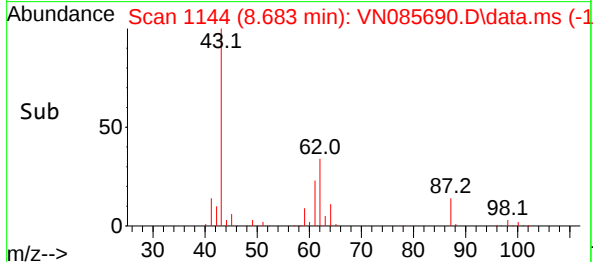
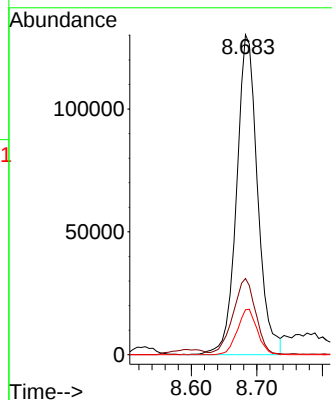
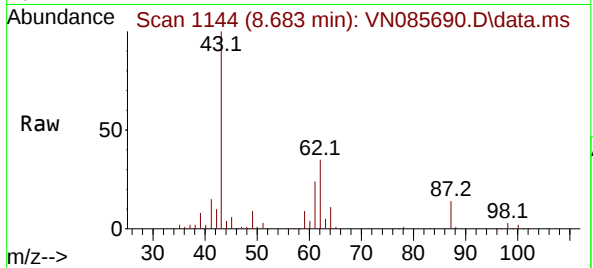
#43
Isopropyl Acetate
Concen: 52.545 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 290372
Ion Ratio Lower Upper
43 100
61 25.4 20.7 31.1
87 13.5 9.8 14.8

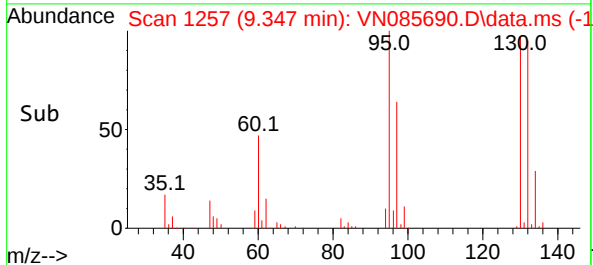
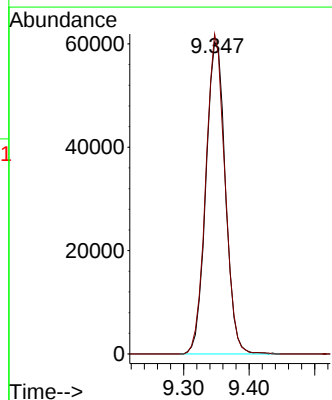
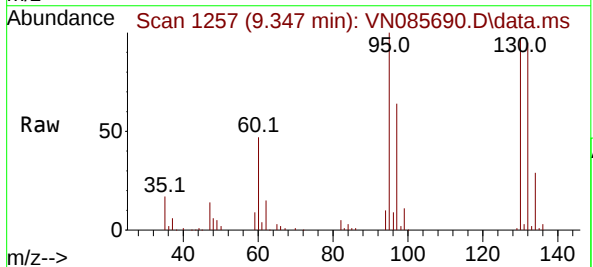
Manual Integrations
APPROVED

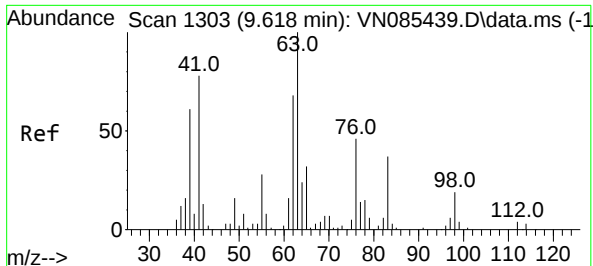
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#44
Trichloroethene
Concen: 52.198 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

Tgt Ion:130 Resp: 124742
Ion Ratio Lower Upper
130 100
95 102.6 0.0 195.8





#45

1,2-Dichloropropane

Concen: 50.864 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085690.D

Acq: 05 Feb 2025 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 13338

Ion Ratio Lower Upper

63 100

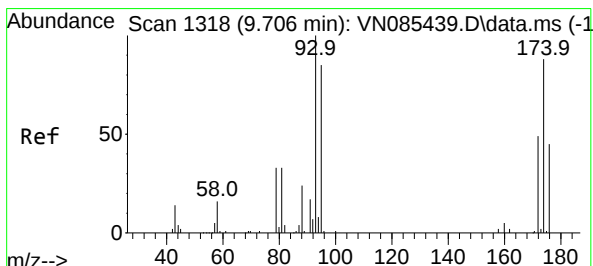
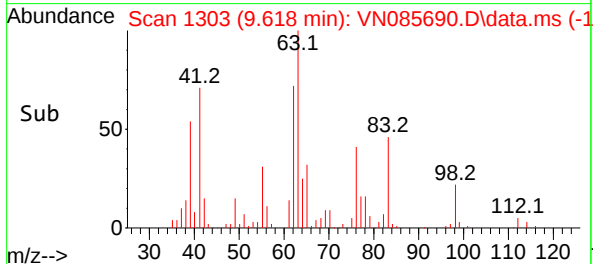
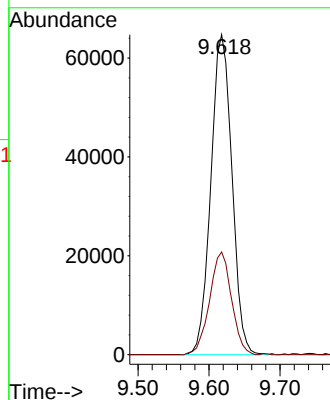
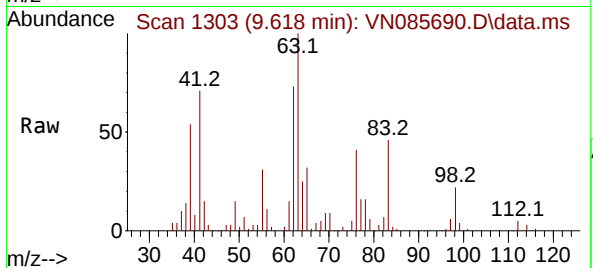
65 32.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2025

Supervised By :Mahesh Dadoda 02/07/2025



#46

Dibromomethane

Concen: 50.544 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085690.D

Acq: 05 Feb 2025 20:23

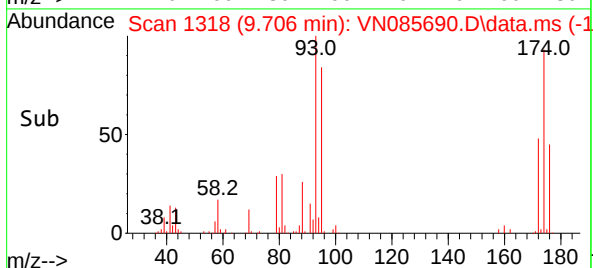
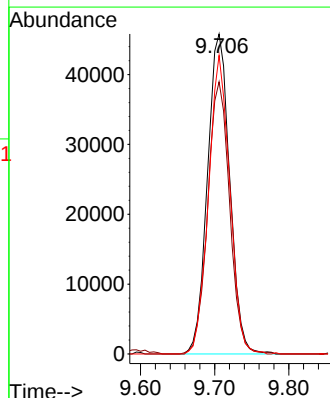
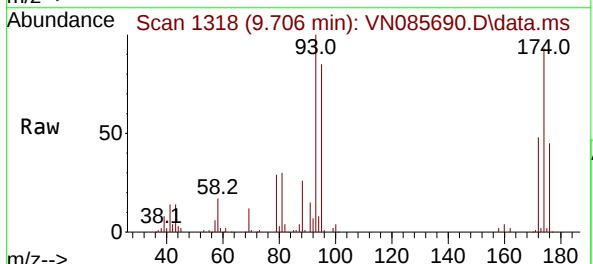
Tgt Ion: 93 Resp: 95637

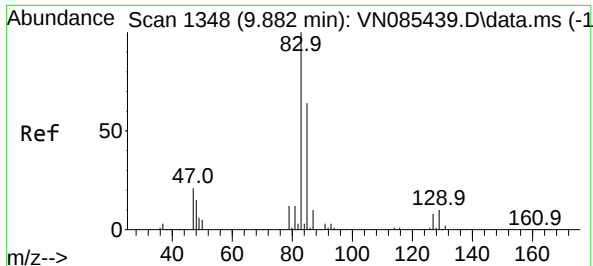
Ion Ratio Lower Upper

93 100

95 83.9 64.7 97.1

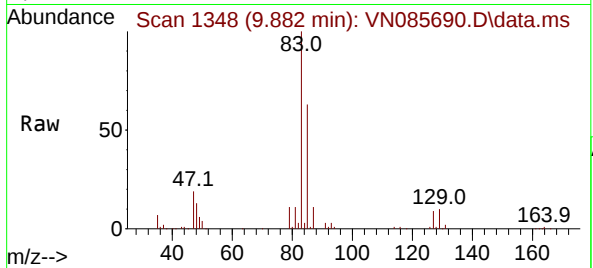
174 89.2 69.0 103.4





#47
Bromodichloromethane
Concen: 50.667 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

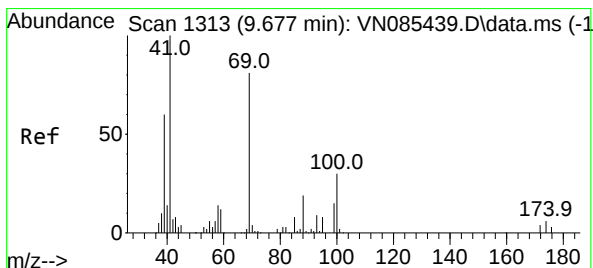
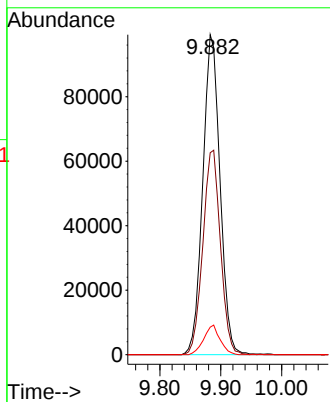
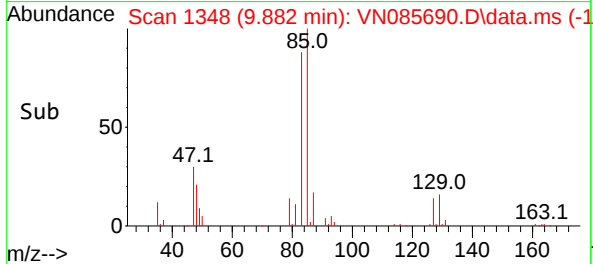
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 195318
Ion Ratio Lower Upper
83 100
85 63.1 51.2 76.8
127 8.6 6.5 9.7

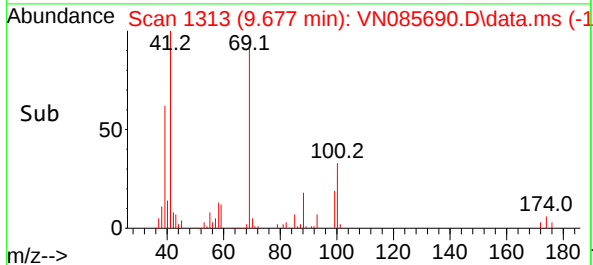
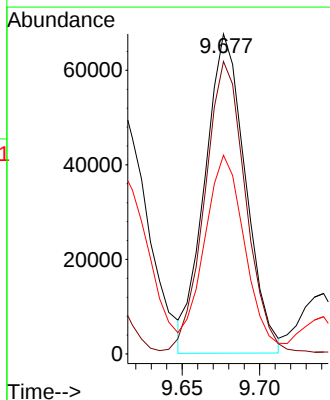
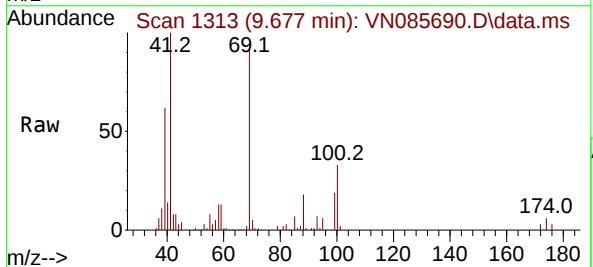
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APPROVED

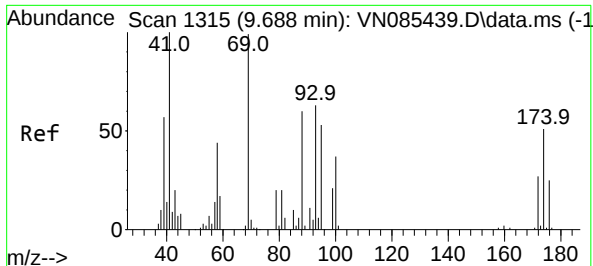
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#48
Methyl methacrylate
Concen: 49.440 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

Tgt Ion: 41 Resp: 122951
Ion Ratio Lower Upper
41 100
69 93.7 64.7 97.1
39 63.3 49.0 73.6





#49

1,4-Dioxane

Concen: 1138.525 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN085690.D

Acq: 05 Feb 2025 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 47680

Ion Ratio Lower Upper

88 100

43 25.9 26.6 39.8

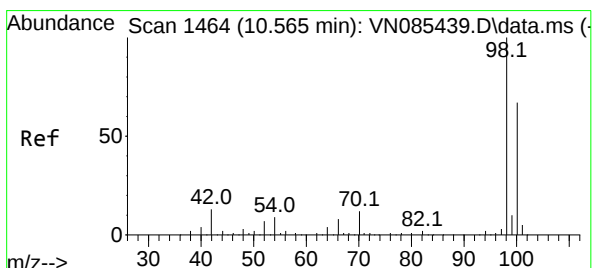
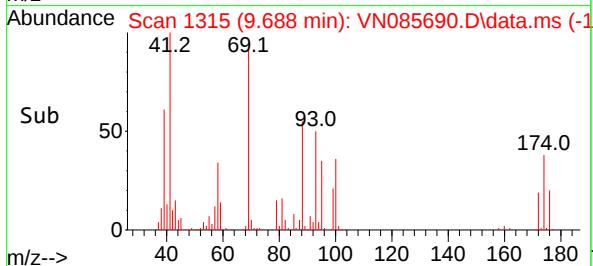
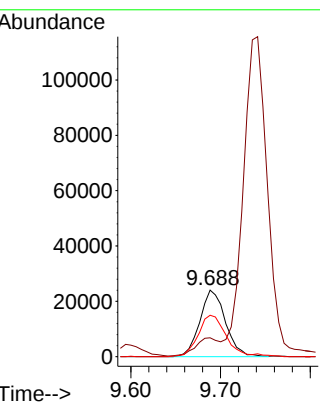
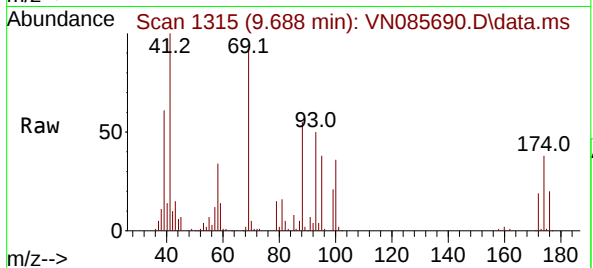
58 68.8 59.5 89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2025

Supervised By :Mahesh Dadoda 02/07/2025



#50

Toluene-d8

Concen: 44.545 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085690.D

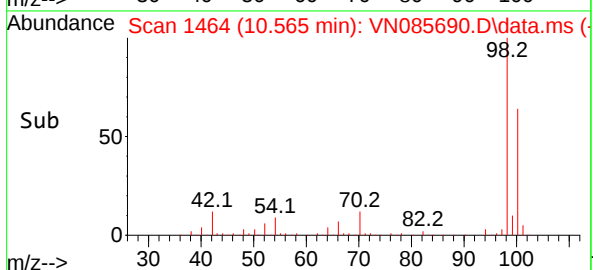
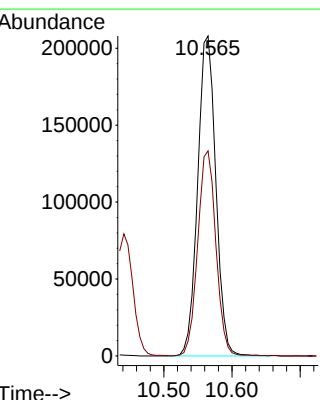
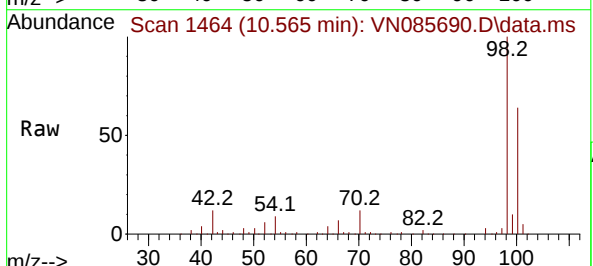
Acq: 05 Feb 2025 20:23

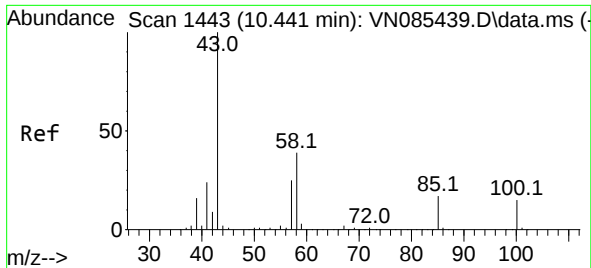
Tgt Ion: 98 Resp: 385305

Ion Ratio Lower Upper

98 100

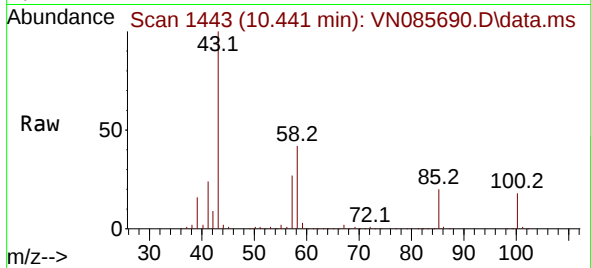
100 64.4 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 248.098 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

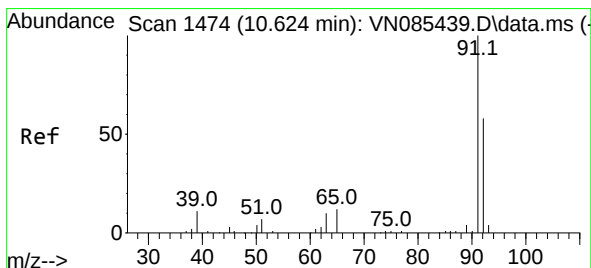
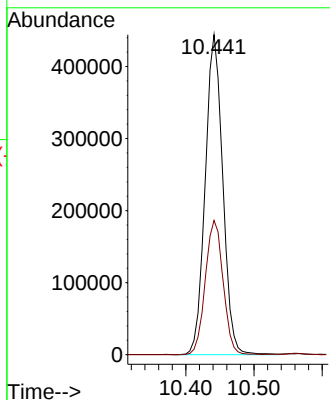
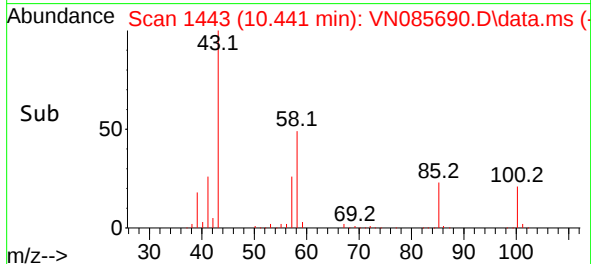
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 79558
Ion Ratio Lower Upper
43 100
58 42.6 30.5 45.7

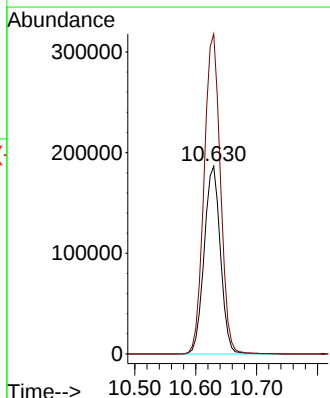
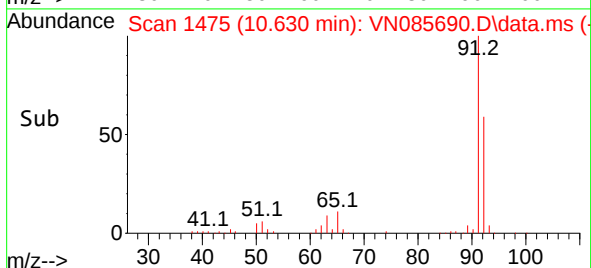
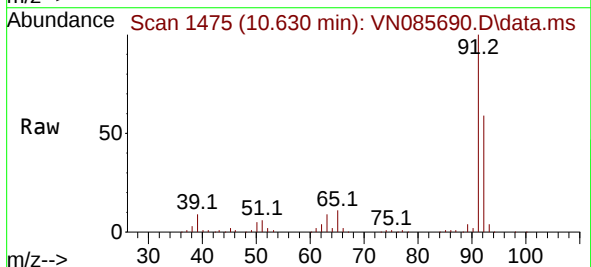
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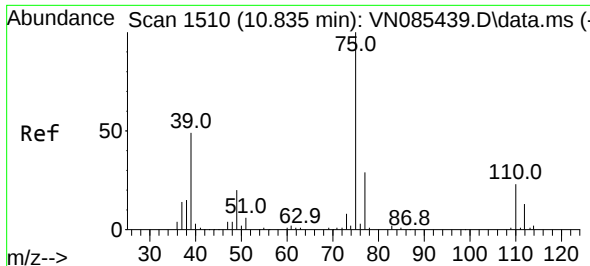
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#52
Toluene
Concen: 57.992 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

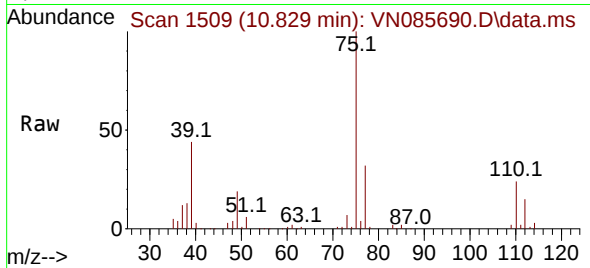
Tgt Ion: 92 Resp: 344970
Ion Ratio Lower Upper
92 100
91 171.5 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 53.775 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

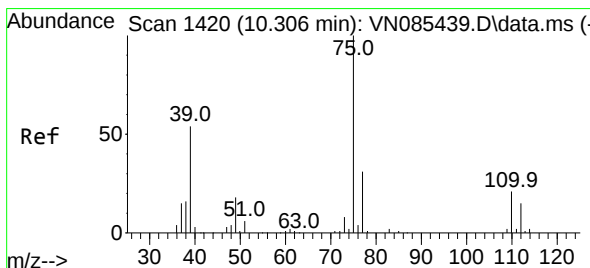
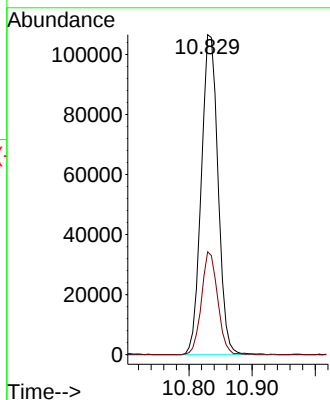
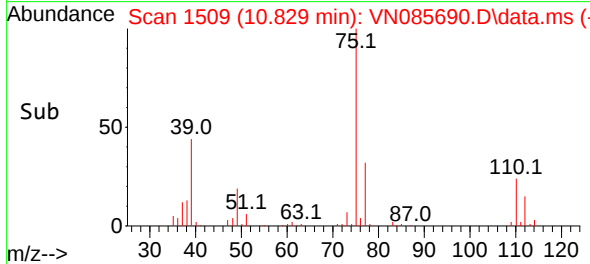
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 195902
Ion Ratio Lower Upper
75 100
77 32.2 23.5 35.3

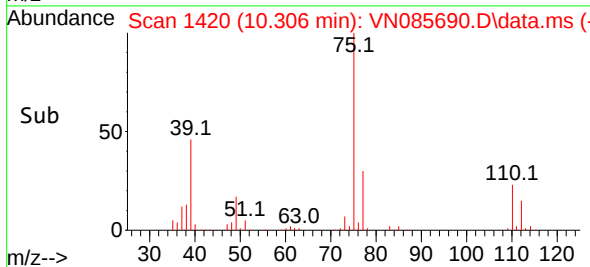
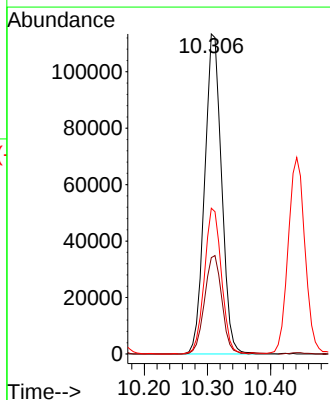
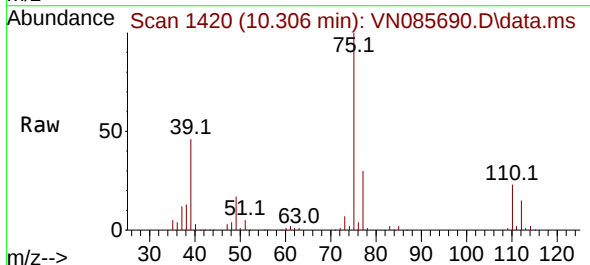
Manual Integrations
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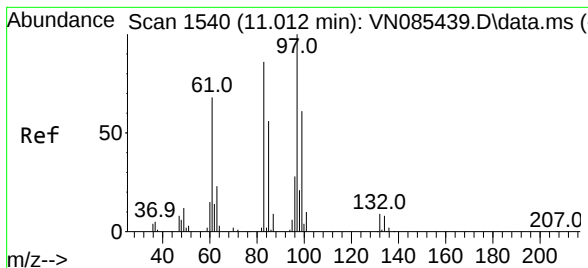
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#54
cis-1,3-Dichloropropene
Concen: 54.388 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

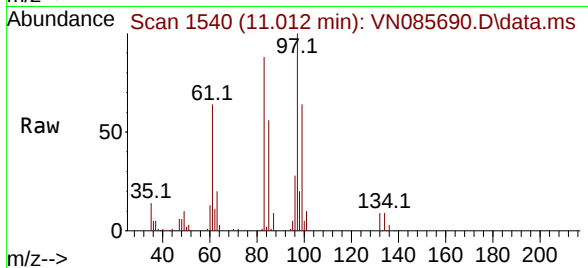
Tgt Ion: 75 Resp: 211641
Ion Ratio Lower Upper
75 100
77 30.1 25.0 37.4
39 45.5 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 53.781 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

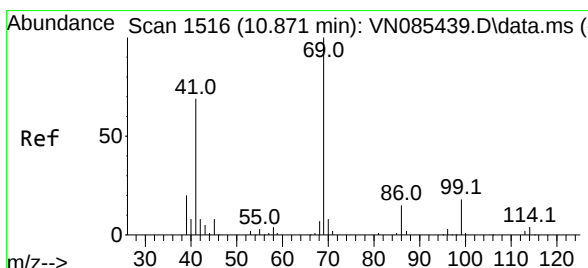
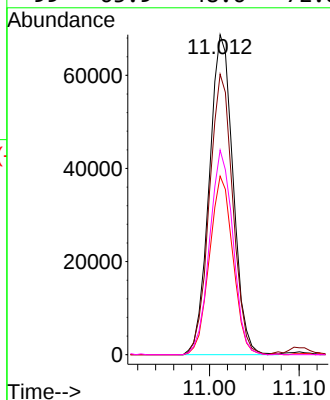
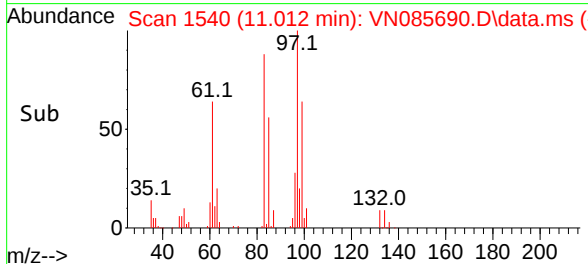
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



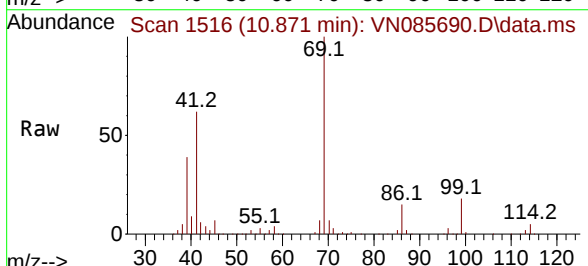
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.7	69.0	103.6
85	55.8	44.6	66.8
99	63.9	48.6	72.8

Manual Integrations
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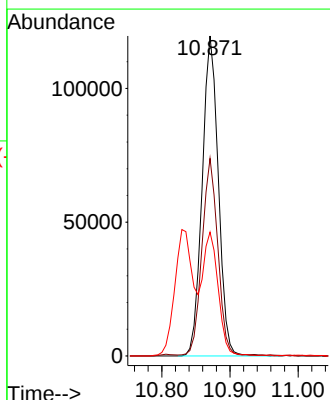
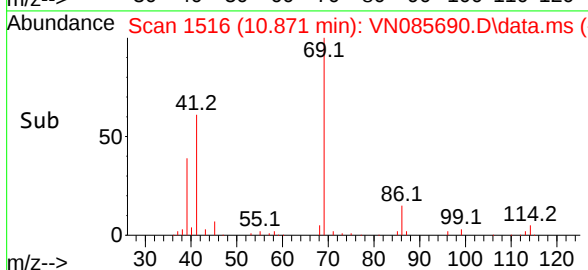
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

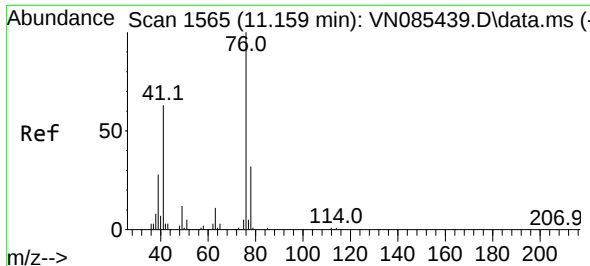


#56
Ethyl methacrylate
Concen: 49.765 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23



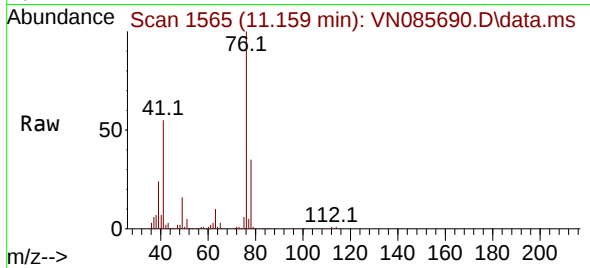
Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.1	54.6	82.0
39	36.1	32.4	48.6





#57
1,3-Dichloropropane
Concen: 53.046 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

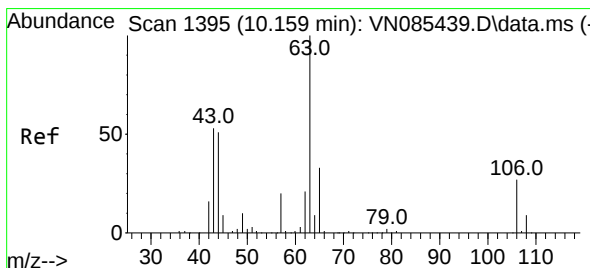
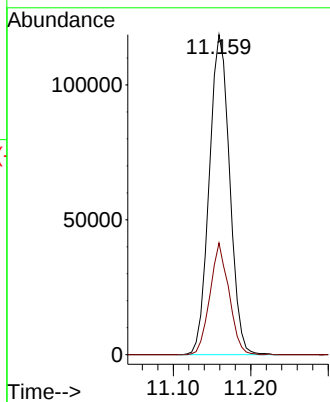
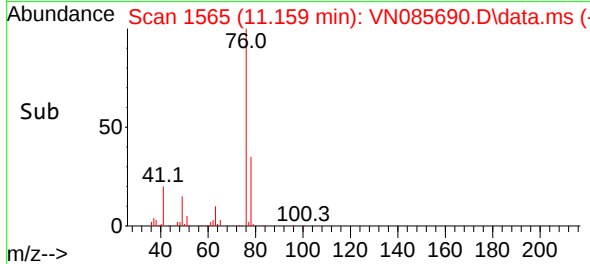
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



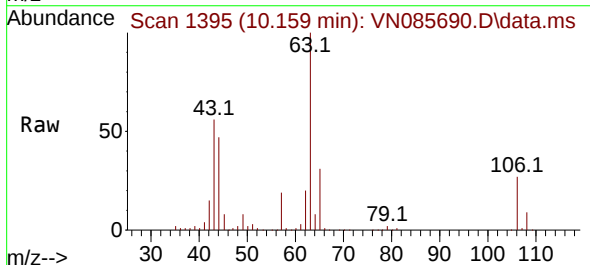
Tgt Ion: 76 Resp: 217138
Ion Ratio Lower Upper
76 100
78 32.5 25.6 38.4

Manual Integrations
APPROVED

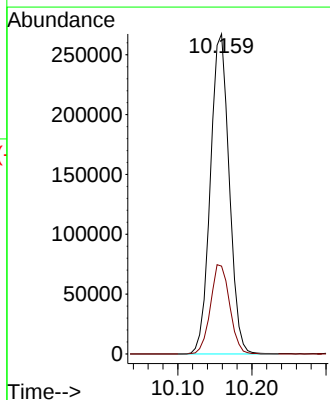
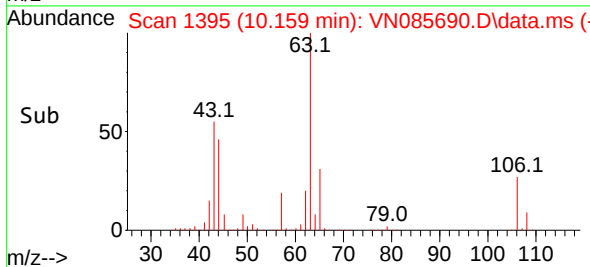
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

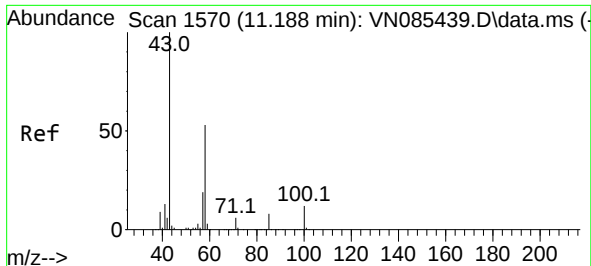


#58
2-Chloroethyl Vinyl ether
Concen: 315.455 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23



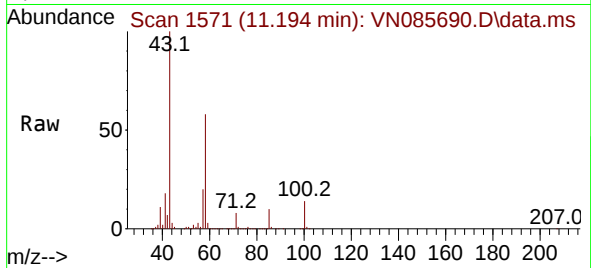
Tgt Ion: 63 Resp: 471263
Ion Ratio Lower Upper
63 100
106 28.4 21.6 32.4





#59
2-Hexanone
Concen: 255.870 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

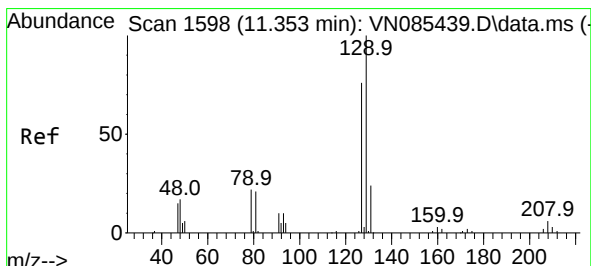
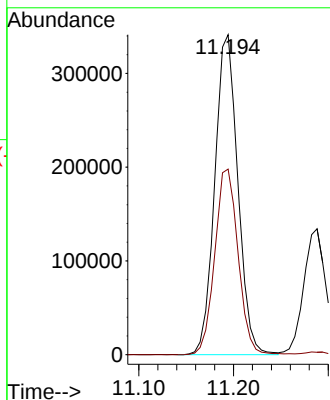
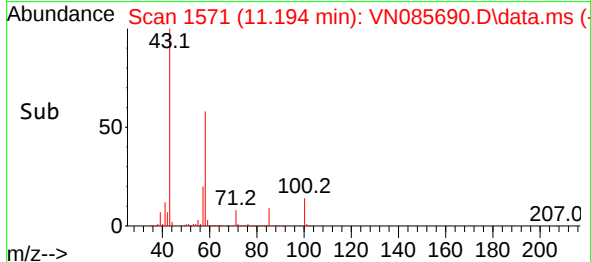
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 577334
Ion Ratio Lower Upper
43 100
58 58.6 26.2 78.6

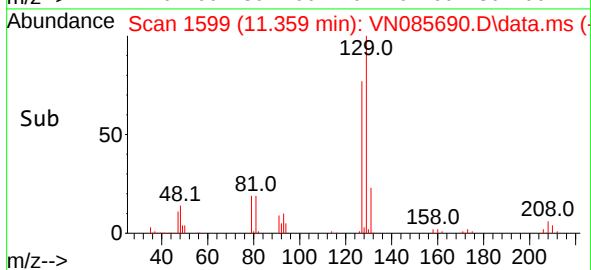
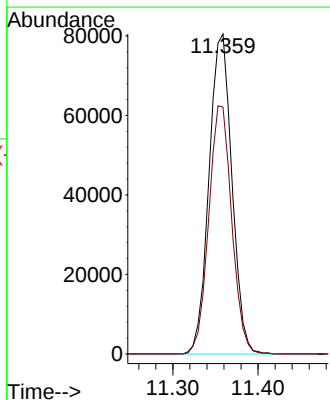
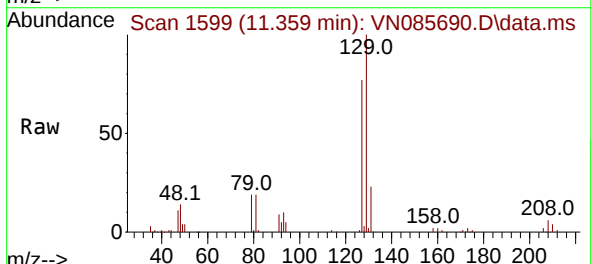
Manual Integrations
APPROVED

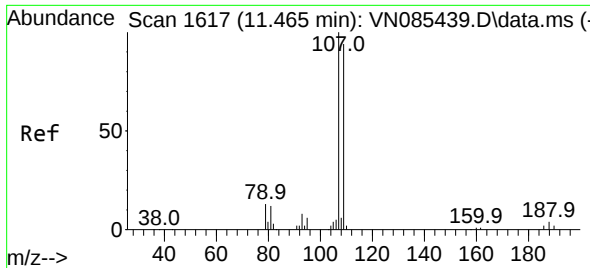
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#60
Dibromochloromethane
Concen: 52.847 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

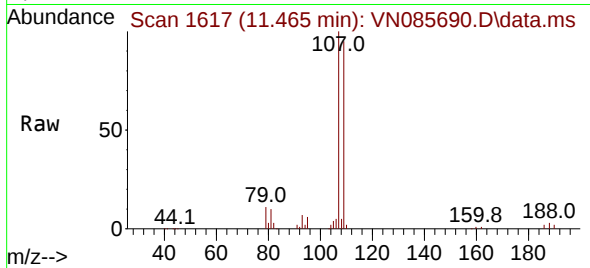
Tgt Ion:129 Resp: 150196
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8





#61
1,2-Dibromoethane
Concen: 53.876 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

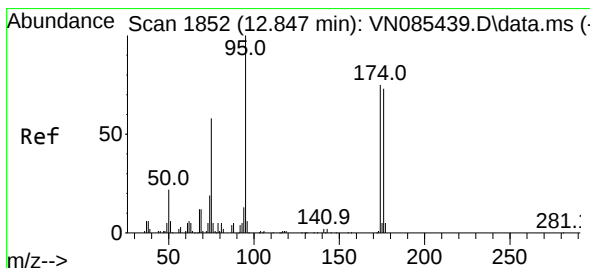
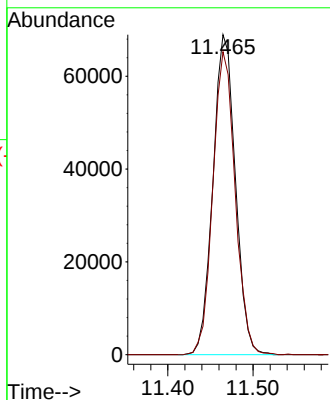
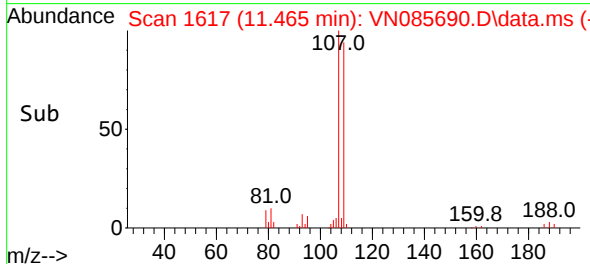
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



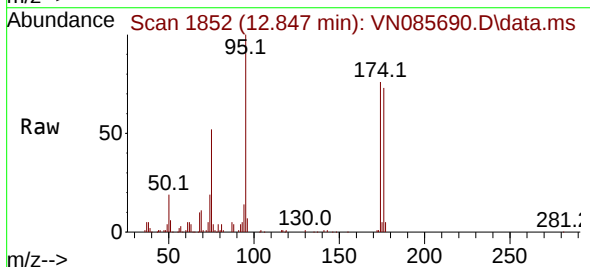
Tgt Ion:107 Resp: 126249
Ion Ratio Lower Upper
107 100
109 94.1 75.9 113.9

Manual Integrations
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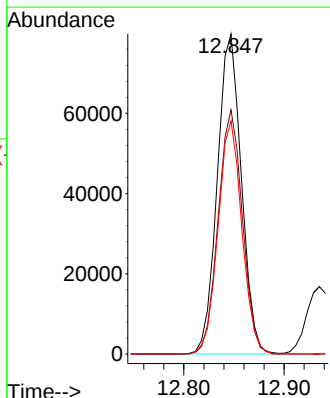
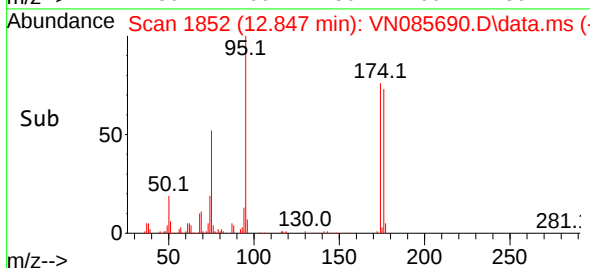
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

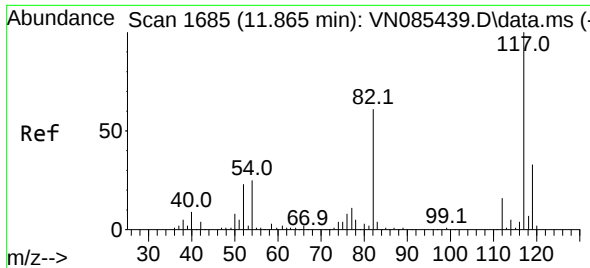


#62
4-Bromofluorobenzene
Concen: 44.850 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23



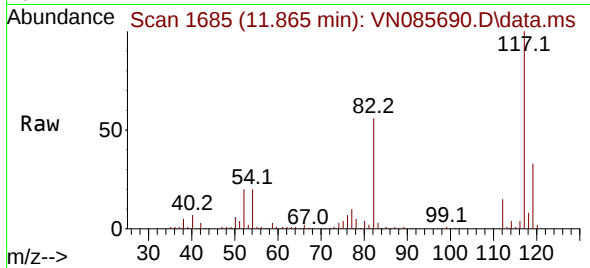
Tgt Ion: 95 Resp: 132706
Ion Ratio Lower Upper
95 100
174 76.9 0.0 145.0
176 72.0 0.0 142.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

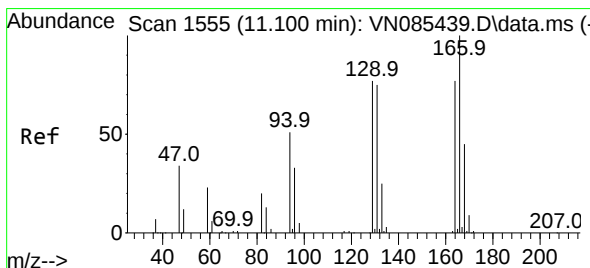
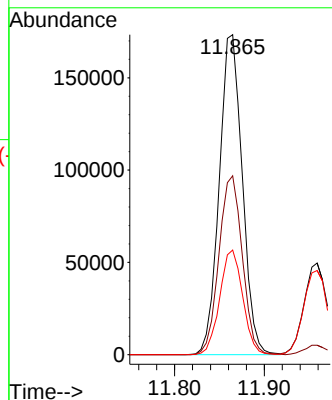
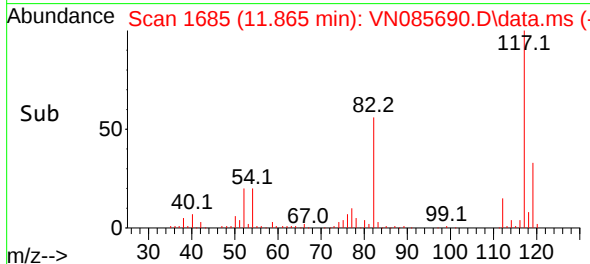
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



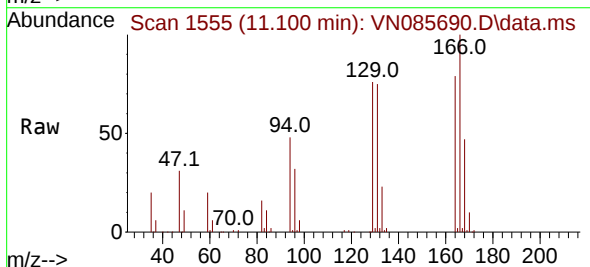
Tgt Ion:117 Resp: 30948
Ion Ratio Lower Upper
117 100
82 55.9 48.6 72.8
119 32.7 26.6 39.8

Manual Integrations
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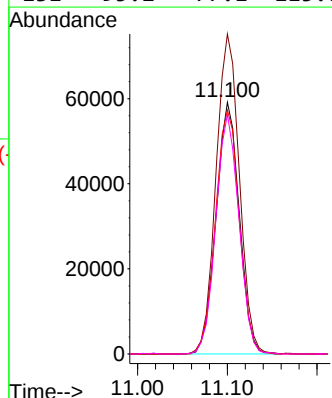
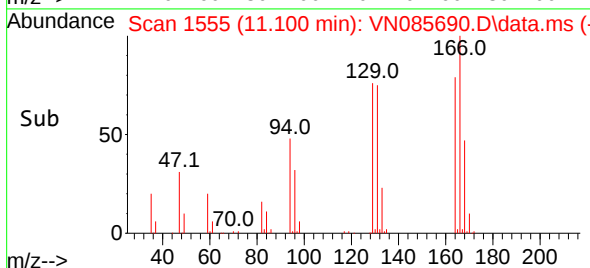
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

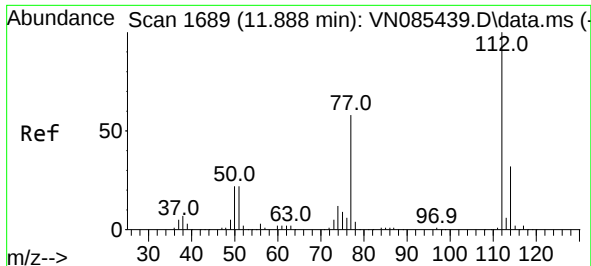


#64
Tetrachloroethene
Concen: 50.244 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23



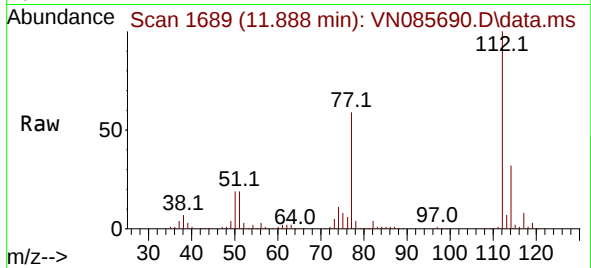
Tgt Ion:164 Resp: 106010
Ion Ratio Lower Upper
164 100
166 127.1 103.4 155.2
129 96.9 79.2 118.8
131 95.2 77.1 115.7





#65
Chlorobenzene
Concen: 53.813 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

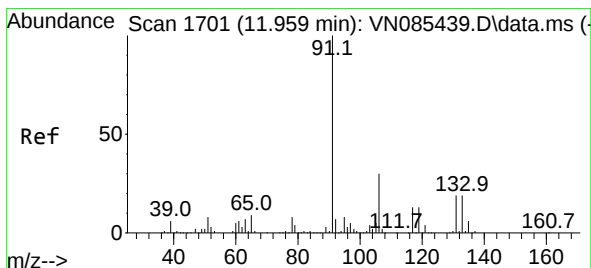
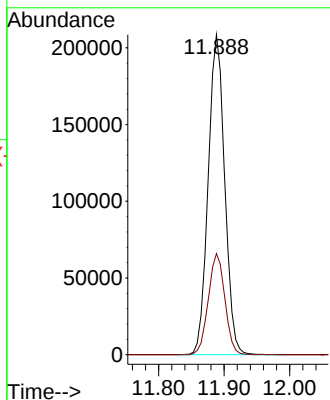
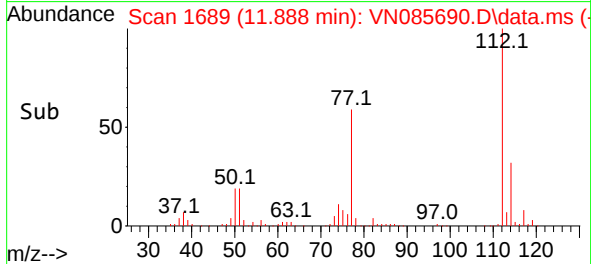
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 364840
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9

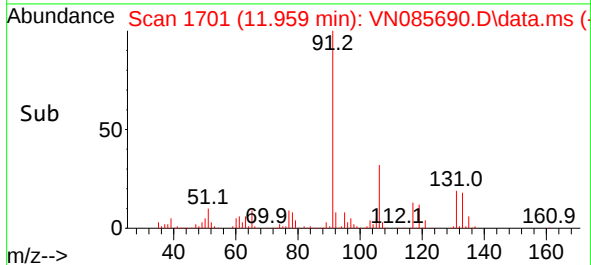
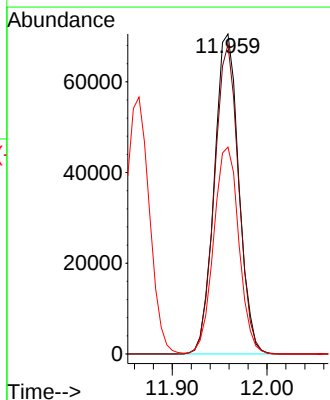
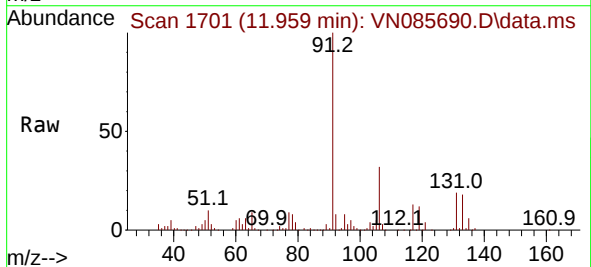
Manual Integrations
APPROVED

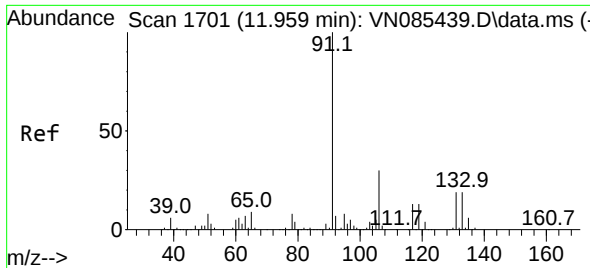
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.001 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

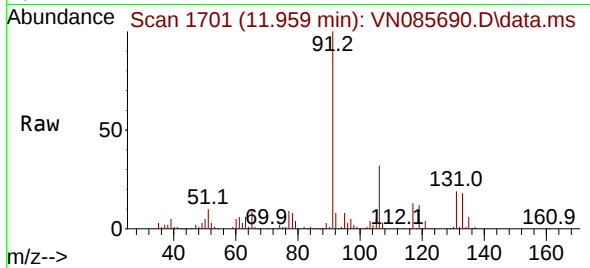
Tgt Ion:131 Resp: 126908
Ion Ratio Lower Upper
131 100
133 95.6 47.4 142.3
119 66.7 33.1 99.5





#67
Ethyl Benzene
Concen: 57.172 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

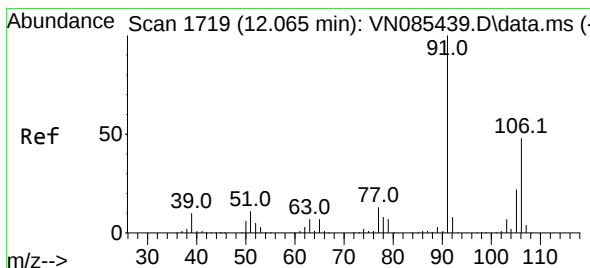
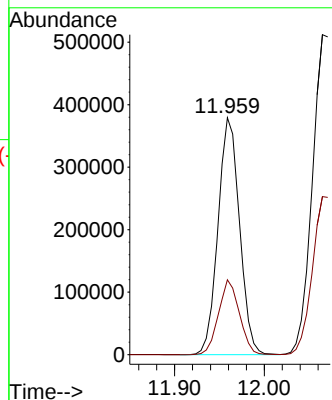
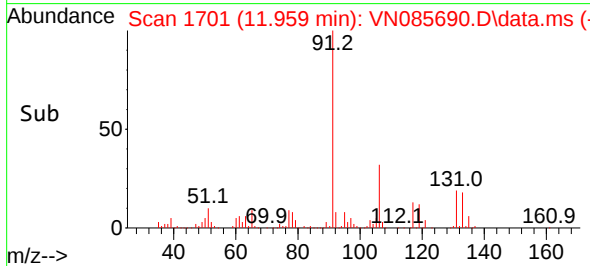
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



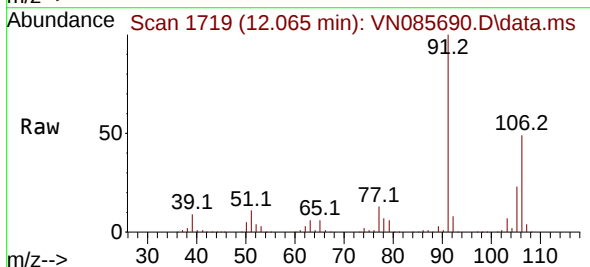
Tgt Ion: 91 Resp: 631332
Ion Ratio Lower Upper
91 100
106 31.6 23.8 35.8

Manual Integrations
APPROVED

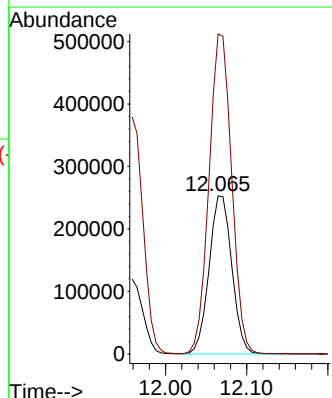
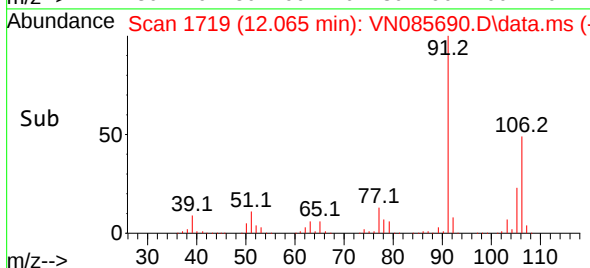
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

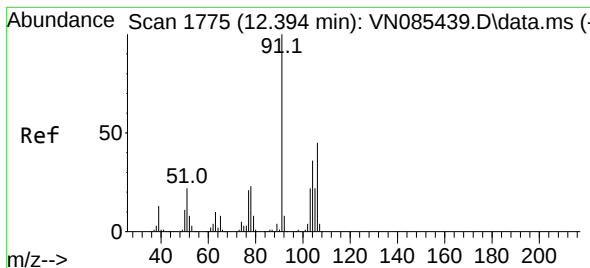


#68
m/p-Xylenes
Concen: 120.425 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23



Tgt Ion:106 Resp: 491473
Ion Ratio Lower Upper
106 100
91 201.6 167.7 251.5





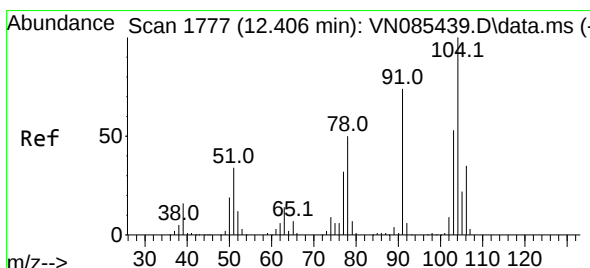
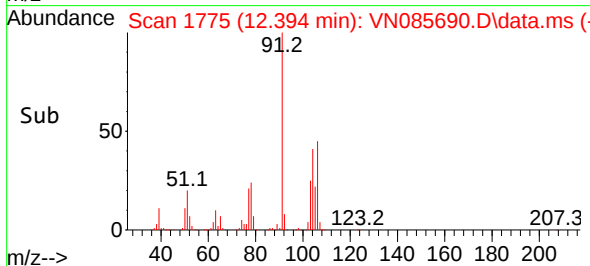
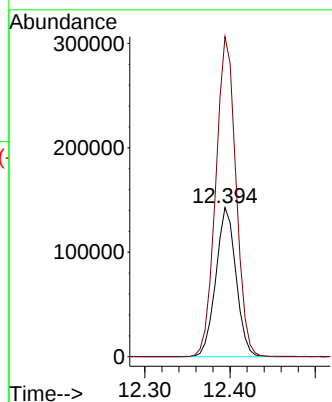
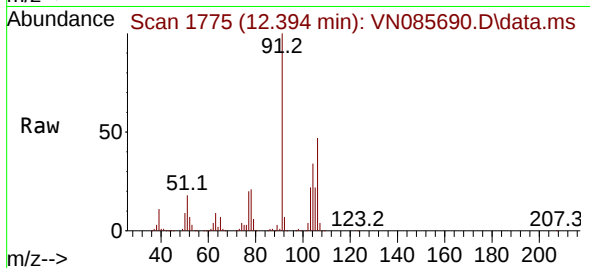
#69
o-Xylene
Concen: 59.961 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 23386
Ion Ratio Lower Upper
106 100
91 215.9 110.4 331.2

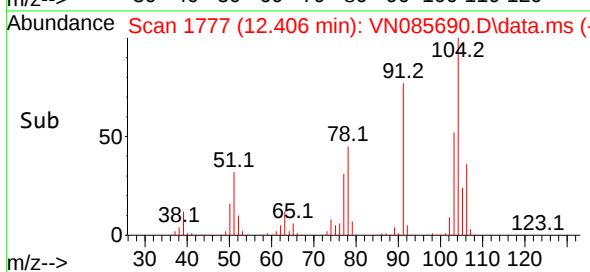
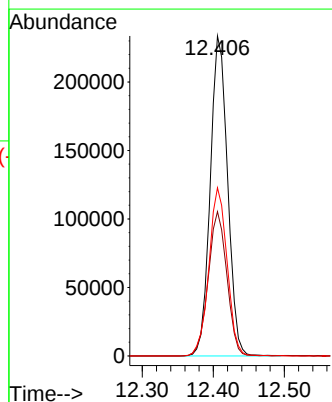
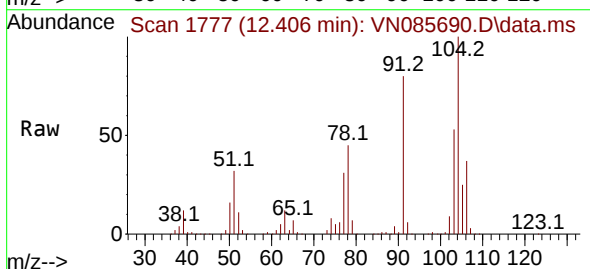
Manual Integrations
APPROVED

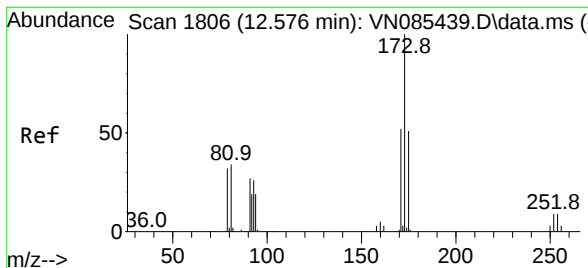
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#70
Styrene
Concen: 61.435 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

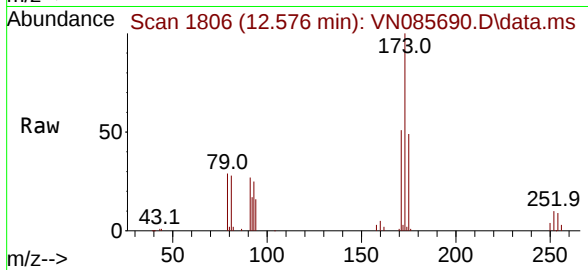
Tgt Ion:104 Resp: 396550
Ion Ratio Lower Upper
104 100
78 48.5 42.5 63.7
103 55.2 43.8 65.8





#71
Bromoform
Concen: 54.596 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

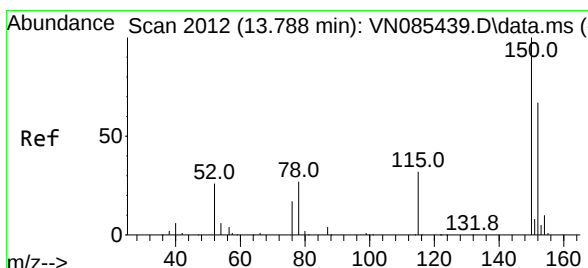
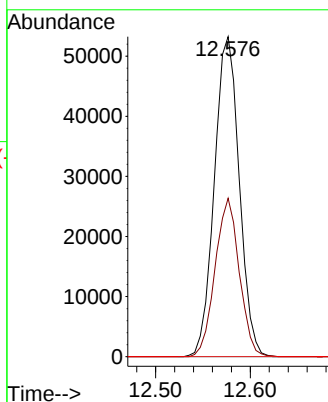
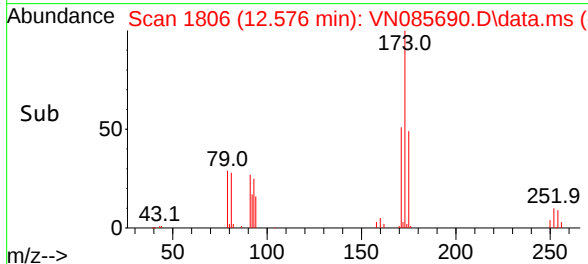
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



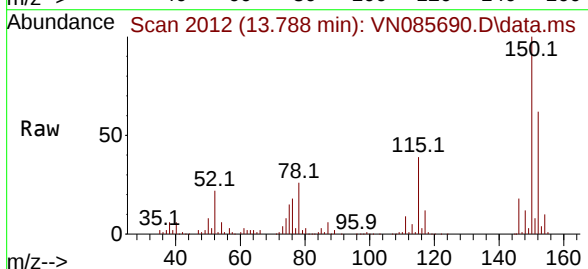
Tgt Ion:173 Resp: 9720
Ion Ratio Lower Upper
173 100
175 48.1 24.4 73.2
254 0.0 0.0 0.0

Manual Integrations
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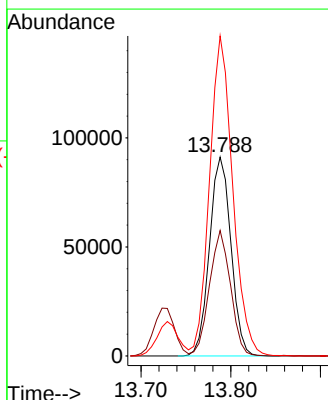
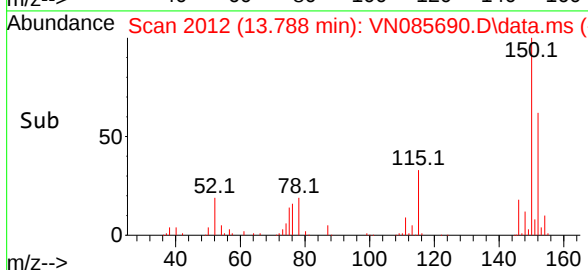
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

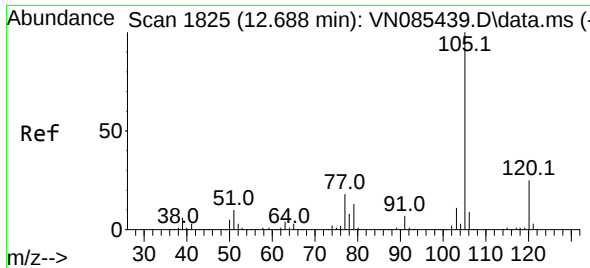


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23



Tgt Ion:152 Resp: 151716
Ion Ratio Lower Upper
152 100
115 61.7 31.1 93.3
150 173.9 0.0 343.6





#73
Isopropylbenzene
Concen: 56.969 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

Instrument :

MSVOA_N

ClientSampleId :

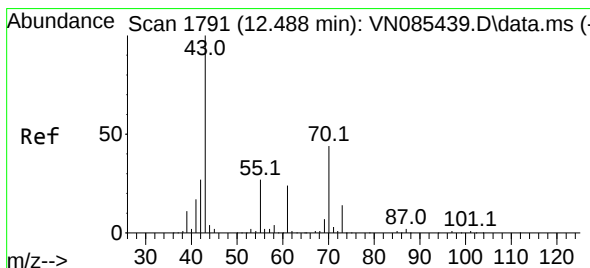
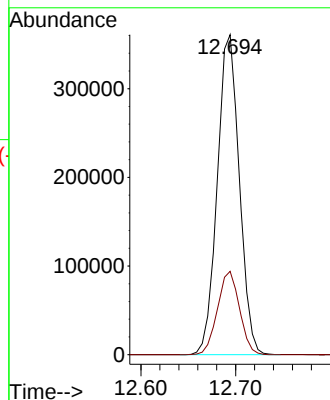
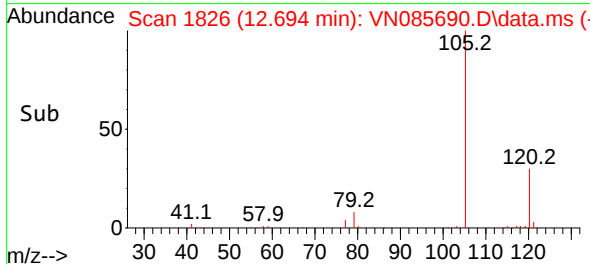
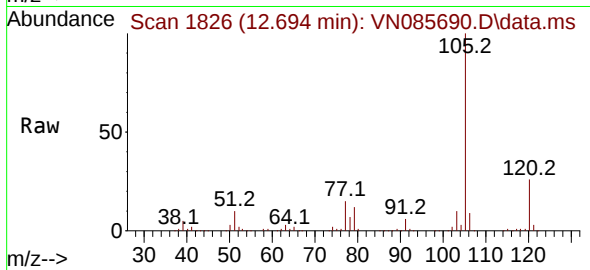
VSTDCCC050EC

Tgt Ion:105 Resp: 583338
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.3

Manual Integrations

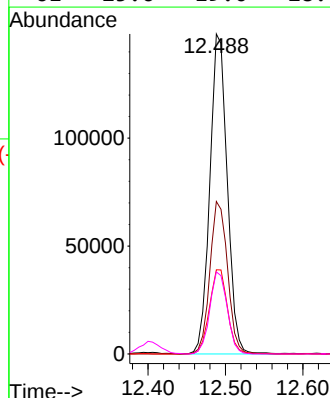
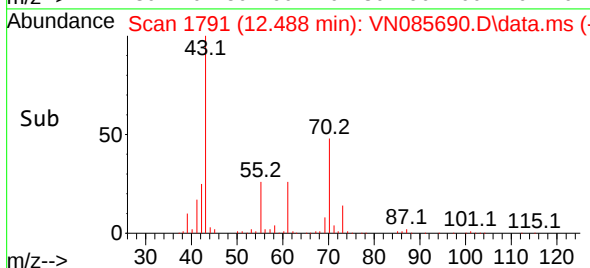
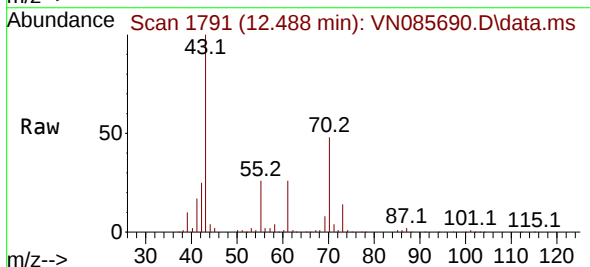
APPROVED

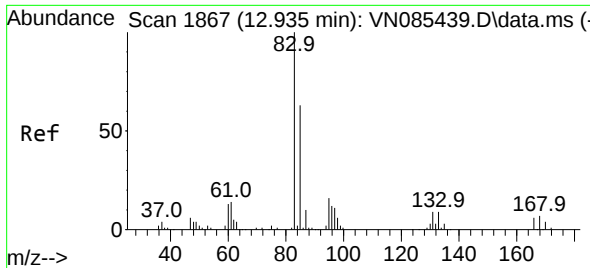
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#74
N-ethyl acetate
Concen: 50.244 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

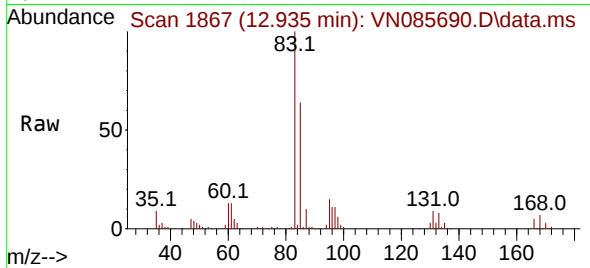
Tgt Ion: 43 Resp: 231247
Ion Ratio Lower Upper
43 100
70 48.3 34.0 51.0
55 27.5 21.4 32.2
61 25.6 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 50.896 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

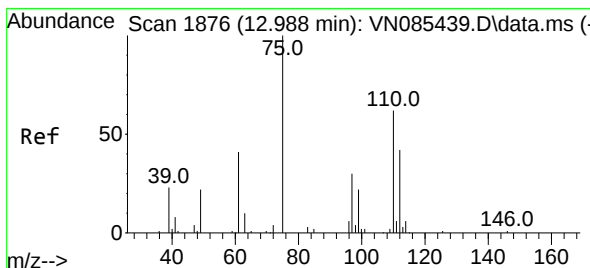
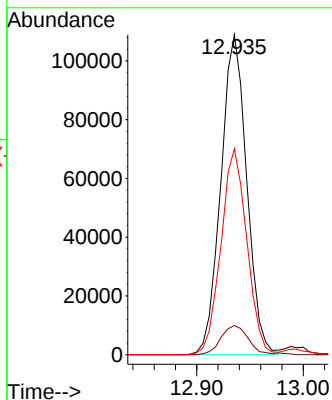
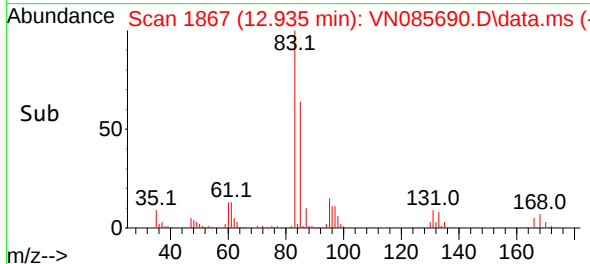
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 18409
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.4
85 64.2 32.2 96.6

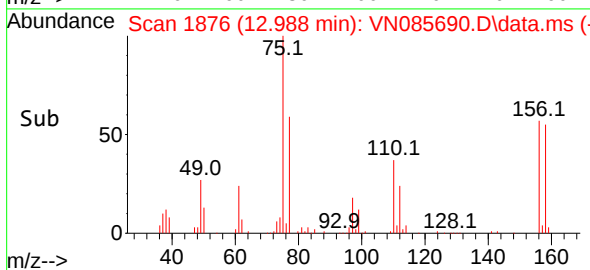
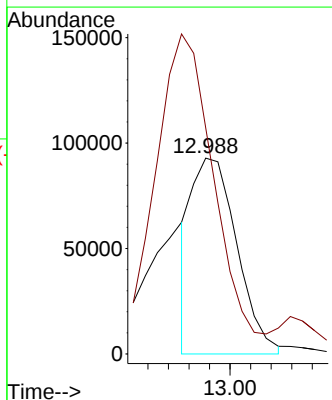
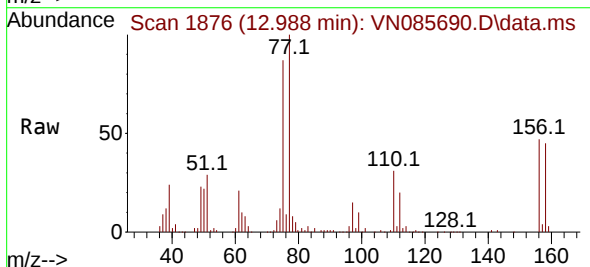
Manual Integrations
APPROVED

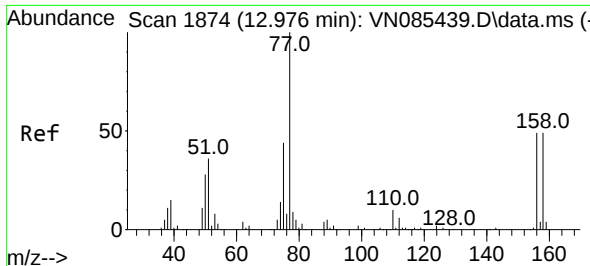
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#76
1,2,3-Trichloropropane
Concen: 46.038 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

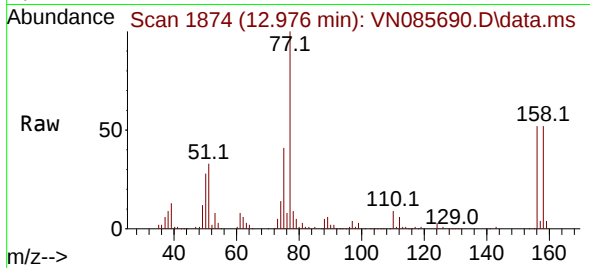
Tgt Ion: 75 Resp: 141966
Ion Ratio Lower Upper
75 100
77 216.1 109.7 329.2





#77
Bromobenzene
Concen: 52.557 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

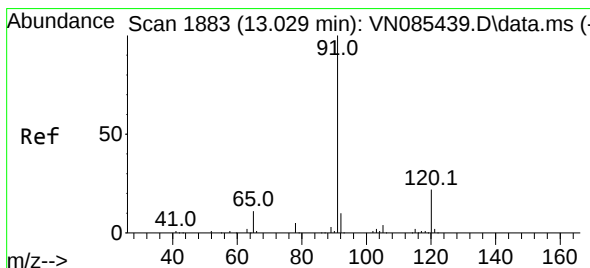
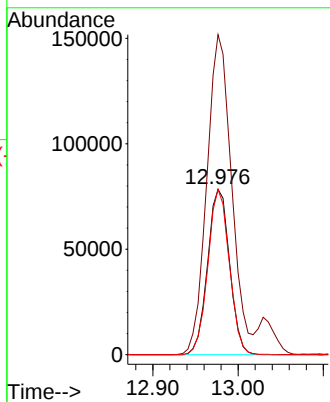
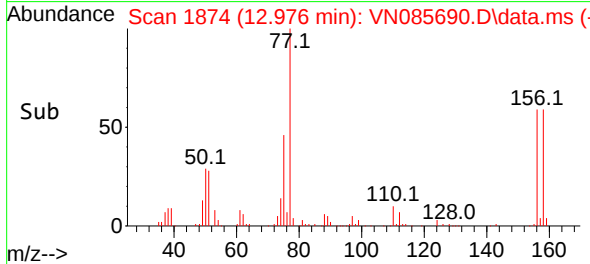
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 14060
Ion Ratio Lower Upper
156 100
77 218.2 114.1 342.4
158 97.3 48.9 146.8

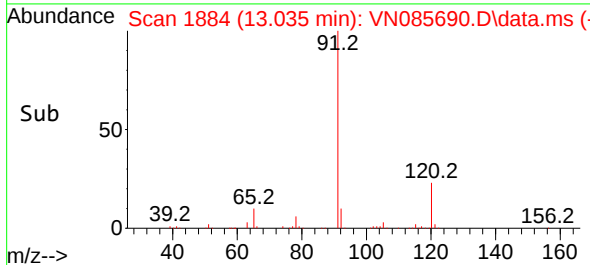
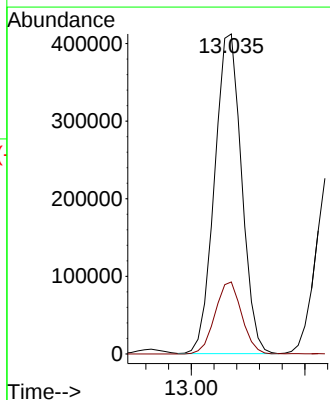
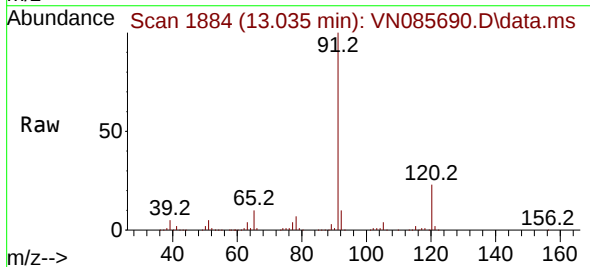
Manual Integrations
APPROVED

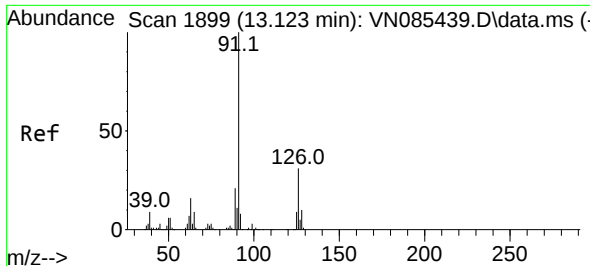
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#78
n-propylbenzene
Concen: 56.183 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

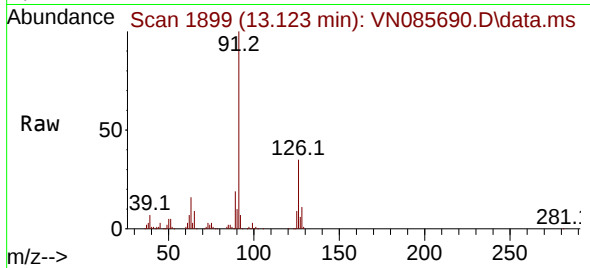
Tgt Ion: 91 Resp: 681047
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.6





#79
2-Chlorotoluene
Concen: 52.935 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

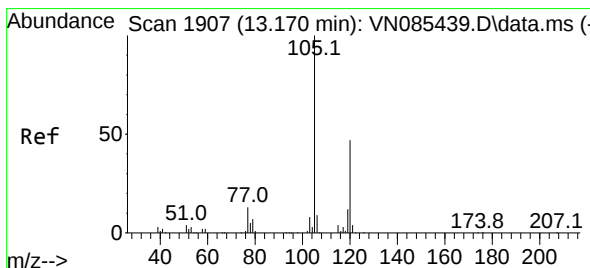
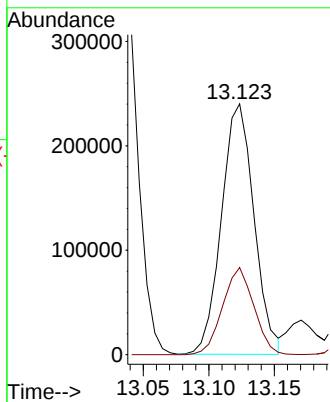
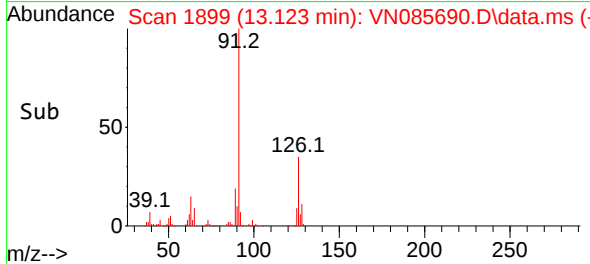
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



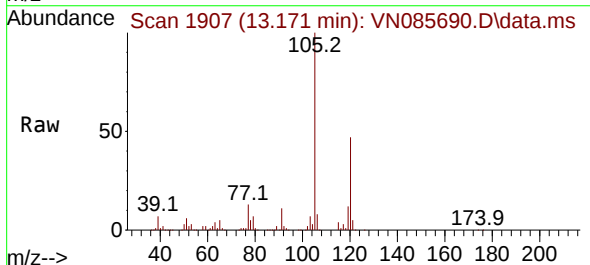
Tgt Ion: 91 Resp: 415289
Ion Ratio Lower Upper
91 100
126 33.3 15.7 47.1

Manual Integrations
APPROVED

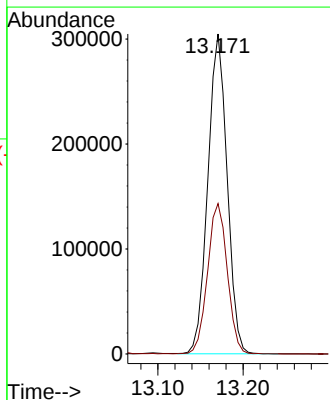
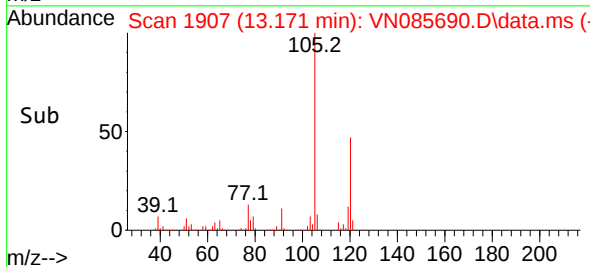
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

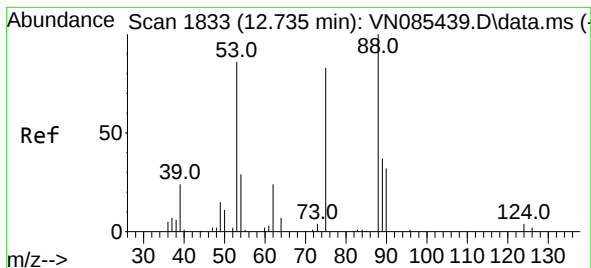


#80
1,3,5-Trimethylbenzene
Concen: 56.497 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23



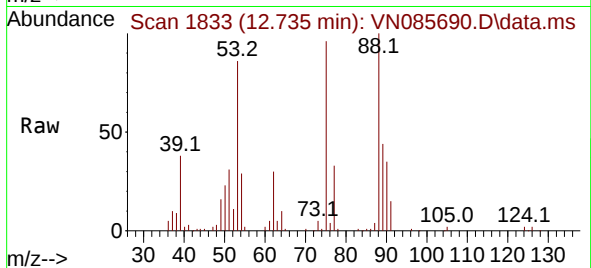
Tgt Ion:105 Resp: 477849
Ion Ratio Lower Upper
105 100
120 48.3 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 54.925 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

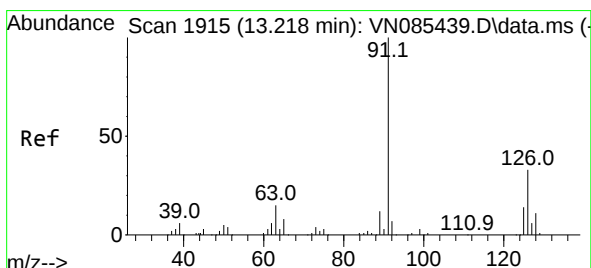
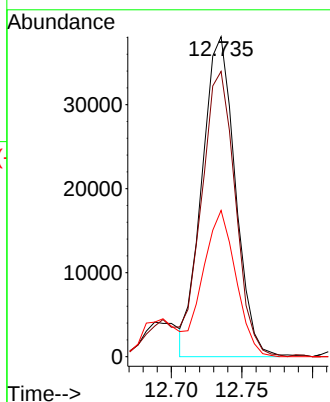
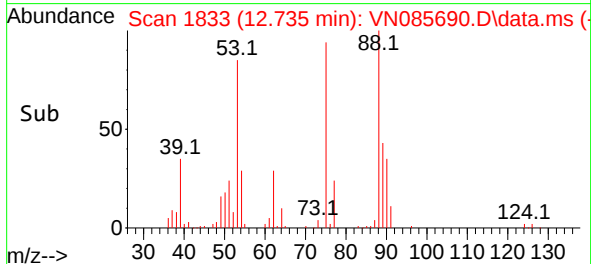
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



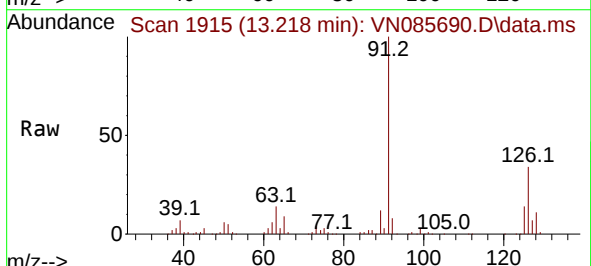
Tgt Ion: 75 Resp: 6260
Ion Ratio Lower Upper
75 100
53 92.2 95.6 143.4
89 45.6 37.0 55.6

Manual Integrations
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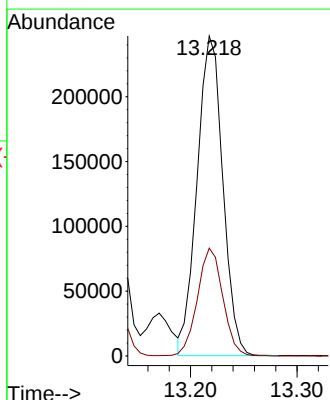
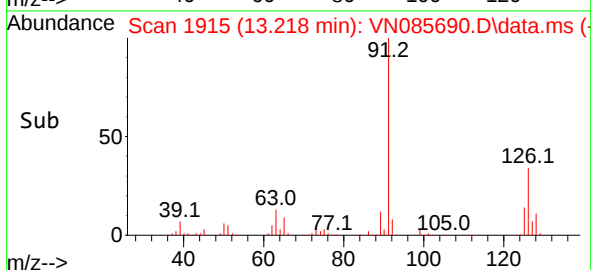
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

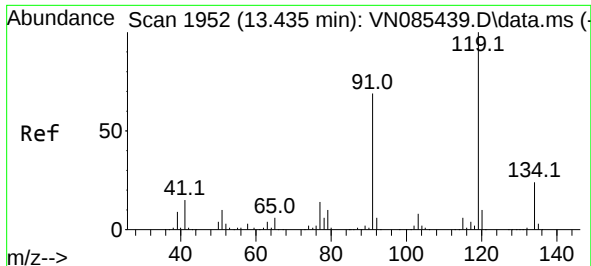


#82
4-Chlorotoluene
Concen: 52.977 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23



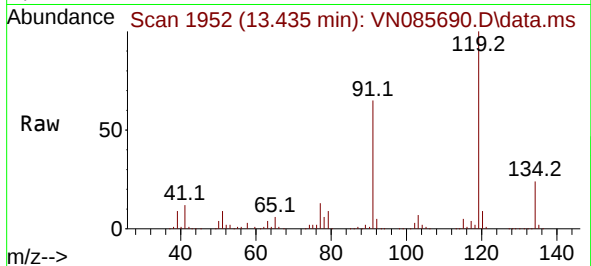
Tgt Ion: 91 Resp: 413822
Ion Ratio Lower Upper
91 100
126 33.3 15.9 47.7





#83
tert-Butylbenzene
Concen: 55.897 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

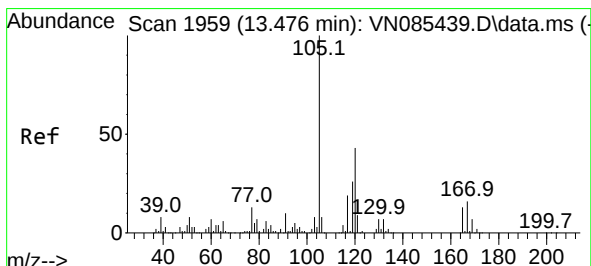
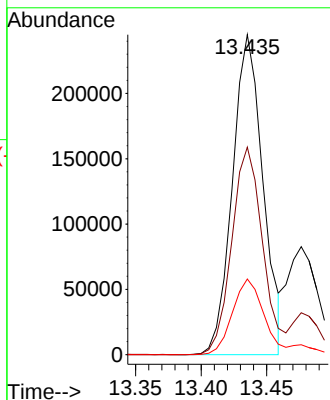
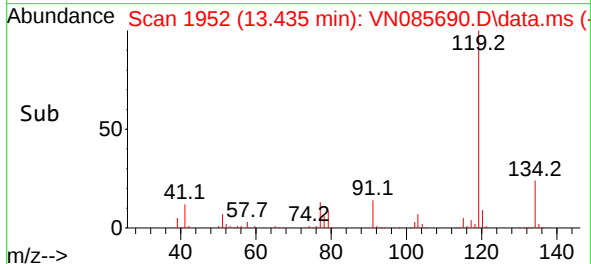
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 397023
Ion Ratio Lower Upper
119 100
91 66.0 35.1 105.3
134 24.1 12.0 36.1

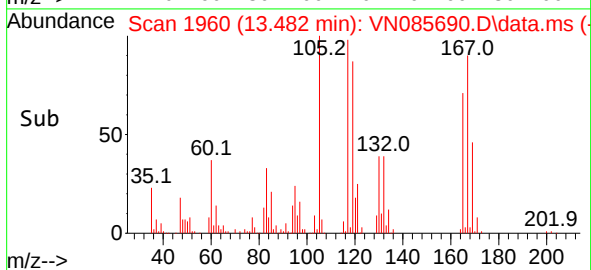
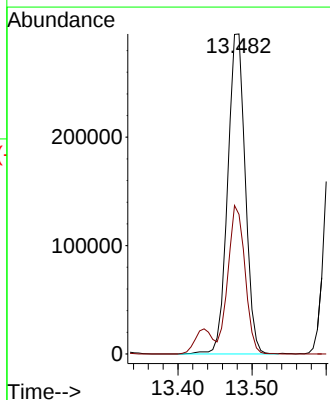
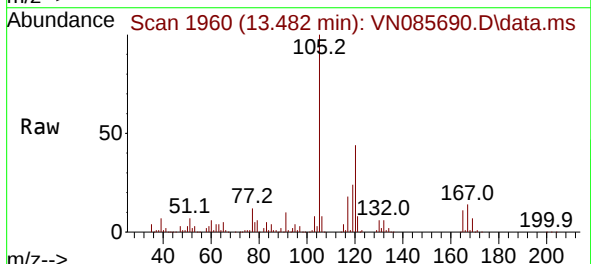
Manual Integrations
APPROVED

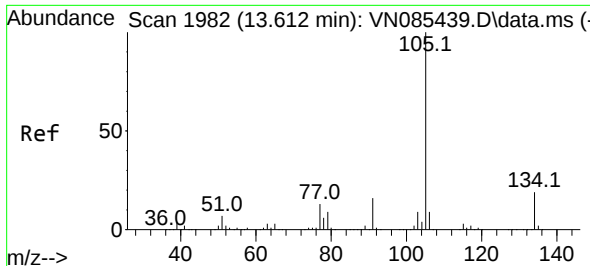
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#84
1,2,4-Trimethylbenzene
Concen: 57.665 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

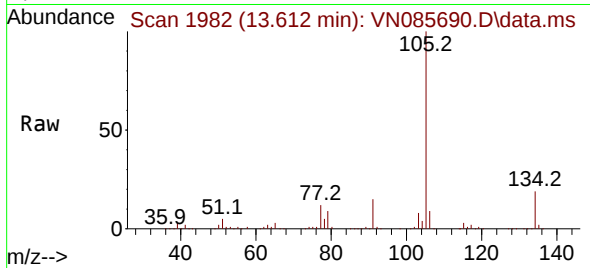
Tgt Ion:105 Resp: 486107
Ion Ratio Lower Upper
105 100
120 44.7 21.6 65.0





#85
 sec-Butylbenzene
 Concen: 56.776 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085690.D
 Acq: 05 Feb 2025 20:23

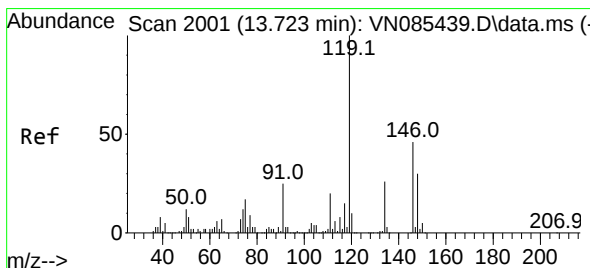
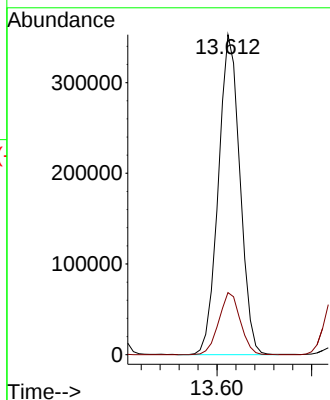
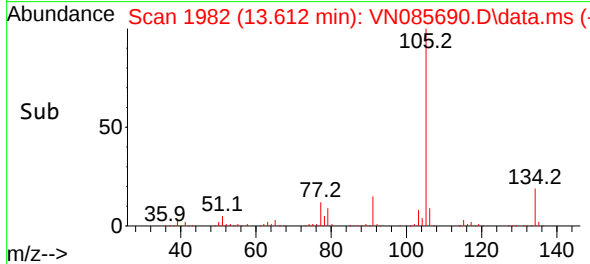
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



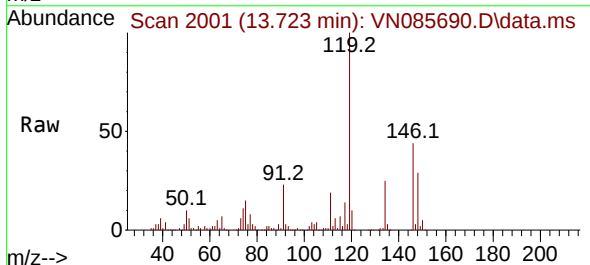
Tgt Ion:105 Resp: 558908
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9

Manual Integrations
 APPROVED

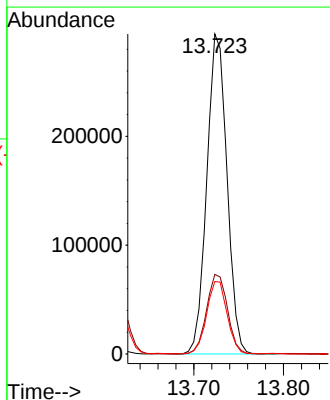
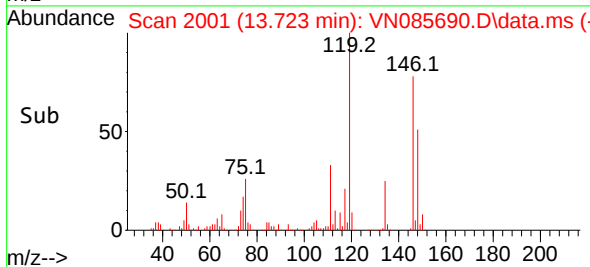
Reviewed By :John Carlone 02/07/2025
 Supervised By :Mahesh Dadoda 02/07/2025

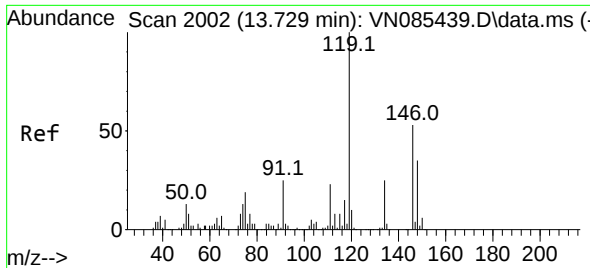


#86
 p-Isopropyltoluene
 Concen: 51.626 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085690.D
 Acq: 05 Feb 2025 20:23



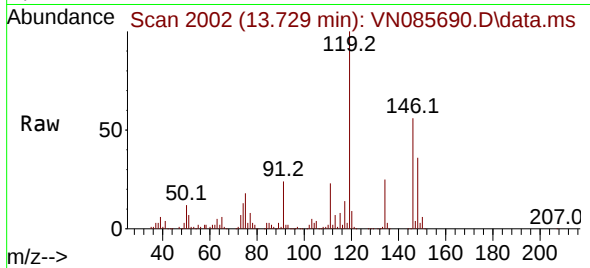
Tgt Ion:119 Resp: 459479
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.7 38.0
 91 23.0 12.7 38.1





#87
 1,3-Dichlorobenzene
 Concen: 52.248 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085690.D
 Acq: 05 Feb 2025 20:23

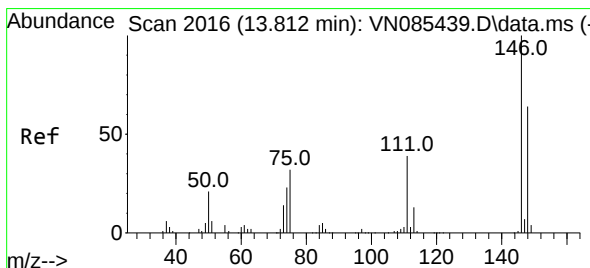
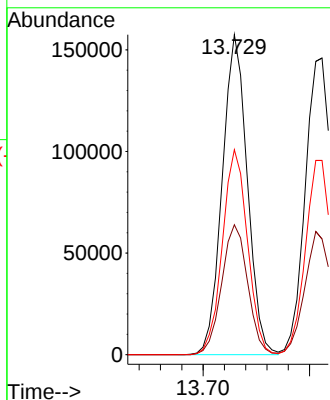
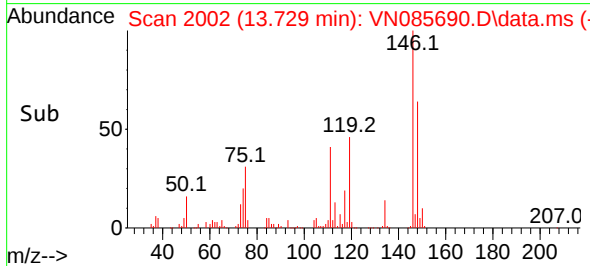
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



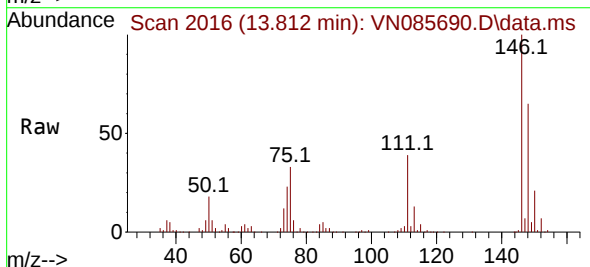
Tgt Ion:146 Resp: 25741
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.4 64.3
 148 64.2 32.3 96.9

Manual Integrations
 APPROVED

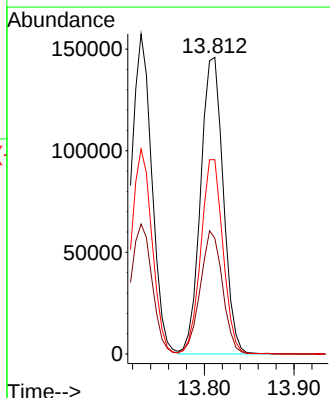
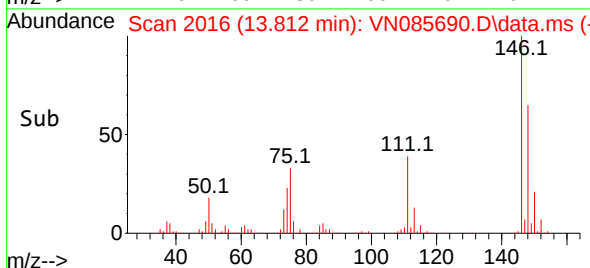
Reviewed By :John Carlone 02/07/2025
 Supervised By :Mahesh Dadoda 02/07/2025

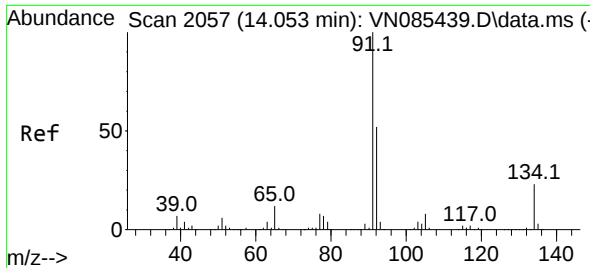


#88
 1,4-Dichlorobenzene
 Concen: 50.078 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN085690.D
 Acq: 05 Feb 2025 20:23



Tgt Ion:146 Resp: 255729
 Ion Ratio Lower Upper
 146 100
 111 40.6 21.3 63.7
 148 64.1 32.4 97.0





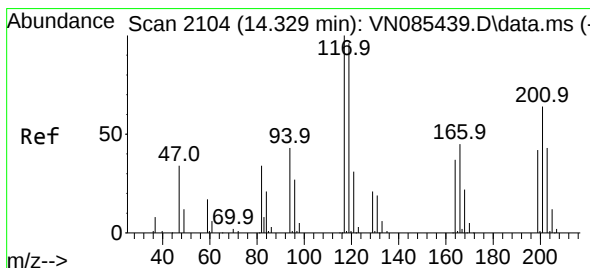
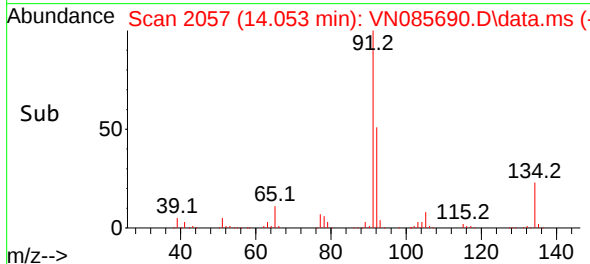
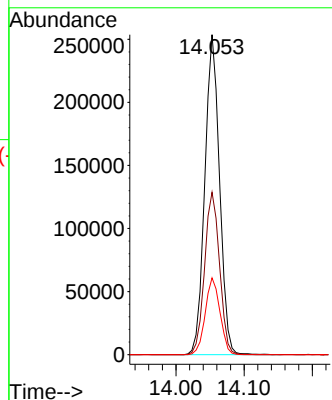
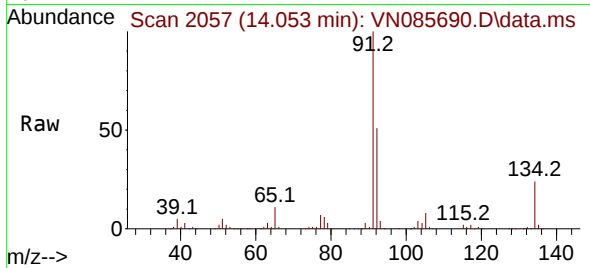
#89
n-Butylbenzene
Concen: 54.022 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 381518
Ion Ratio Lower Upper
91 100
92 51.5 25.8 77.3
134 24.0 11.7 35.1

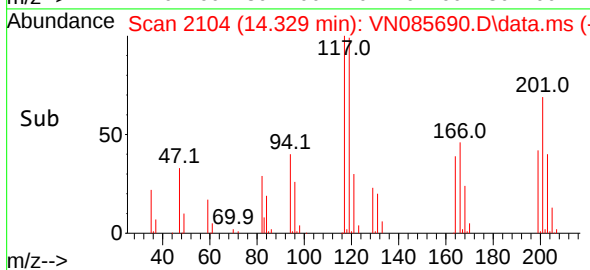
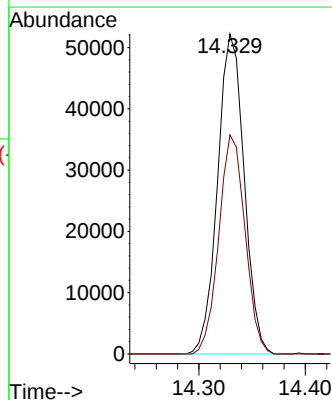
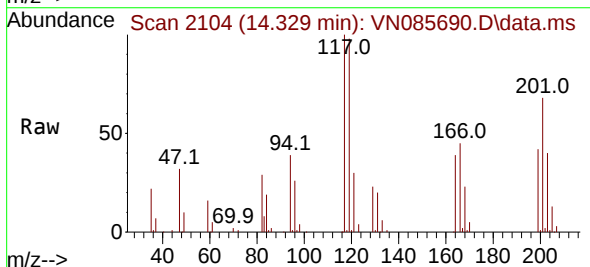
Manual Integrations
APPROVED

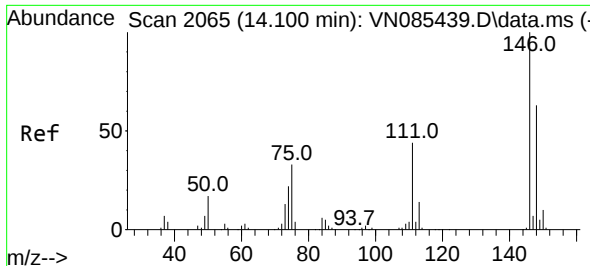
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#90
Hexachloroethane
Concen: 48.187 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

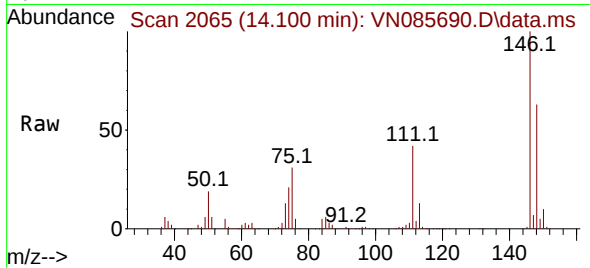
Tgt Ion:117 Resp: 90305
Ion Ratio Lower Upper
117 100
201 67.7 33.7 101.0





#91
1,2-Dichlorobenzene
Concen: 50.785 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

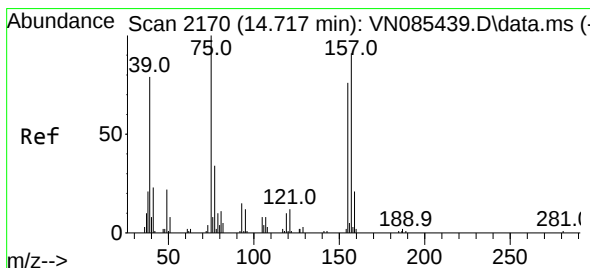
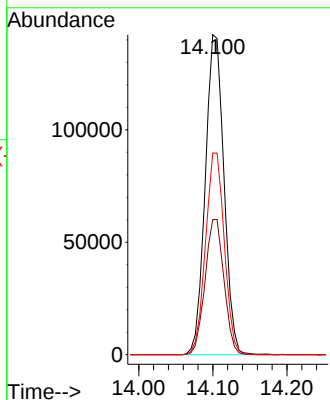
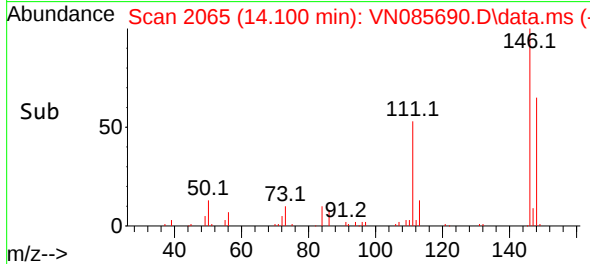
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



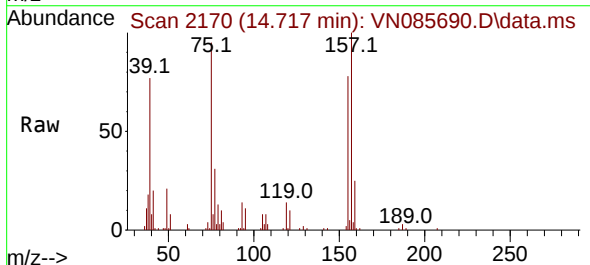
Tgt Ion:146 Resp: 24957
Ion Ratio Lower Upper
146 100
111 42.8 21.7 65.1
148 63.5 31.4 94.2

Manual Integrations
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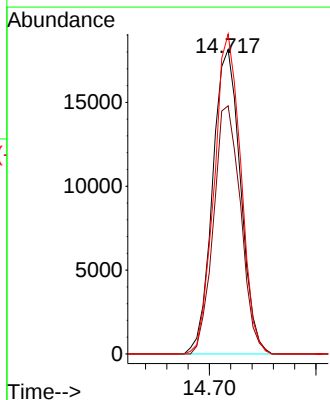
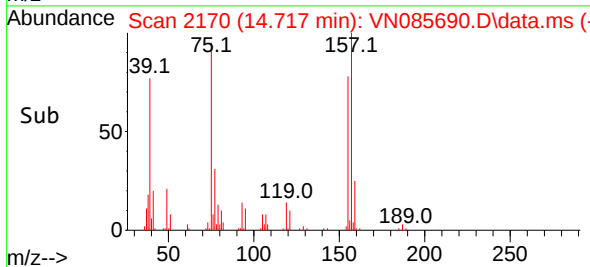
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

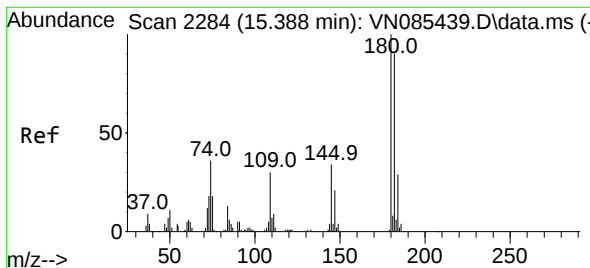


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.899 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23



Tgt Ion: 75 Resp: 32958
Ion Ratio Lower Upper
75 100
155 79.4 36.4 109.2
157 100.3 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 50.403 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN085690.D

Acq: 05 Feb 2025 20:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 11512

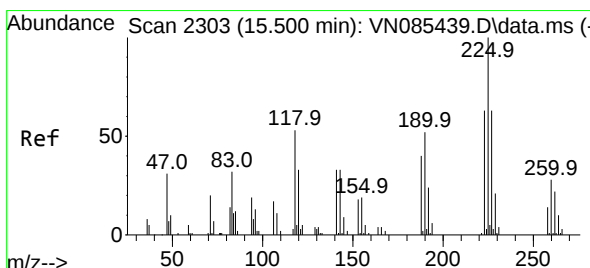
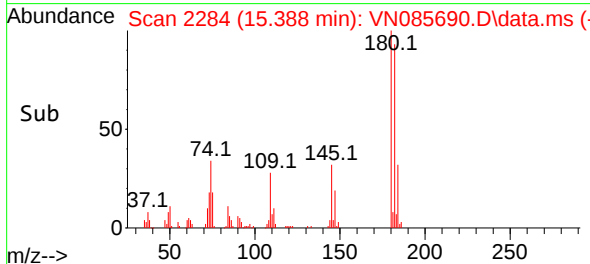
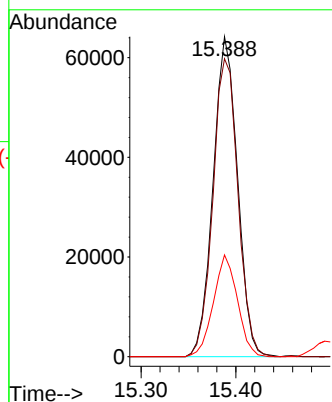
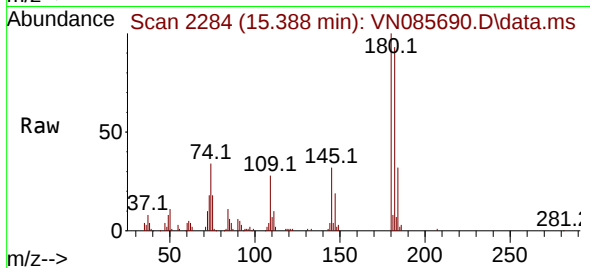
Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.8	140.3
145	31.2	16.0	48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2025

Supervised By :Mahesh Dadoda 02/07/2025



#94

Hexachlorobutadiene

Concen: 43.631 ug/l

RT: 15.500 min Scan# 2303

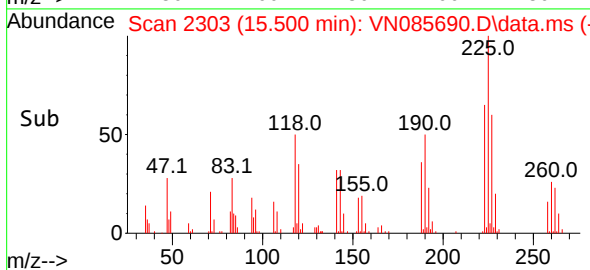
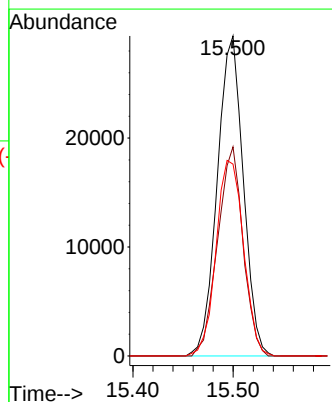
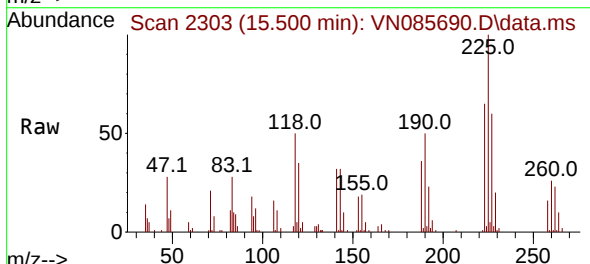
Delta R.T. 0.000 min

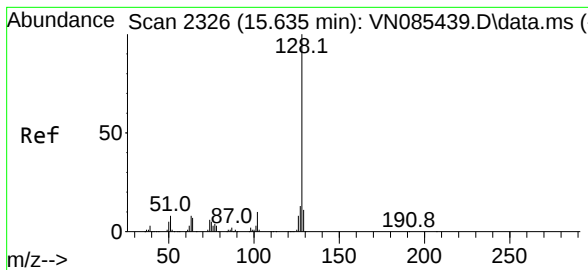
Lab File: VN085690.D

Acq: 05 Feb 2025 20:23

Tgt Ion:225 Resp: 52907

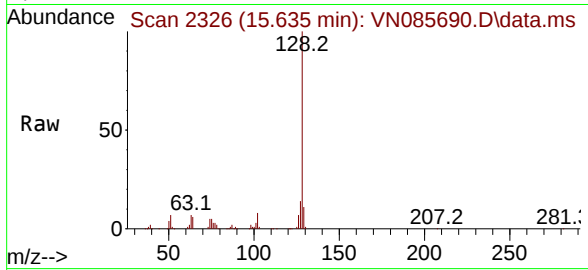
Ion	Ratio	Lower	Upper
225	100		
223	63.6	30.7	92.1
227	64.5	30.9	92.5





#95
Naphthalene
Concen: 56.510 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23

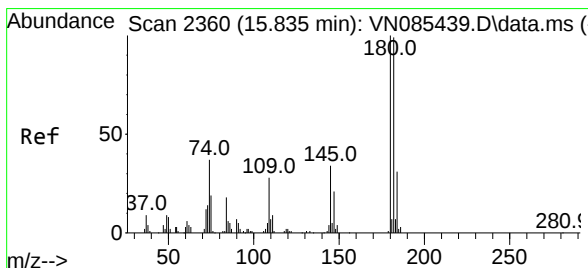
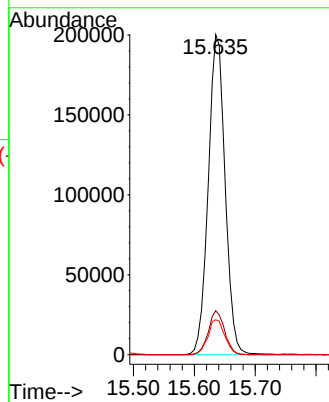
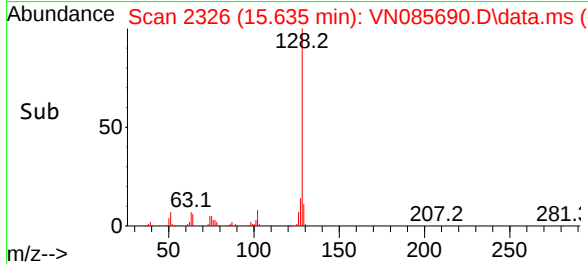
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



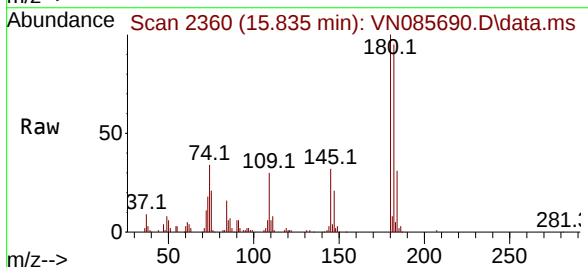
Tgt Ion:128 Resp: 385152
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.323 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085690.D
Acq: 05 Feb 2025 20:23



Tgt Ion:180 Resp: 113989
Ion Ratio Lower Upper
180 100
182 95.8 47.4 142.2
145 34.2 16.9 50.7

