

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020725\
 Data File : VN085692.D
 Acq On : 07 Feb 2025 12:28
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/10/2025
 Supervised By : Mahesh Dadoda 02/10/2025

Quant Time: Feb 07 22:28:19 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	240139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	390555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	357102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	183220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149845	38.656	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	77.320%		
35) Dibromofluoromethane	8.165	113	121174	44.722	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.440%		
50) Toluene-d8	10.565	98	441283	45.839	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.680%		
62) 4-Bromofluorobenzene	12.847	95	156363	47.482	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	193527	59.521	ug/l	100
3) Chloromethane	2.359	50	184250	52.338	ug/l	97
4) Vinyl Chloride	2.512	62	194995	55.107	ug/l	94
5) Bromomethane	2.936	94	111728	52.273	ug/l	94
6) Chloroethane	3.112	64	121757	54.274	ug/l	98
7) Trichlorofluoromethane	3.495	101	270765	52.737	ug/l	99
8) Diethyl Ether	3.959	74	86367	48.693	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	155732	53.853	ug/l	98
10) Methyl Iodide	4.583	142	195788	59.121	ug/l	95
11) Tert butyl alcohol	5.518	59	126445	284.872	ug/l	100
12) 1,1-Dichloroethene	4.342	96	140577	54.545	ug/l	89
13) Acrolein	4.177	56	97641	161.146	ug/l	99
14) Allyl chloride	5.018	41	187656	44.872	ug/l	96
15) Acrylonitrile	5.712	53	360798	255.910	ug/l	99
16) Acetone	4.424	43	289217	230.916	ug/l	96
17) Carbon Disulfide	4.712	76	423865	53.415	ug/l	99
18) Methyl Acetate	5.018	43	177662	46.648	ug/l	94
19) Methyl tert-butyl Ether	5.788	73	445210	53.200	ug/l	97
20) Methylene Chloride	5.271	84	164757	53.137	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	150847	54.767	ug/l	96
22) Diisopropyl ether	6.671	45	458010	49.342	ug/l	97
23) Vinyl Acetate	6.600	43	1658120	255.250	ug/l	96
24) 1,1-Dichloroethane	6.565	63	286659	50.647	ug/l	97
25) 2-Butanone	7.477	43	442138	239.884	ug/l	92
26) 2,2-Dichloropropane	7.482	77	239724	52.387	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	178788	55.111	ug/l	94
28) Bromochloromethane	7.812	49	114151	43.350	ug/l	89
29) Tetrahydrofuran	7.835	42	300717	257.341	ug/l	91
30) Chloroform	7.959	83	303105	51.815	ug/l	98
31) Cyclohexane	8.253	56	230640	46.883	ug/l	90
32) 1,1,1-Trichloroethane	8.165	97	265195	51.683	ug/l	96
36) 1,1-Dichloropropene	8.365	75	210747	55.420	ug/l	98
37) Ethyl Acetate	7.553	43	189318	49.323	ug/l	97
38) Carbon Tetrachloride	8.359	117	238495	54.783	ug/l	98
39) Methylcyclohexane	9.600	83	209643	58.667	ug/l	97
40) Benzene	8.600	78	654219	57.257	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	98286	49.219	ug/l	93
42) 1,2-Dichloroethane	8.665	62	223006	51.822	ug/l	98
43) Isopropyl Acetate	8.682	43	332386	54.044	ug/l	99
44) Trichloroethene	9.347	130	151079	56.803	ug/l	100
45) 1,2-Dichloropropane	9.618	63	159785	54.749	ug/l	99
46) Dibromomethane	9.706	93	114971	54.595	ug/l	95
47) Bromodichloromethane	9.888	83	237868	55.443	ug/l	100
48) Methyl methacrylate	9.676	41	145436	52.546	ug/l	93
49) 1,4-Dioxane	9.688	88	56652	1215.479	ug/l #	91
51) 4-Methyl-2-Pentanone	10.441	43	963431	269.950	ug/l	94
52) Toluene	10.629	92	411748	62.194	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	231756	57.161	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	248389	57.354	ug/l	92
55) 1,1,2-Trichloroethane	11.012	97	153849	58.721	ug/l	99
56) Ethyl methacrylate	10.871	69	228159	51.630	ug/l	91
57) 1,3-Dichloropropane	11.159	76	261356	57.369	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	246258	148.112	ug/l	98
59) 2-Hexanone	11.194	43	694577	276.591	ug/l	92
60) Dibromochloromethane	11.359	129	183629	58.053	ug/l	99
61) 1,2-Dibromoethane	11.470	107	150526	57.717	ug/l	100
64) Tetrachloroethene	11.100	164	141892	58.284	ug/l	98
65) Chlorobenzene	11.888	112	438869	56.100	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	157533	54.867	ug/l	99
67) Ethyl Benzene	11.965	91	757847	59.478	ug/l	98
68) m/p-Xylenes	12.065	106	597610	126.907	ug/l	96
69) o-Xylene	12.394	106	275907	61.309	ug/l	97
70) Styrene	12.412	104	483655	64.939	ug/l	97
71) Bromoform	12.576	173	121709	59.244	ug/l #	100
73) Isopropylbenzene	12.694	105	692602	56.010	ug/l	99
74) N-amyl acetate	12.494	43	265232	47.719	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	219941	50.351	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	178231m	47.860	ug/l	
77) Bromobenzene	12.976	156	174398	53.981	ug/l	96
78) n-propylbenzene	13.035	91	836286	57.127	ug/l	99
79) 2-Chlorotoluene	13.123	91	508484	53.670	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	588356	57.602	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	75377	54.763	ug/l	86
82) 4-Chlorotoluene	13.217	91	518019	54.913	ug/l	97
83) tert-Butylbenzene	13.435	119	469696	54.758	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	604574	59.387	ug/l	98
85) sec-Butylbenzene	13.611	105	672324	56.553	ug/l	100
86) p-Isopropyltoluene	13.729	119	566642	52.594	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	324477	54.536	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	318943	51.717	ug/l	99
89) n-Butylbenzene	14.053	91	469704	55.073	ug/l	98
90) Hexachloroethane	14.329	117	113738	50.256	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	311023	52.407	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	40650	50.962	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	144374	52.341	ug/l	99
94) Hexachlorobutadiene	15.500	225	74997	51.213	ug/l	100
95) Naphthalene	15.641	128	434902	52.838	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	142501	51.058	ug/l	99

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ClientSampleId :
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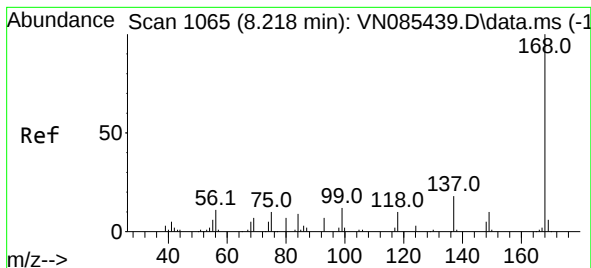
Manual Integrations
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Supervised By :Mahesh Dadoda 02/10/2025

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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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VN085692.D

Acq: 07 Feb 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 240139

Ion Ratio Lower Upper

168 100

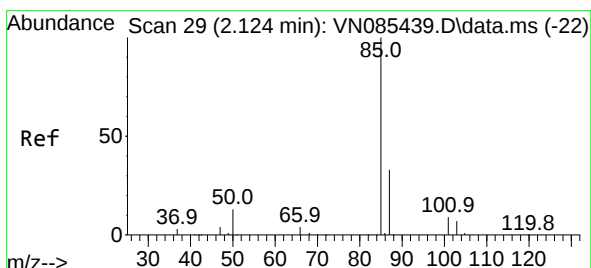
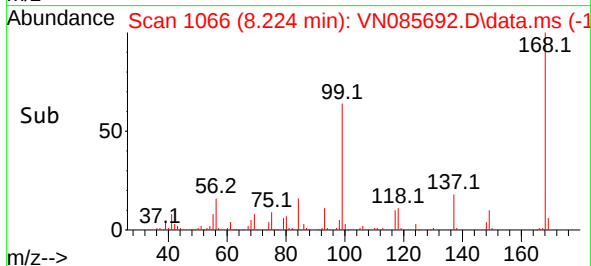
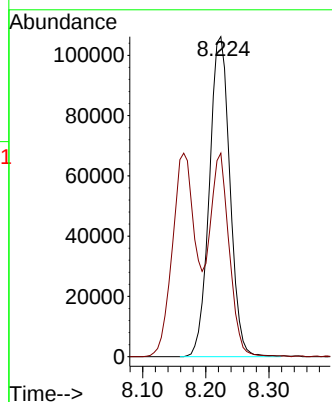
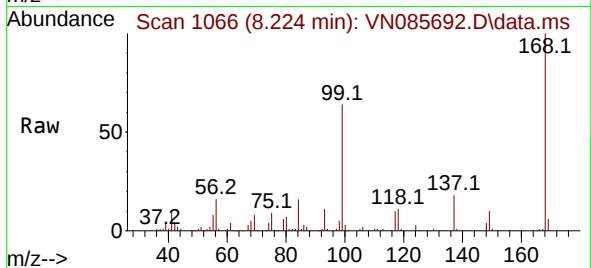
99 63.4 53.6 80.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 59.521 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN085692.D

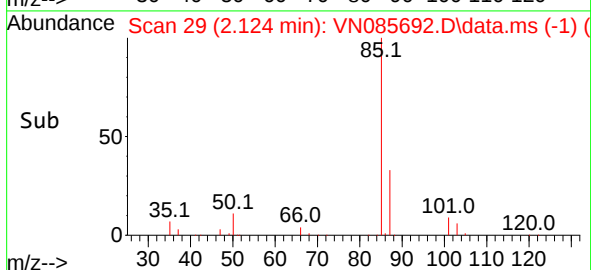
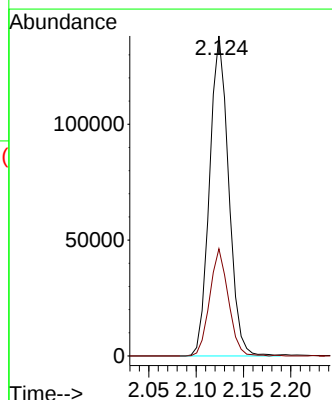
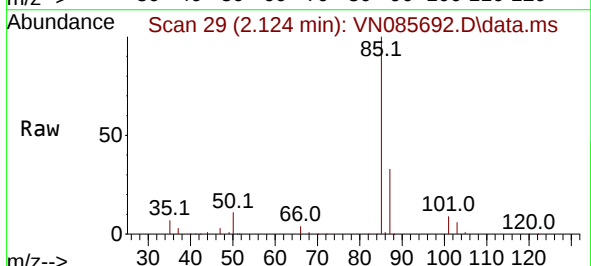
Acq: 07 Feb 2025 12:28

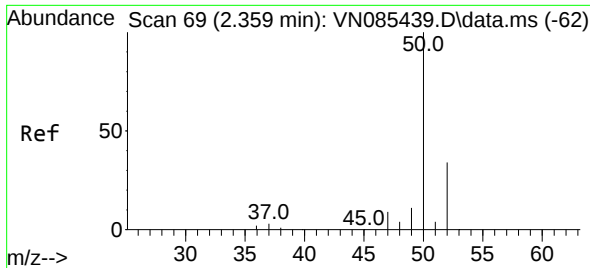
Tgt Ion: 85 Resp: 193527

Ion Ratio Lower Upper

85 100

87 33.5 16.7 50.1





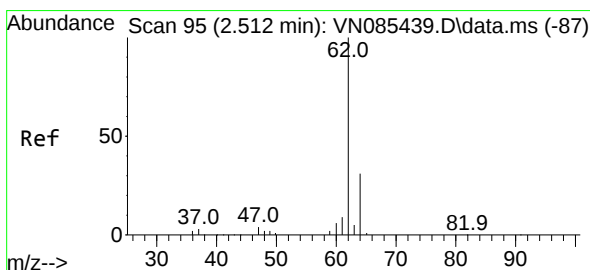
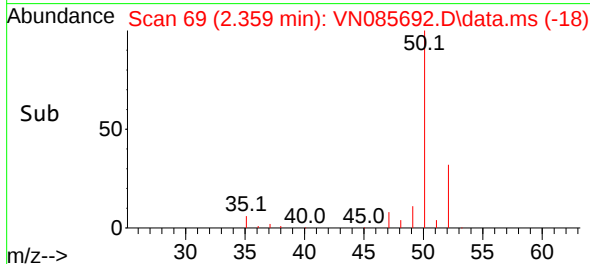
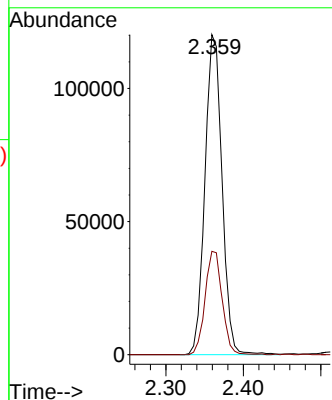
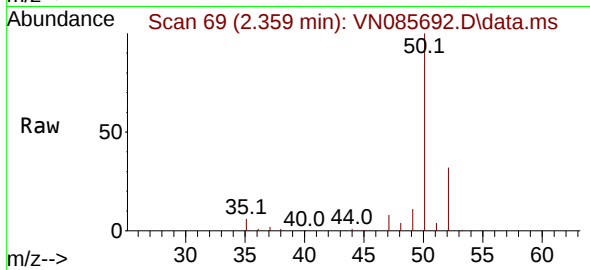
#3
Chloromethane
Concen: 52.338 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 184250
Ion Ratio Lower Upper
50 100
52 32.3 27.0 40.6

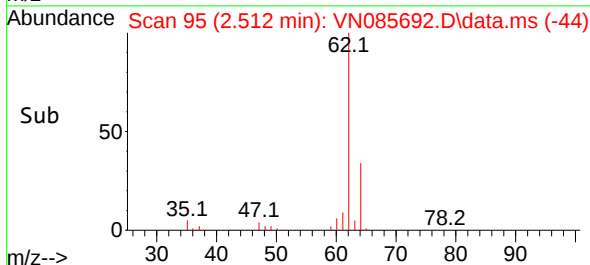
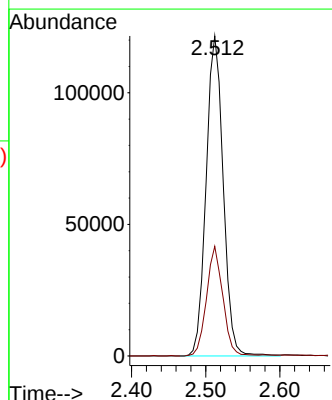
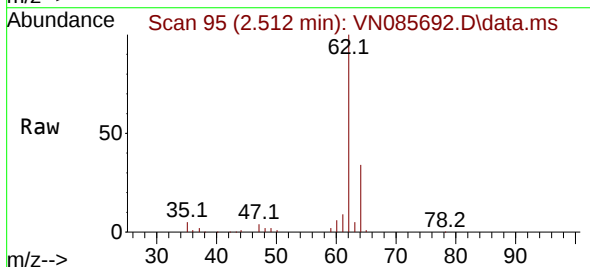
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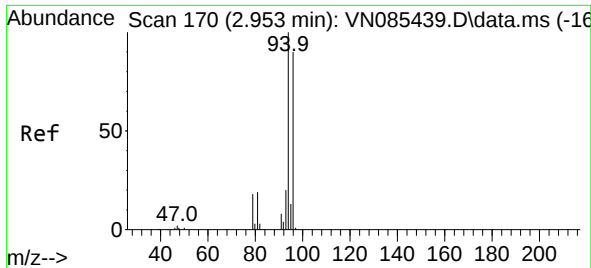
Reviewed By :John Carlone 02/10/2025
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#4
Vinyl Chloride
Concen: 55.107 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

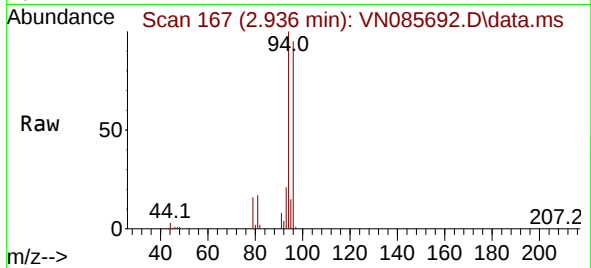
Tgt Ion: 62 Resp: 194995
Ion Ratio Lower Upper
62 100
64 34.2 24.8 37.2





#5
Bromomethane
Concen: 52.273 ug/l
RT: 2.936 min Scan# 111728
Delta R.T. -0.018 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

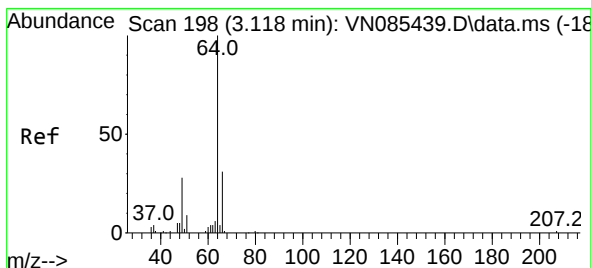
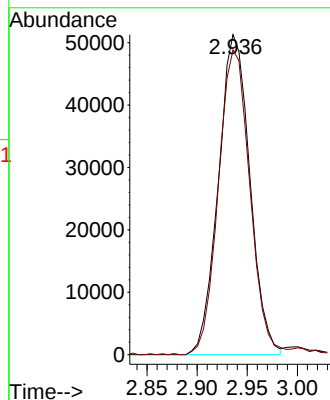
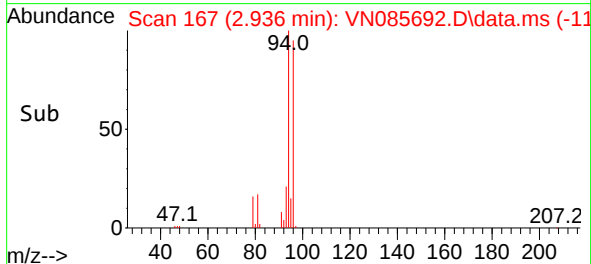
Instrument :
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Tgt Ion: 94 Resp: 111728
Ion Ratio Lower Upper
94 100
96 95.3 71.8 107.6

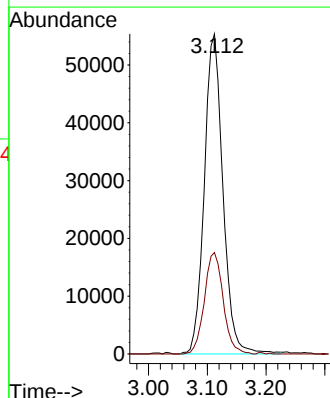
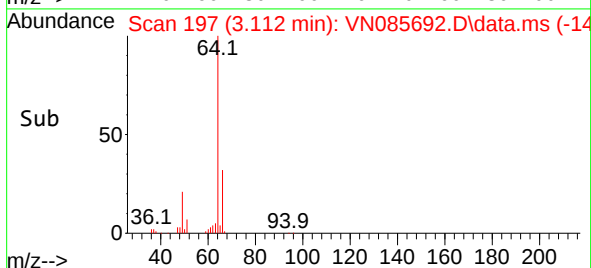
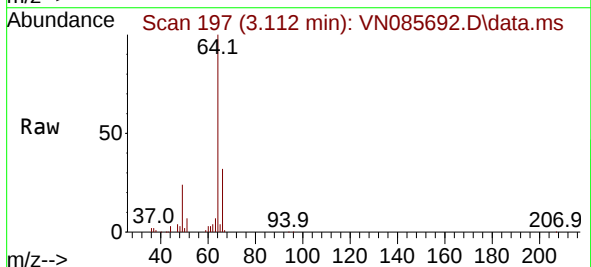
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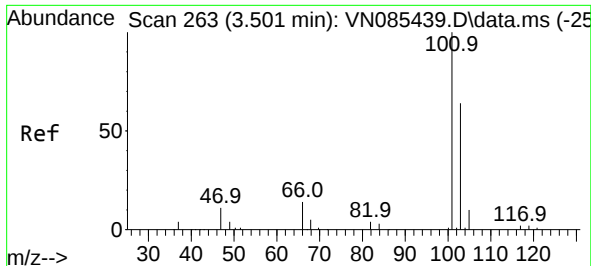
Reviewed By :John Carlone 02/10/2025
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#6
Chloroethane
Concen: 54.274 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
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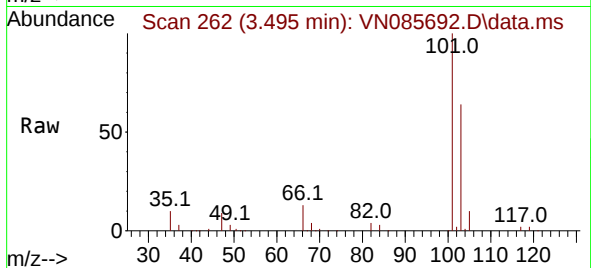
Tgt Ion: 64 Resp: 121757
Ion Ratio Lower Upper
64 100
66 31.7 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 52.737 ug/l
 RT: 3.495 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN085692.D
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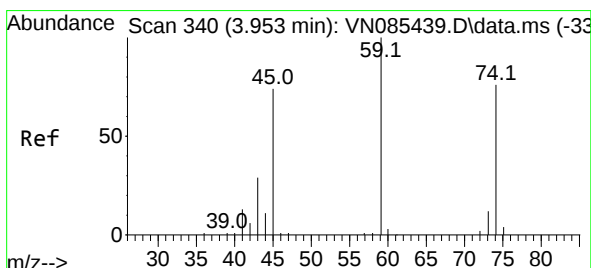
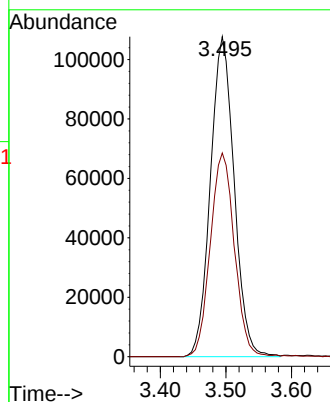
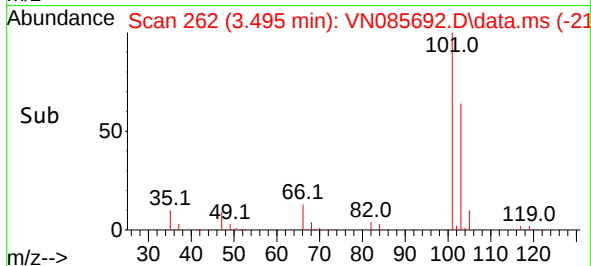
Instrument :
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 VSTDCCC050



Tgt Ion:101 Resp: 27076
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.4 77.2

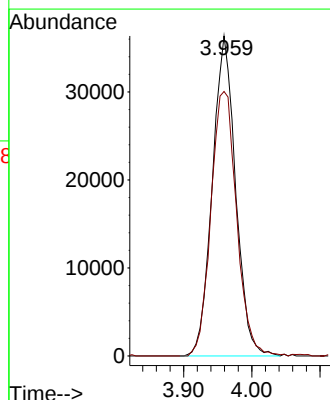
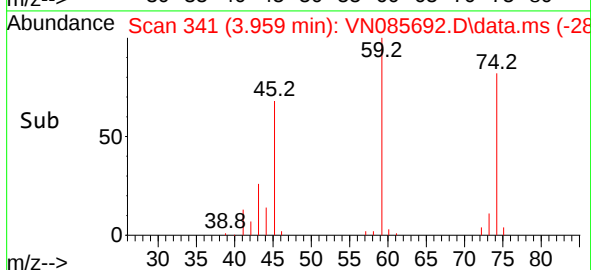
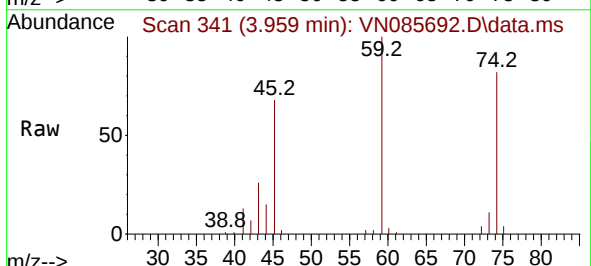
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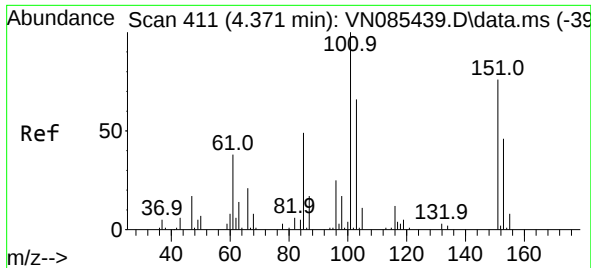
Reviewed By :John Carlone 02/10/2025
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#8
 Diethyl Ether
 Concen: 48.693 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085692.D
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Tgt Ion: 74 Resp: 86367
 Ion Ratio Lower Upper
 74 100
 45 91.3 49.7 149.1





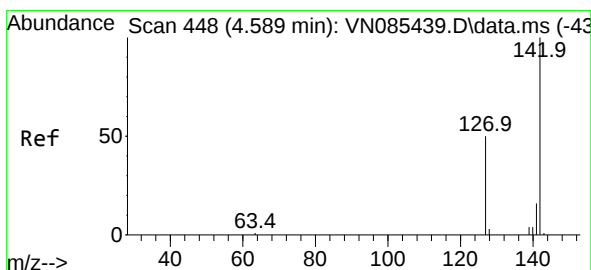
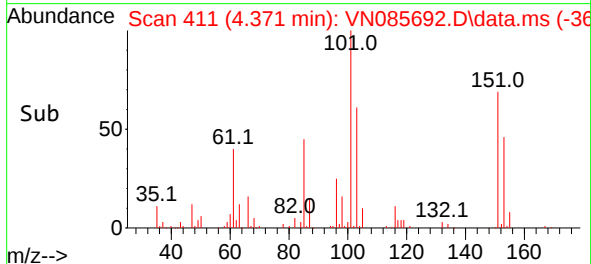
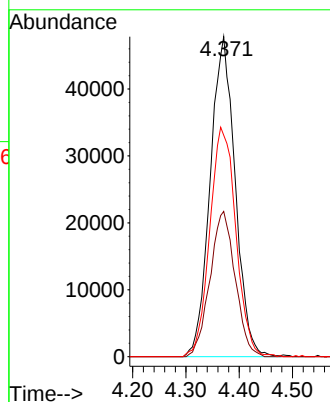
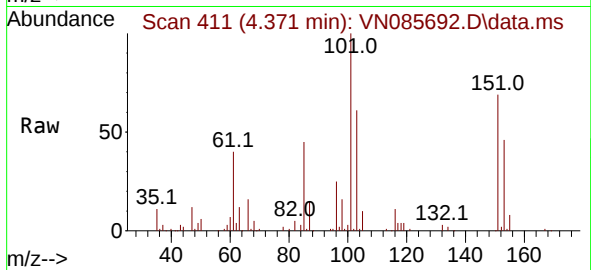
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.853 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 155732
Ion Ratio Lower Upper
101 100
85 45.7 37.8 56.8
151 74.8 58.8 88.2

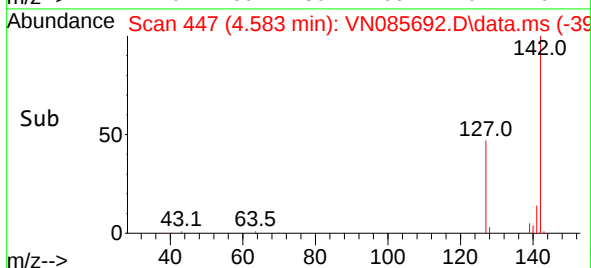
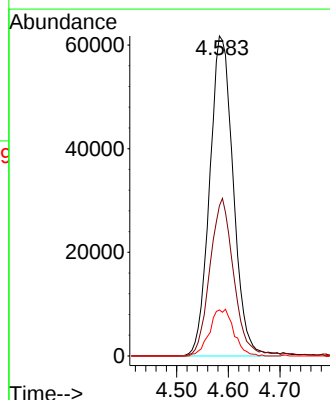
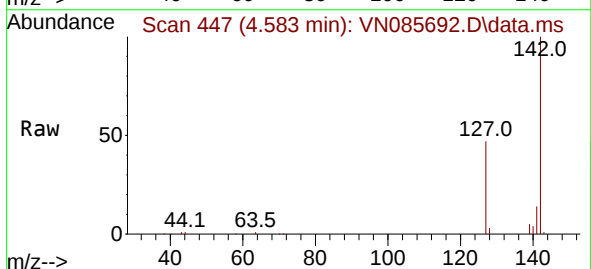
Manual Integrations
APPROVED

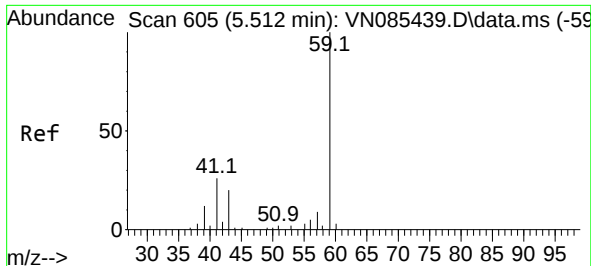
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#10
Methyl Iodide
Concen: 59.121 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

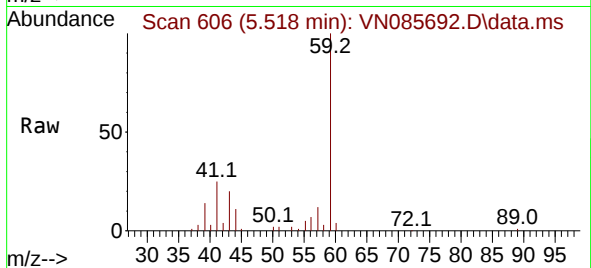
Tgt Ion:142 Resp: 195788
Ion Ratio Lower Upper
142 100
127 46.9 40.3 60.5
141 14.4 12.8 19.2





#11
Tert butyl alcohol
Concen: 284.872 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

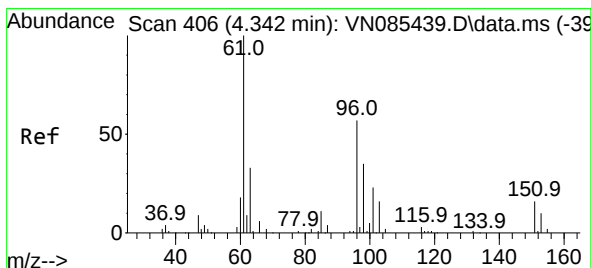
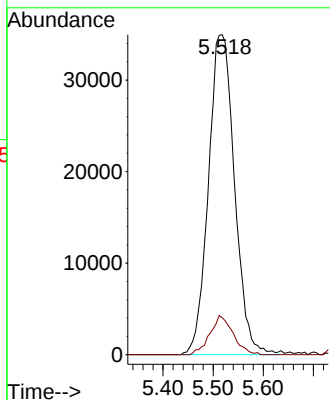
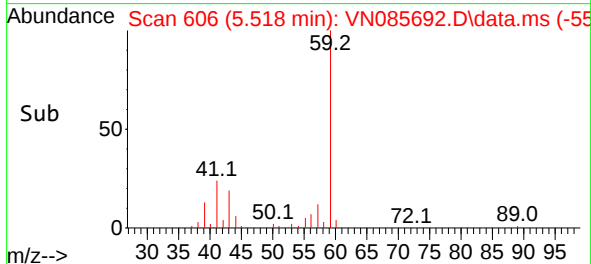
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



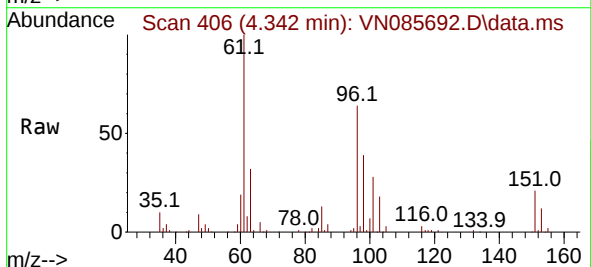
Tgt Ion: 59 Resp: 126445
Ion Ratio Lower Upper
59 100
57 10.9 8.6 13.0

Manual Integrations
APPROVED

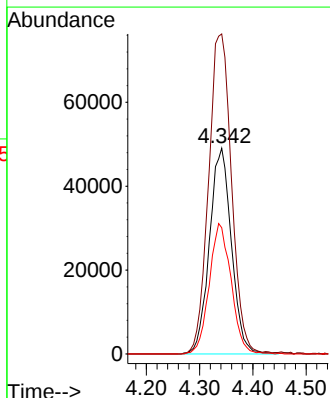
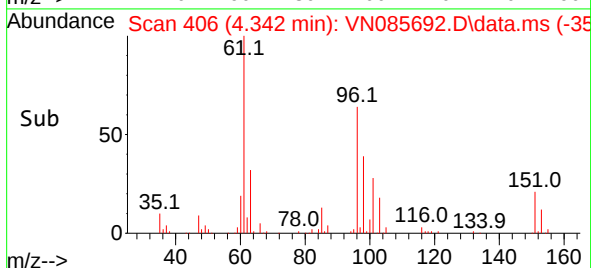
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#12
1,1-Dichloroethene
Concen: 54.545 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28



Tgt Ion: 96 Resp: 140577
Ion Ratio Lower Upper
96 100
61 155.5 141.0 211.4
98 61.4 49.0 73.6





#13

Acrolein

Concen: 161.146 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN085692.D

Acq: 07 Feb 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 9764

Ion Ratio Lower Upper

56 100

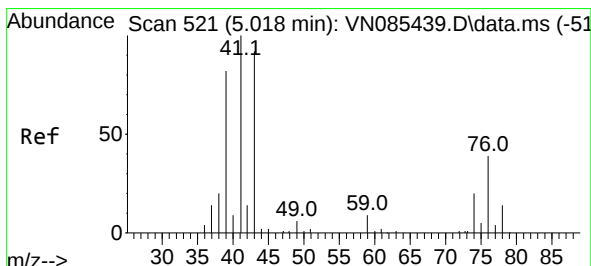
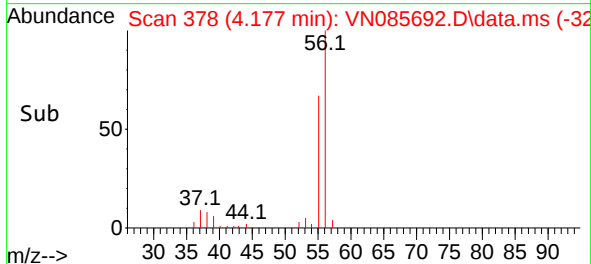
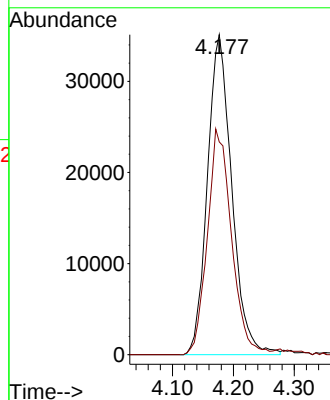
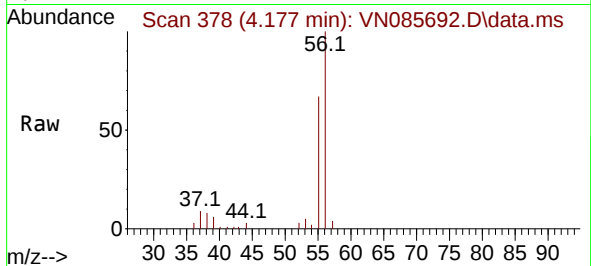
55 69.9 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#14

Allyl chloride

Concen: 44.872 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN085692.D

Acq: 07 Feb 2025 12:28

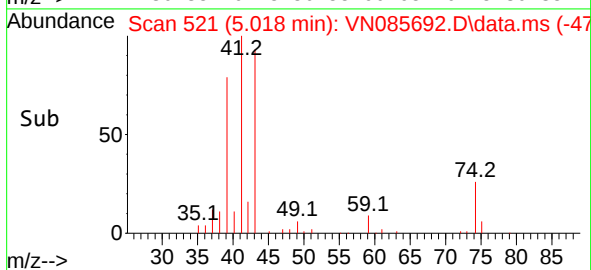
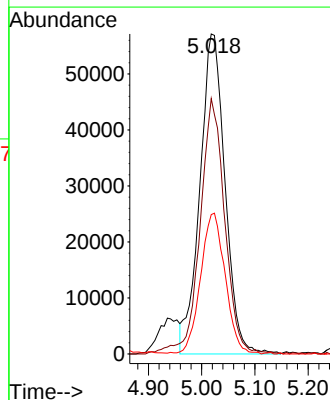
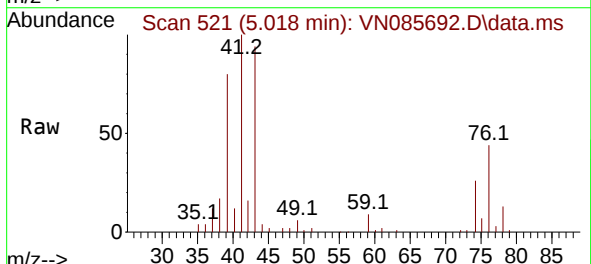
Tgt Ion: 41 Resp: 187656

Ion Ratio Lower Upper

41 100

39 78.2 64.4 96.6

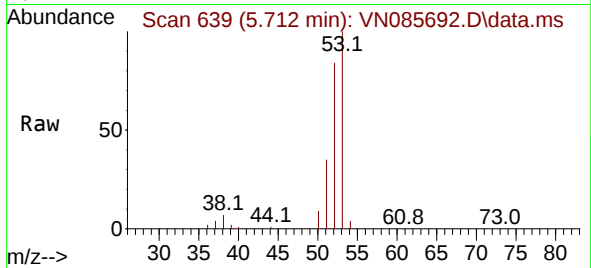
76 43.1 30.5 45.7





#15
Acrylonitrile
Concen: 255.910 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

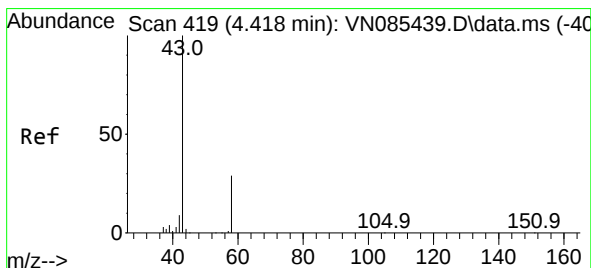
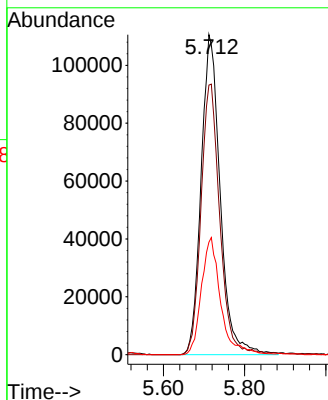
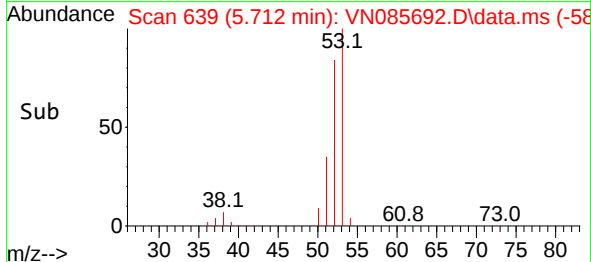
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



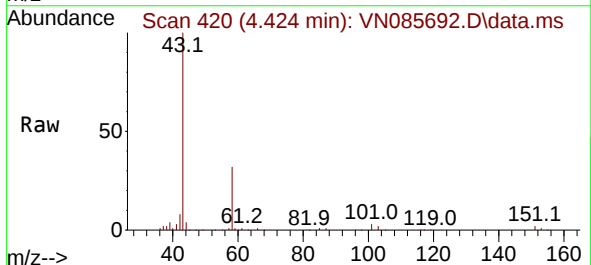
Tgt Ion: 53 Resp: 360798
Ion Ratio Lower Upper
53 100
52 82.3 65.5 98.3
51 36.8 29.8 44.8

Manual Integrations
APPROVED

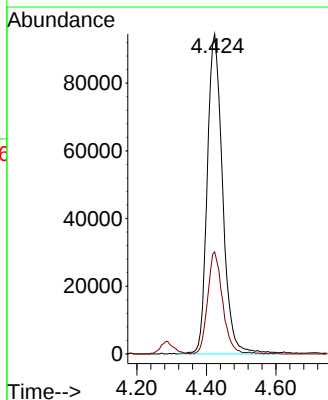
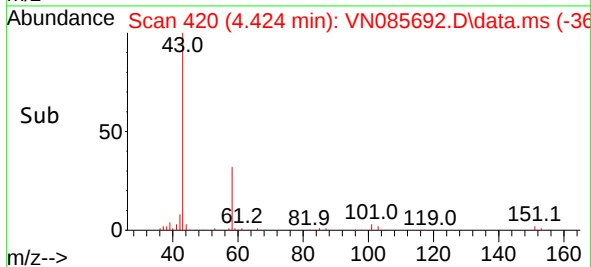
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

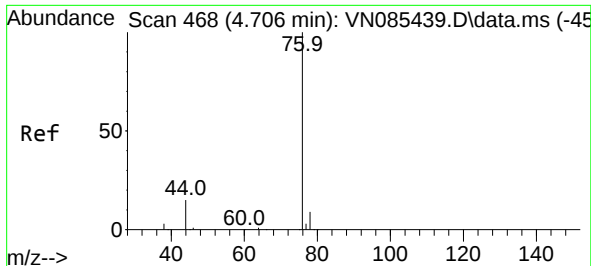


#16
Acetone
Concen: 230.916 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28



Tgt Ion: 43 Resp: 289217
Ion Ratio Lower Upper
43 100
58 31.7 23.8 35.6





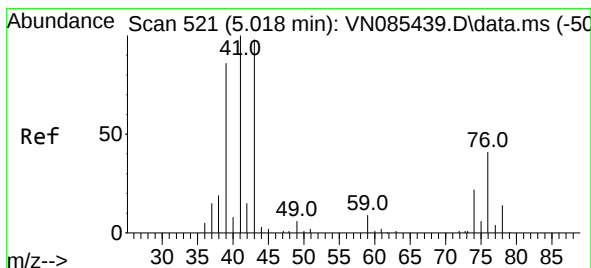
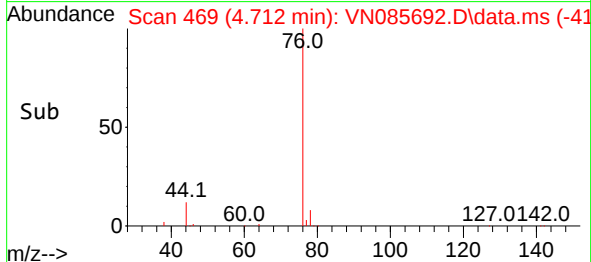
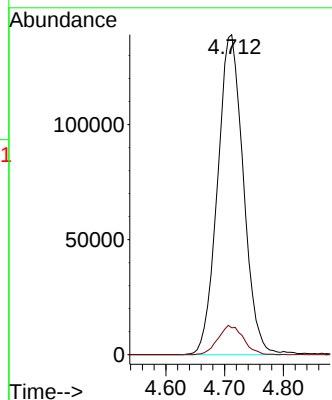
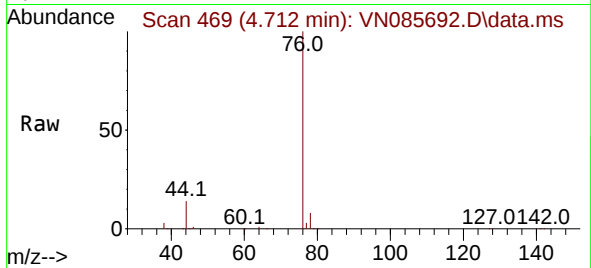
#17
Carbon Disulfide
Concen: 53.415 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 42386
Ion Ratio Lower Upper
76 100
78 8.4 6.9 10.3

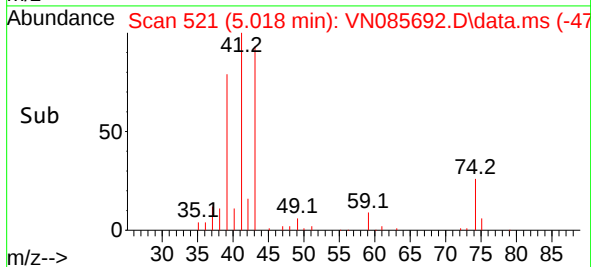
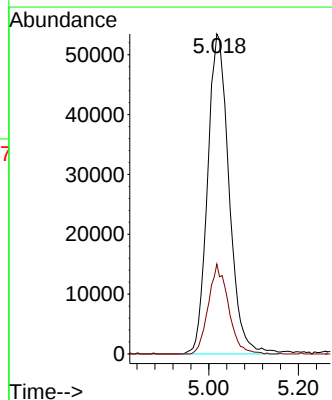
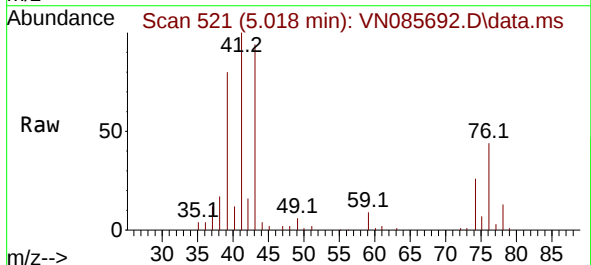
Manual Integrations
APPROVED

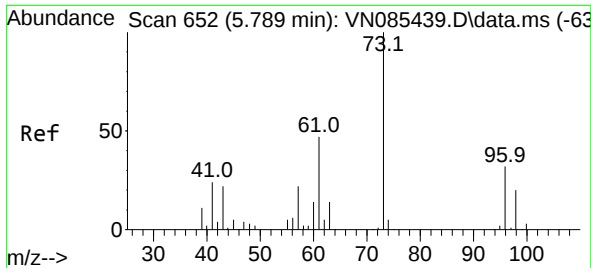
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#18
Methyl Acetate
Concen: 46.648 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

Tgt Ion: 43 Resp: 177662
Ion Ratio Lower Upper
43 100
74 26.2 18.6 28.0





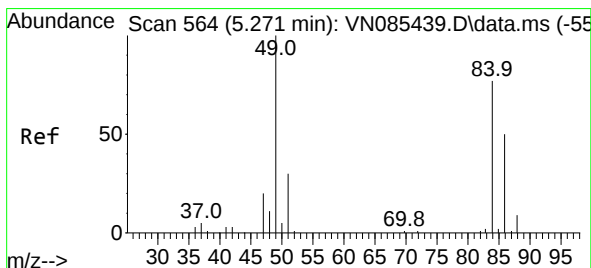
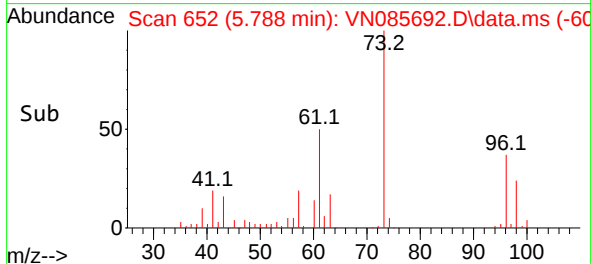
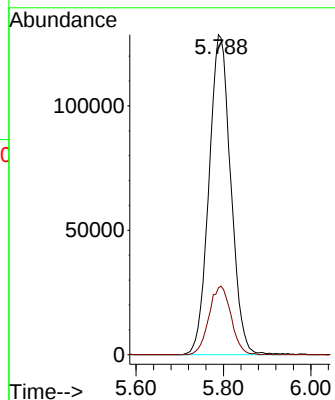
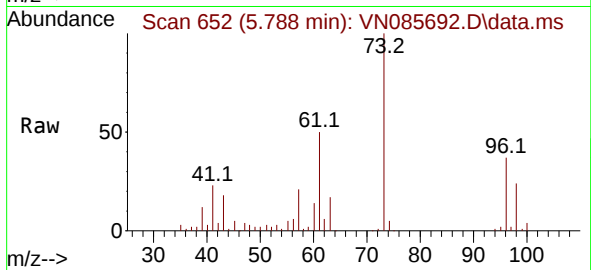
#19
Methyl tert-butyl Ether
Concen: 53.200 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 445210
Ion Ratio Lower Upper
73 100
57 20.9 17.8 26.8

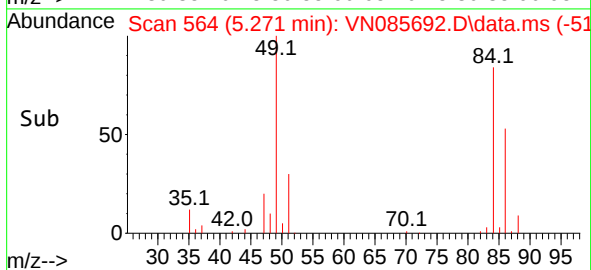
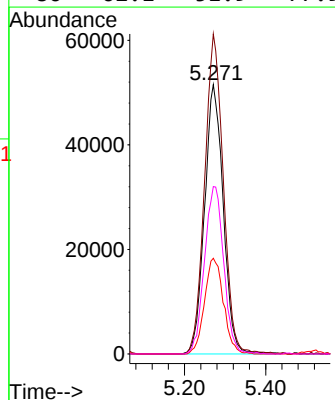
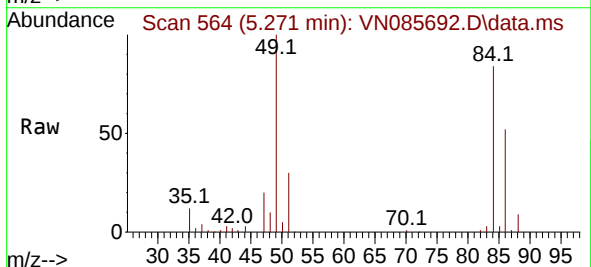
Manual Integrations
APPROVED

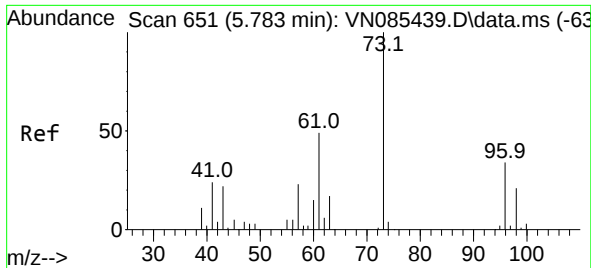
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#20
Methylene Chloride
Concen: 53.137 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

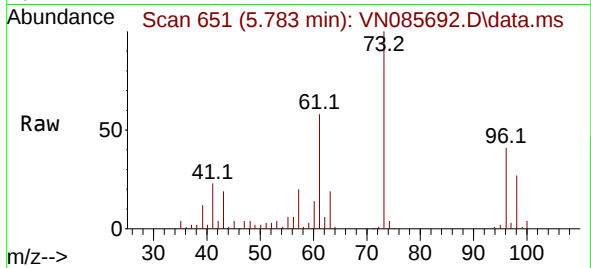
Tgt Ion: 84 Resp: 164757
Ion Ratio Lower Upper
84 100
49 118.8 104.1 156.1
51 35.5 31.0 46.4
86 62.1 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 54.767 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

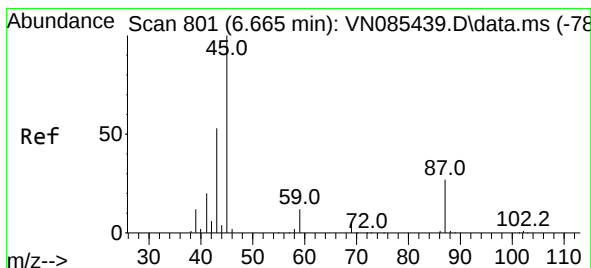
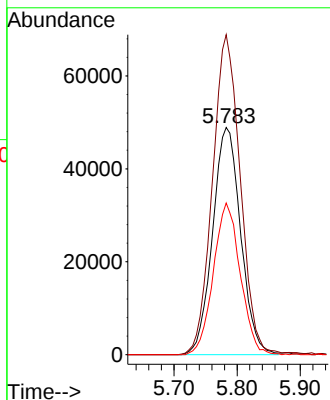
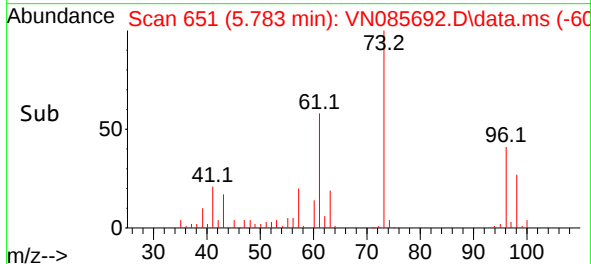
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



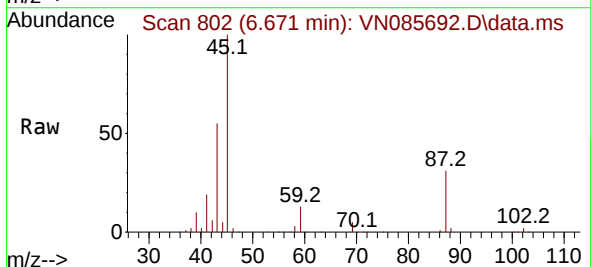
Tgt Ion: 96 Resp: 15084
Ion Ratio Lower Upper
96 100
61 140.8 115.7 173.5
98 66.8 49.8 74.8

Manual Integrations
APPROVED

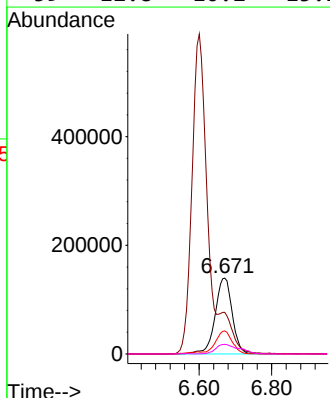
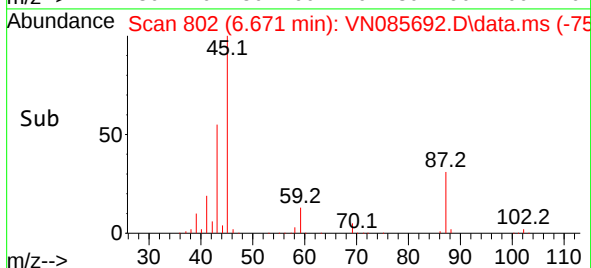
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

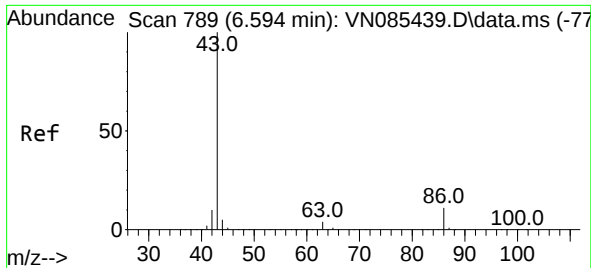


#22
Diisopropyl ether
Concen: 49.342 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28



Tgt Ion: 45 Resp: 458010
Ion Ratio Lower Upper
45 100
43 54.3 45.0 67.6
87 30.5 21.8 32.8
59 12.8 10.2 15.2





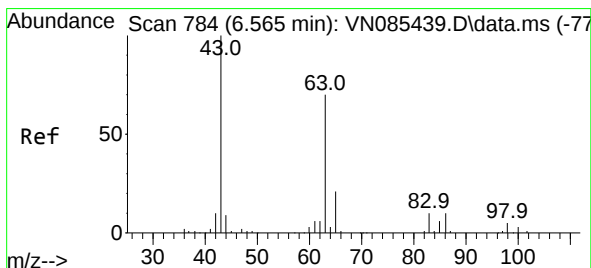
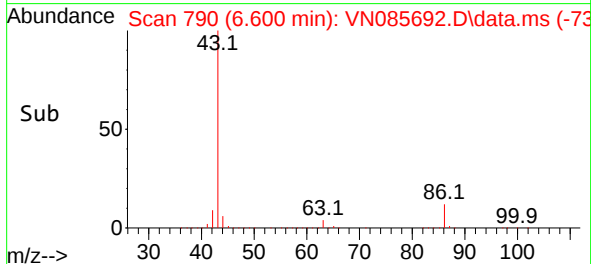
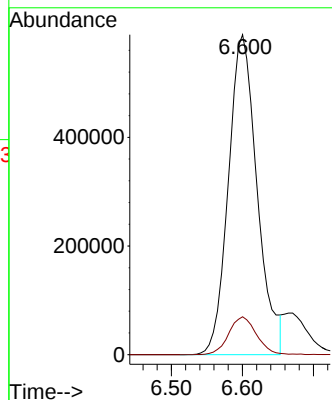
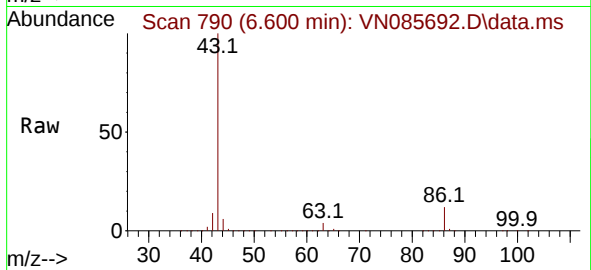
#23
 Vinyl Acetate
 Concen: 255.250 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085692.D
 Acq: 07 Feb 2025 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1658120
 Ion Ratio Lower Upper
 43 100
 86 11.9 8.4 12.6

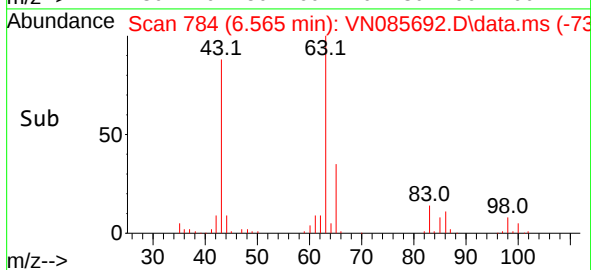
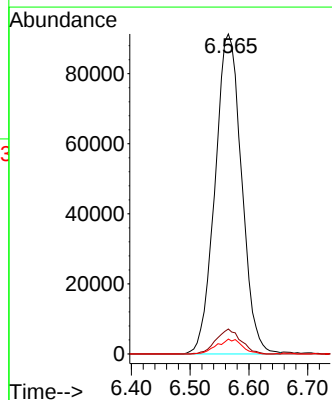
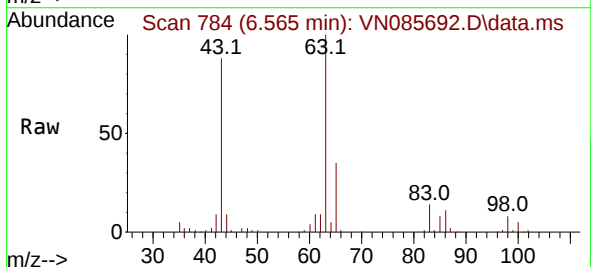
Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/10/2025
 Supervised By :Mahesh Dadoda 02/10/2025



#24
 1,1-Dichloroethane
 Concen: 50.647 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085692.D
 Acq: 07 Feb 2025 12:28

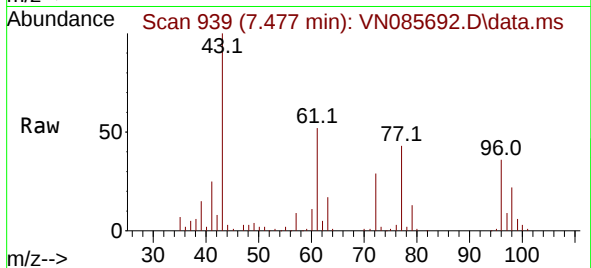
Tgt Ion: 63 Resp: 286659
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.3 9.8
 100 4.7 2.0 6.0





#25
2-Butanone
Concen: 239.884 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

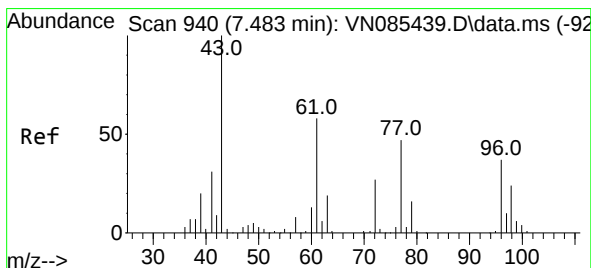
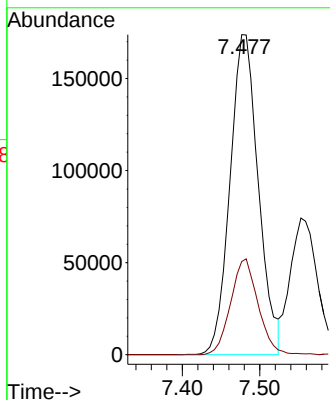
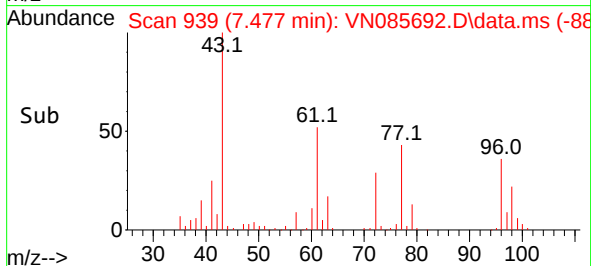
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



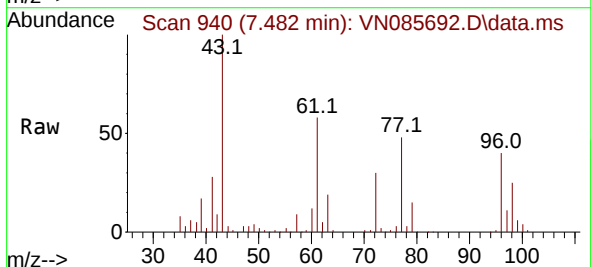
Tgt Ion: 43 Resp: 442138
Ion Ratio Lower Upper
43 100
72 29.1 20.2 30.4

Manual Integrations
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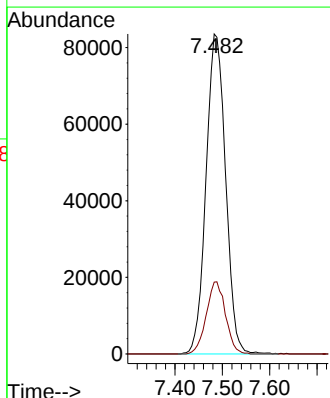
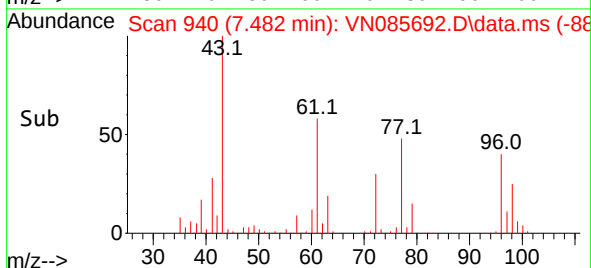
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#26
2,2-Dichloropropane
Concen: 52.387 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28



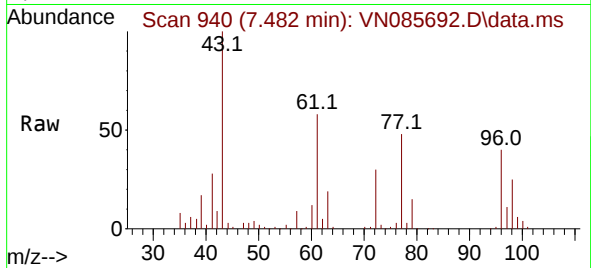
Tgt Ion: 77 Resp: 239724
Ion Ratio Lower Upper
77 100
97 22.1 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 55.111 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085692.D
 Acq: 07 Feb 2025 12:28

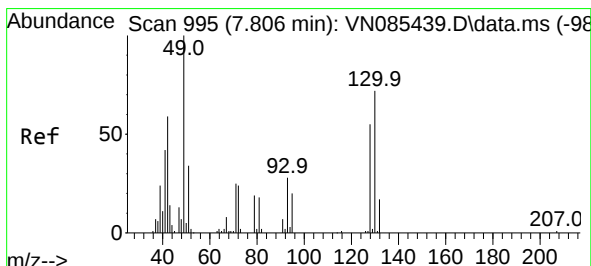
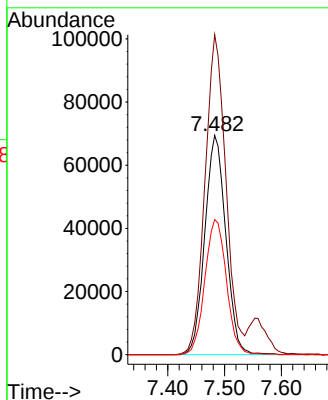
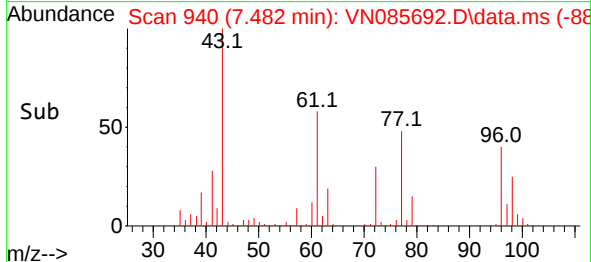
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



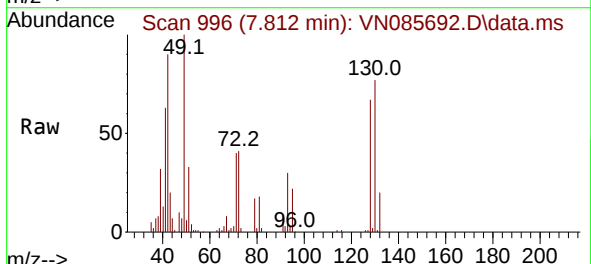
Tgt Ion: 96 Resp: 178788
 Ion Ratio Lower Upper
 96 100
 61 144.7 0.0 311.8
 98 63.3 0.0 126.0

Manual Integrations
 APPROVED

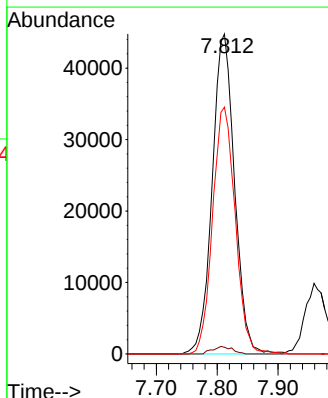
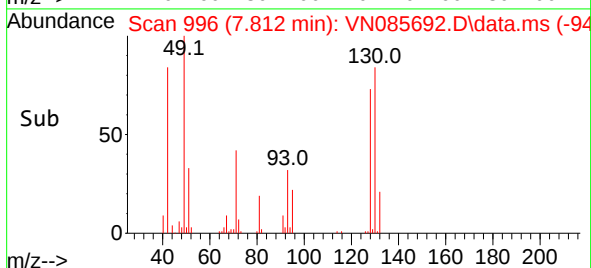
Reviewed By :John Carlone 02/10/2025
 Supervised By :Mahesh Dadoda 02/10/2025

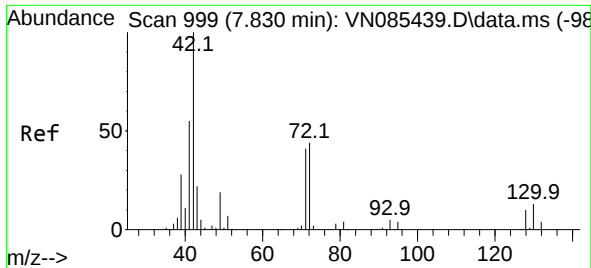


#28
 Bromochloromethane
 Concen: 43.350 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085692.D
 Acq: 07 Feb 2025 12:28



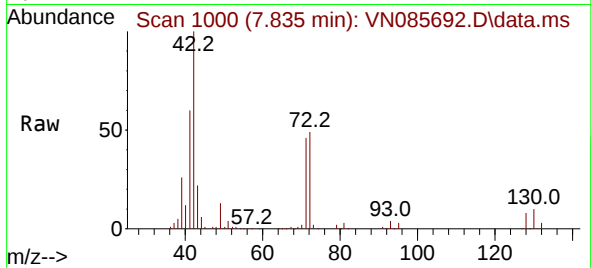
Tgt Ion: 49 Resp: 114151
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.4
 130 78.1 55.0 82.4





#29
Tetrahydrofuran
Concen: 257.341 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

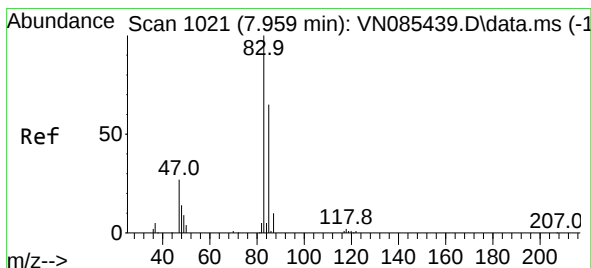
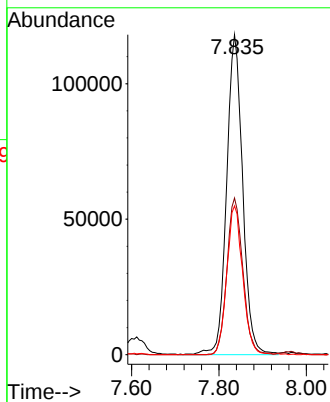
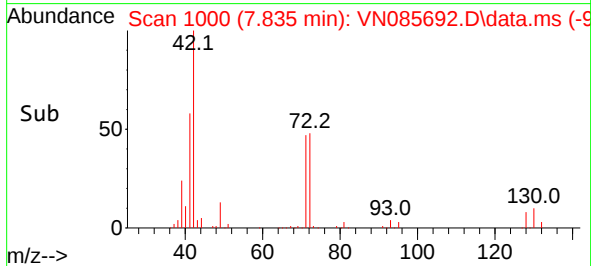
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



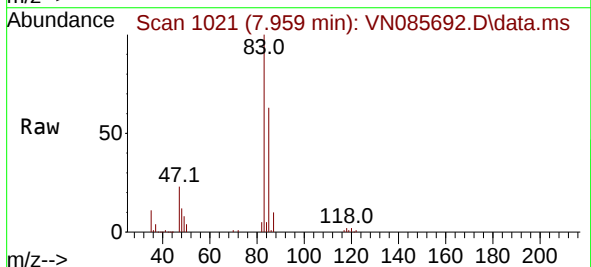
Tgt Ion: 42 Resp: 30071
Ion Ratio Lower Upper
42 100
72 48.8 34.2 51.2
71 46.0 32.5 48.7

Manual Integrations
APPROVED

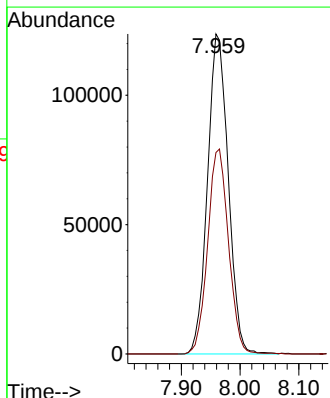
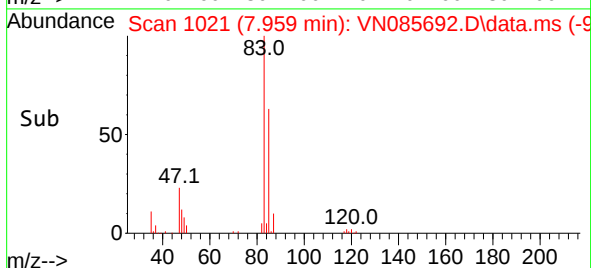
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

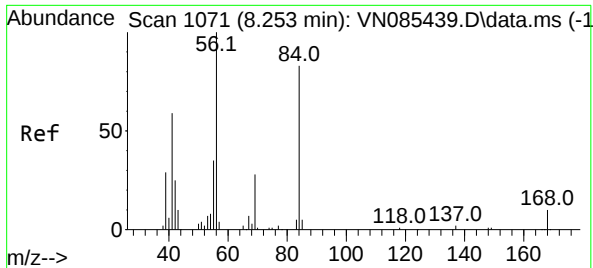


#30
Chloroform
Concen: 51.815 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28



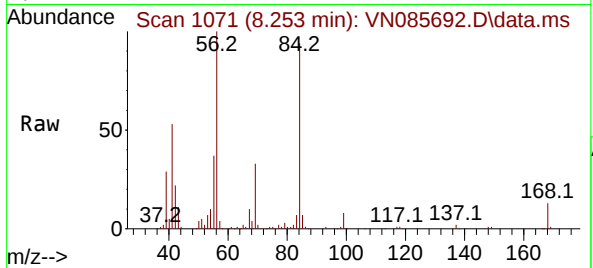
Tgt Ion: 83 Resp: 303105
Ion Ratio Lower Upper
83 100
85 62.9 51.8 77.6





#31
Cyclohexane
Concen: 46.883 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

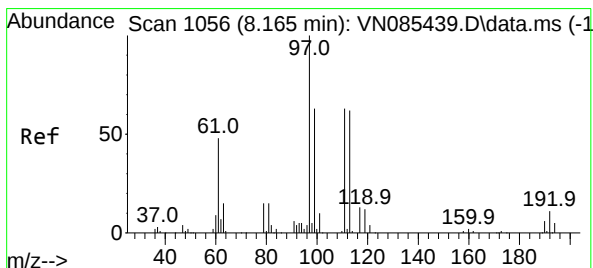
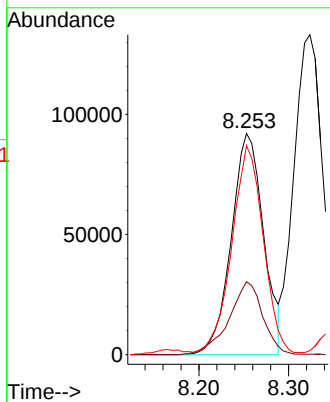
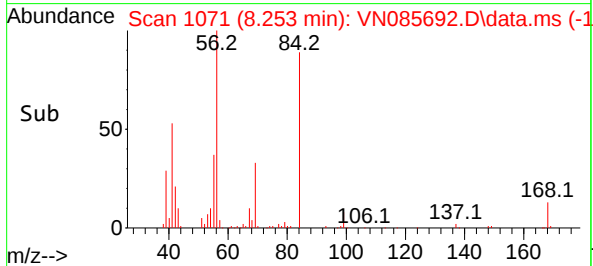
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



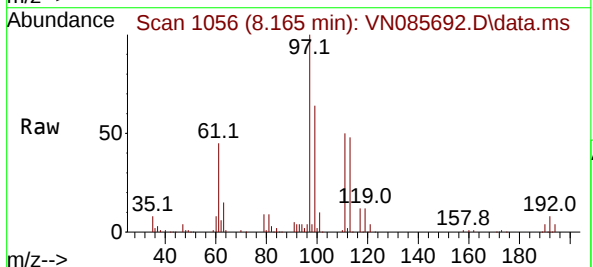
Tgt Ion: 56 Resp: 230640
Ion Ratio Lower Upper
56 100
69 32.9 22.2 33.4
84 92.3 66.4 99.6

Manual Integrations
APPROVED

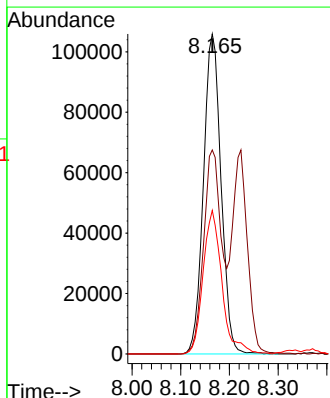
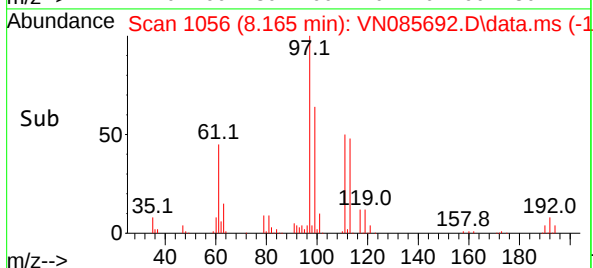
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

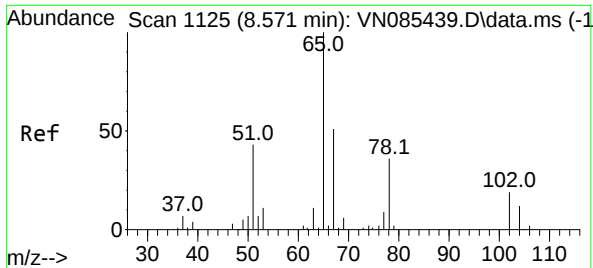


#32
1,1,1-Trichloroethane
Concen: 51.683 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28



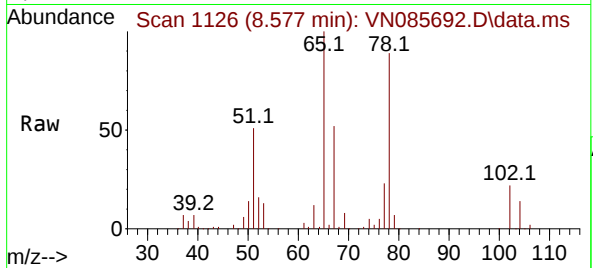
Tgt Ion: 97 Resp: 265195
Ion Ratio Lower Upper
97 100
99 64.6 49.8 74.6
61 48.2 41.4 62.2





#33
1,2-Dichloroethane-d4
Concen: 38.656 ug/l
RT: 8.577 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

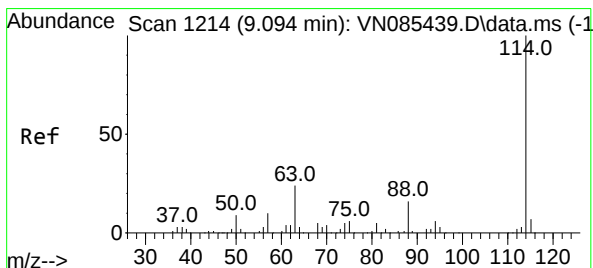
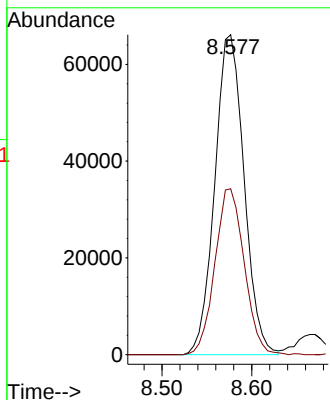
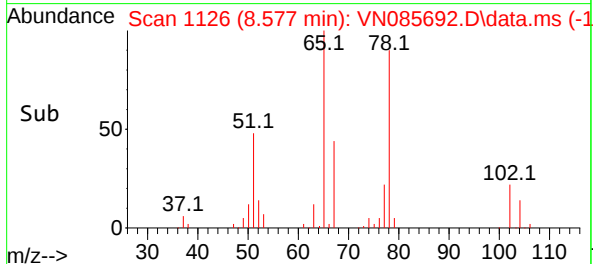
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



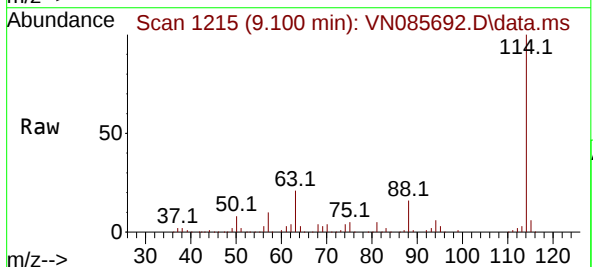
Tgt Ion: 65 Resp: 149849
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.6

Manual Integrations
APPROVED

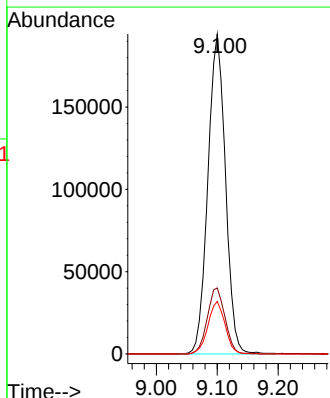
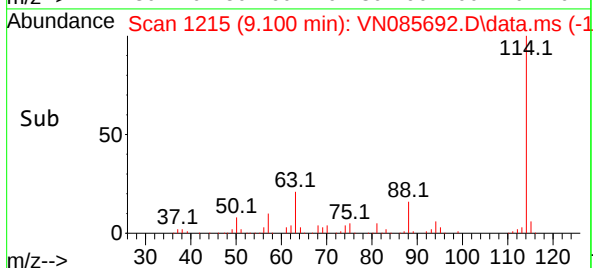
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28



Tgt Ion:114 Resp: 390555
Ion Ratio Lower Upper
114 100
63 20.7 0.0 47.6
88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 44.722 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085692.D

Acq: 07 Feb 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 121174

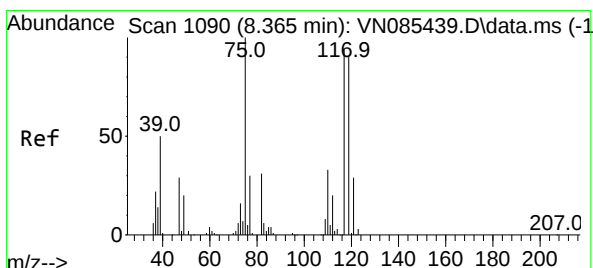
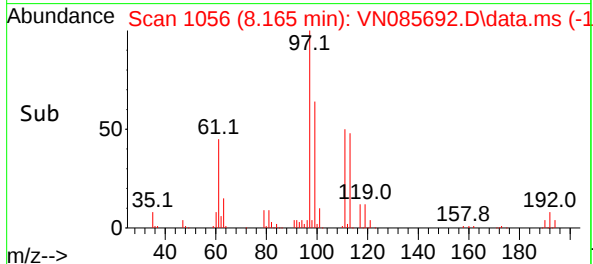
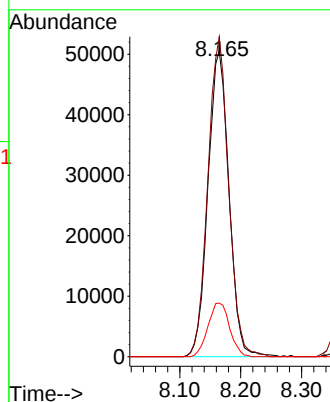
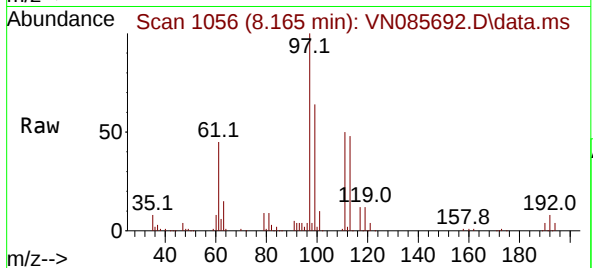
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.7	124.1
192	18.1	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#36

1,1-Dichloropropene

Concen: 55.420 ug/l

RT: 8.365 min Scan# 1090

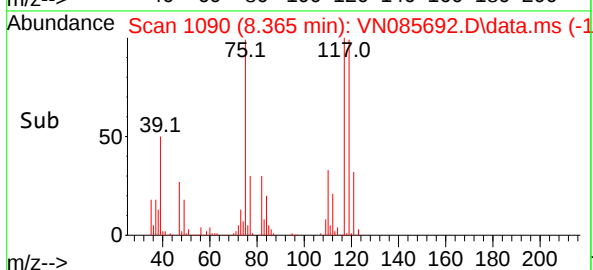
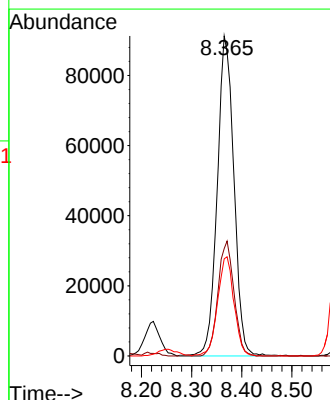
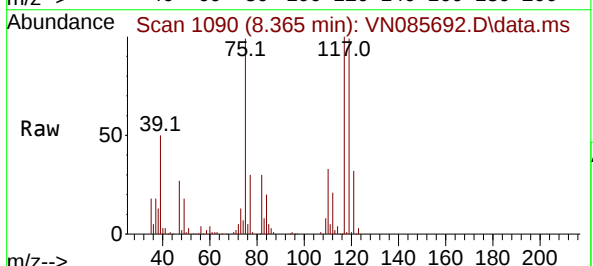
Delta R.T. -0.000 min

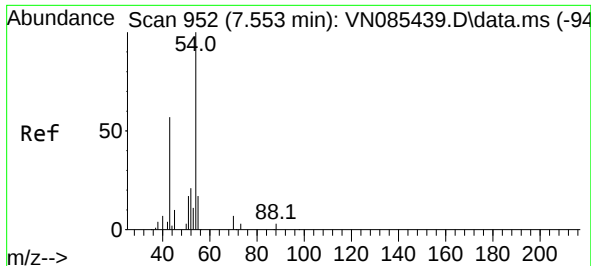
Lab File: VN085692.D

Acq: 07 Feb 2025 12:28

Tgt Ion: 75 Resp: 210747

Ion	Ratio	Lower	Upper
75	100		
110	34.7	16.5	49.5
77	30.5	24.4	36.6





#37

Ethyl Acetate

Concen: 49.323 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN085692.D

Acq: 07 Feb 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 189318

Ion Ratio Lower Upper

43 100

61 13.2 10.9 16.3

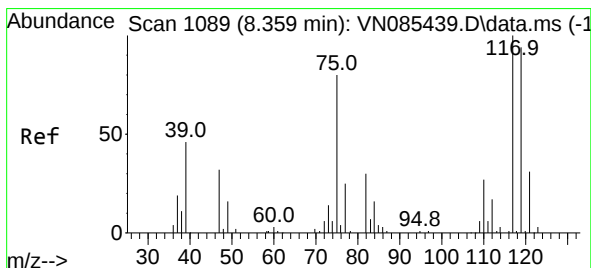
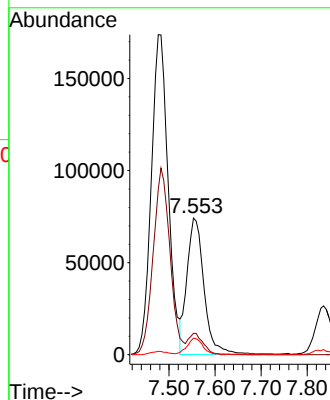
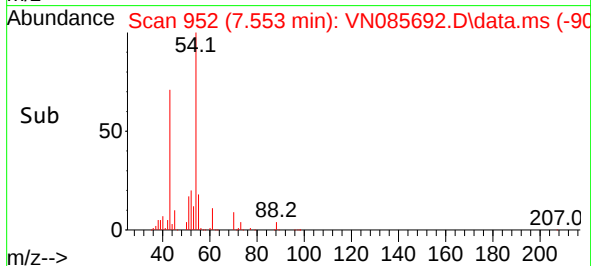
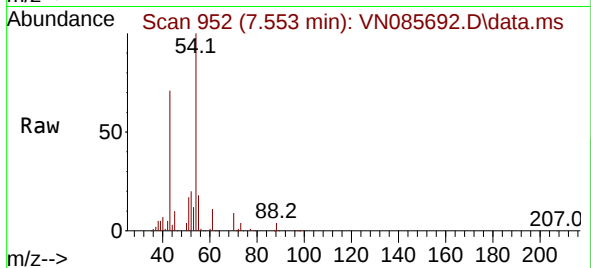
70 11.2 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#38

Carbon Tetrachloride

Concen: 54.783 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN085692.D

Acq: 07 Feb 2025 12:28

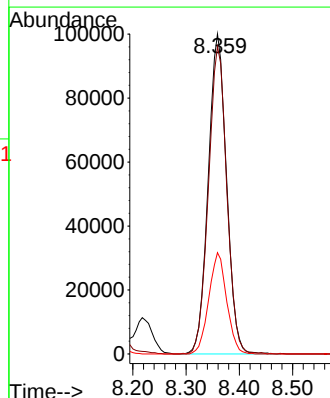
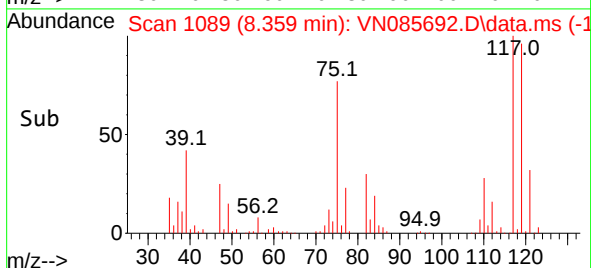
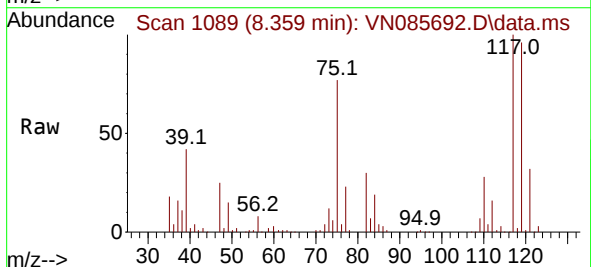
Tgt Ion:117 Resp: 238495

Ion Ratio Lower Upper

117 100

119 96.0 75.4 113.2

121 31.6 24.6 37.0





#39

Methylcyclohexane

Concen: 58.667 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085692.D

Acq: 07 Feb 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 20964

Ion Ratio Lower Upper

83 100

55 75.9 62.6 94.0

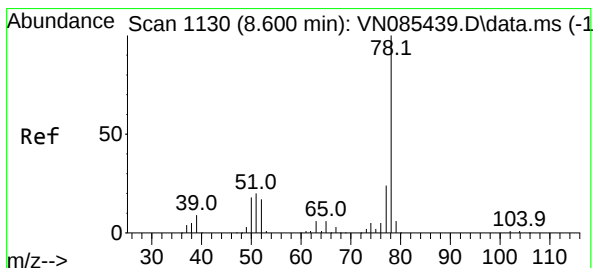
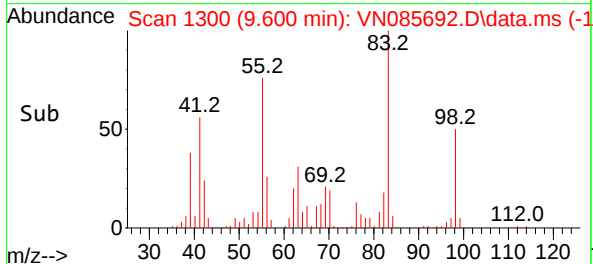
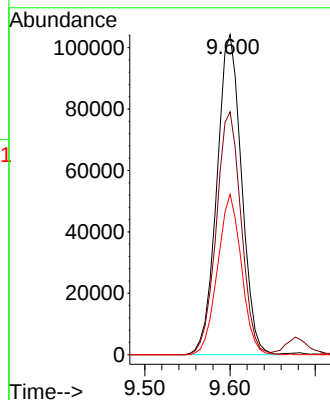
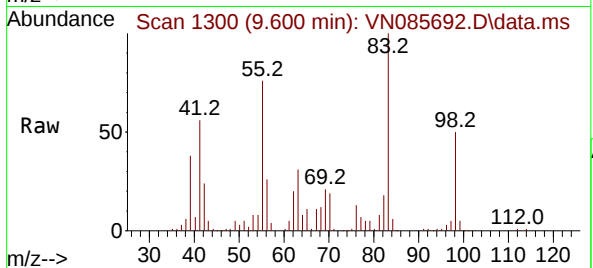
98 50.1 37.7 56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#40

Benzene

Concen: 57.257 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085692.D

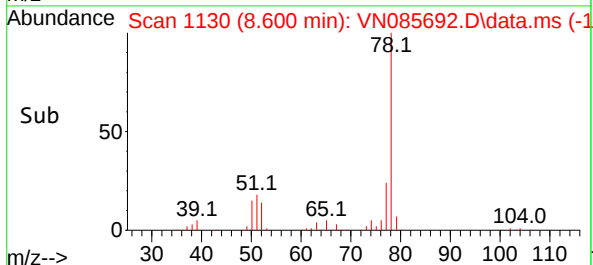
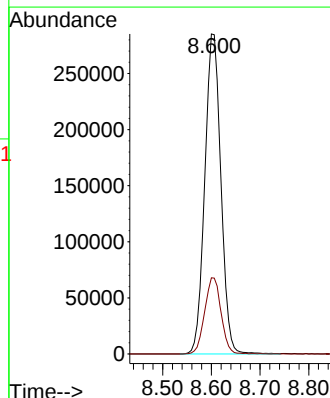
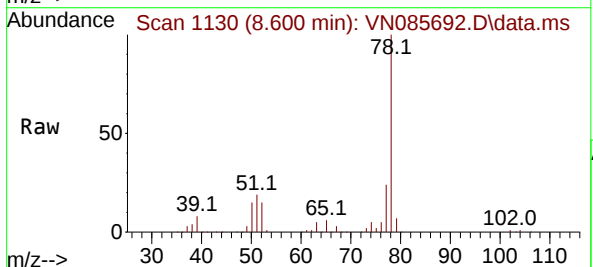
Acq: 07 Feb 2025 12:28

Tgt Ion: 78 Resp: 654219

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6





#41
Methacrylonitrile
Concen: 49.219 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

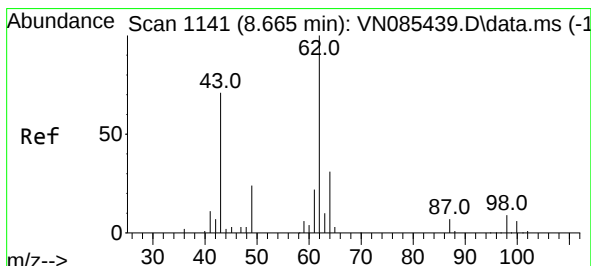
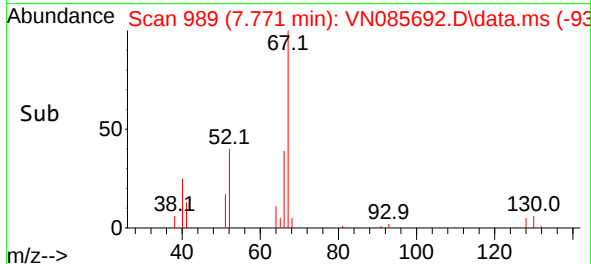
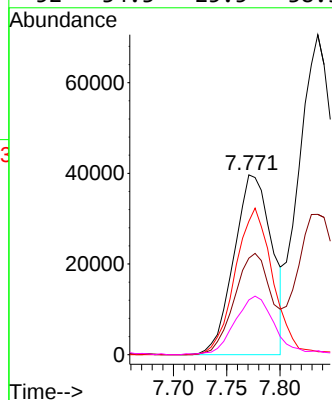
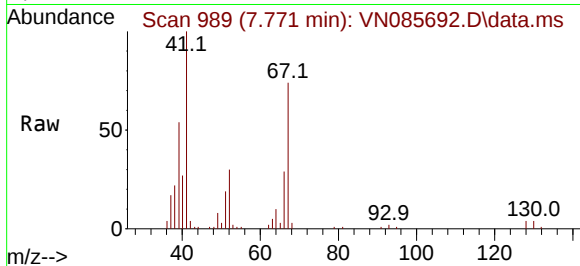
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 98280

Ion	Ratio	Lower	Upper
41	100		
39	54.9	46.0	69.0
67	81.8	57.4	86.2
52	34.3	25.5	38.3

Manual Integrations
APPROVED

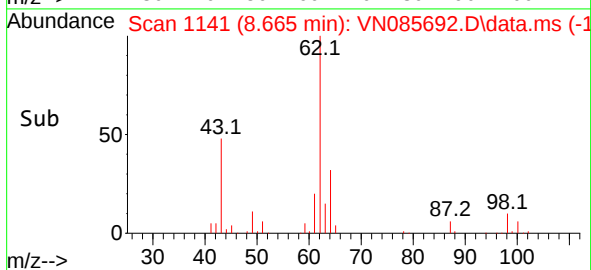
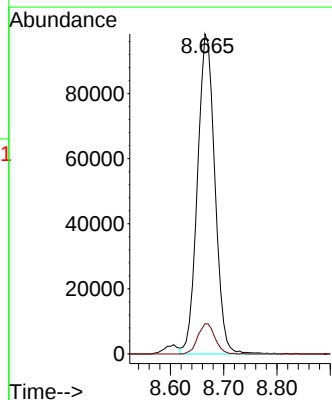
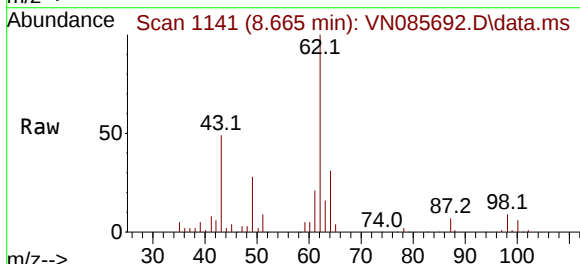
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

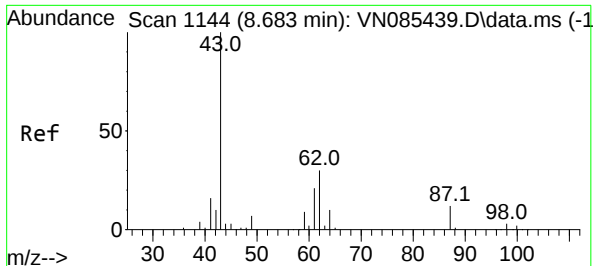


#42
1,2-Dichloroethane
Concen: 51.822 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

Tgt Ion: 62 Resp: 223006

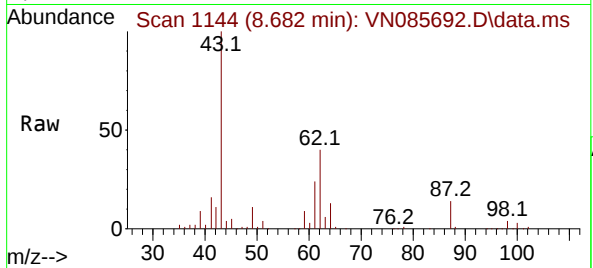
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.0





#43
Isopropyl Acetate
Concen: 54.044 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

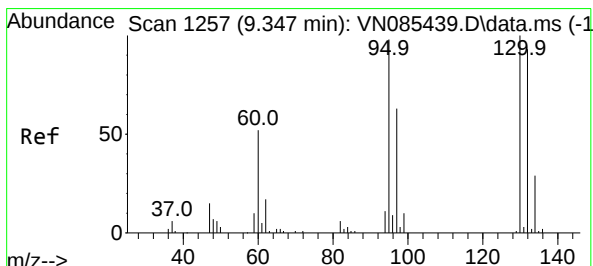
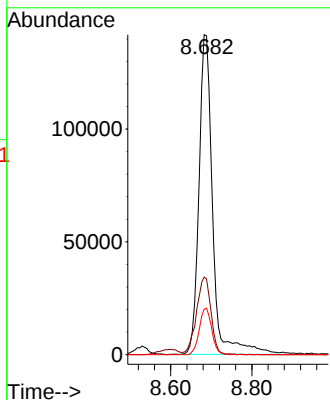
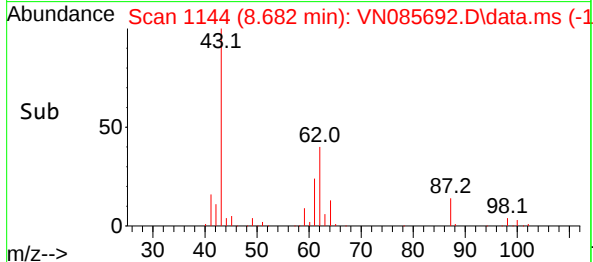
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



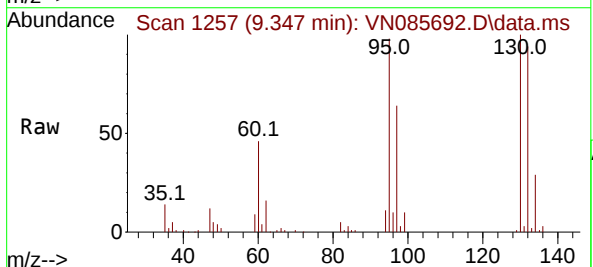
Tgt Ion: 43 Resp: 332380
Ion Ratio Lower Upper
43 100
61 25.8 20.7 31.1
87 13.2 9.8 14.8

Manual Integrations
APPROVED

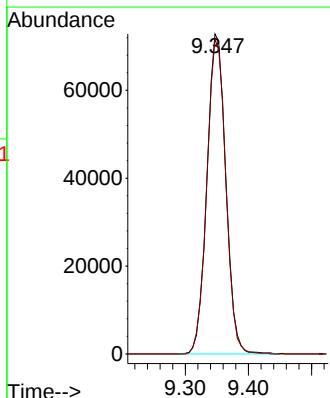
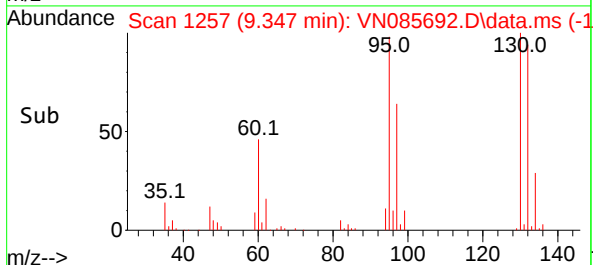
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

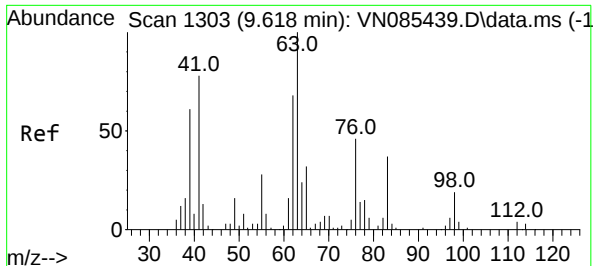


#44
Trichloroethene
Concen: 56.803 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28



Tgt Ion:130 Resp: 151079
Ion Ratio Lower Upper
130 100
95 98.2 0.0 195.8





#45

1,2-Dichloropropane

Concen: 54.749 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085692.D

Acq: 07 Feb 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 15978

Ion Ratio Lower Upper

63 100

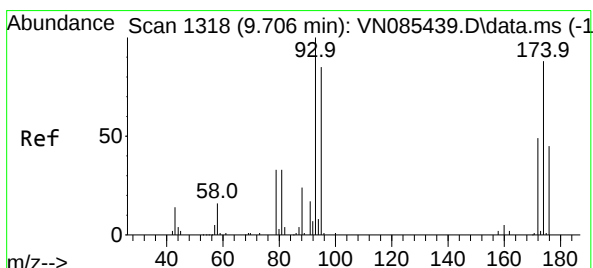
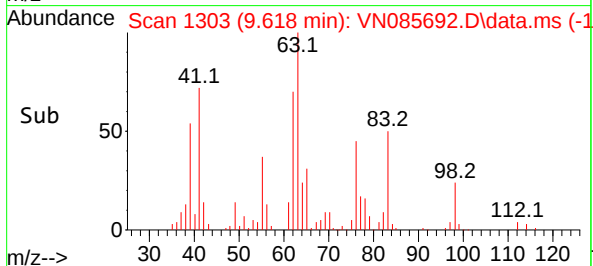
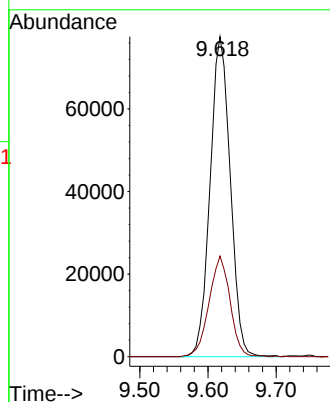
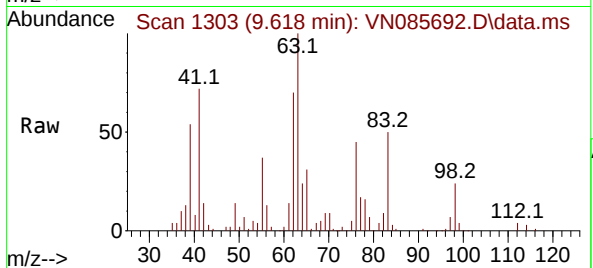
65 31.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#46

Dibromomethane

Concen: 54.595 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085692.D

Acq: 07 Feb 2025 12:28

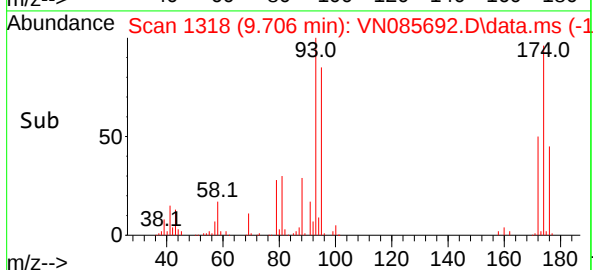
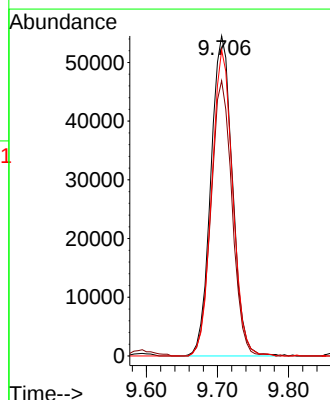
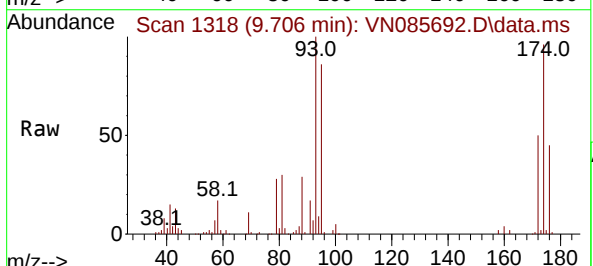
Tgt Ion: 93 Resp: 114971

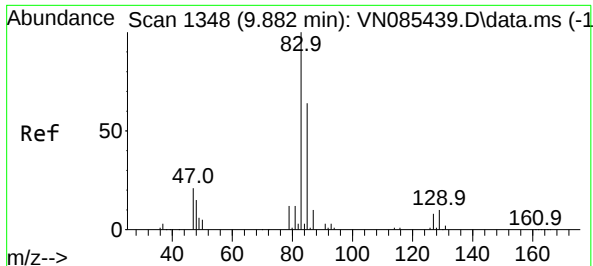
Ion Ratio Lower Upper

93 100

95 84.0 64.7 97.1

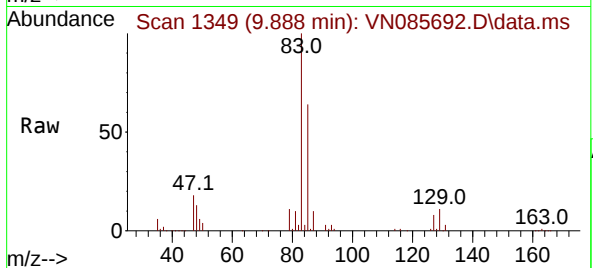
174 92.7 69.0 103.4





#47
Bromodichloromethane
Concen: 55.443 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

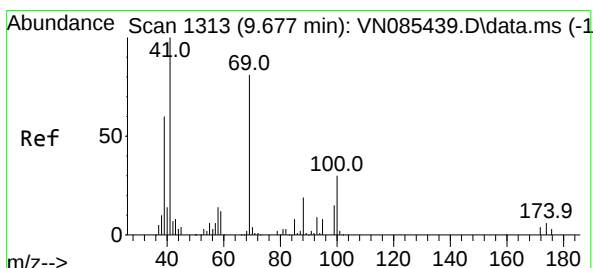
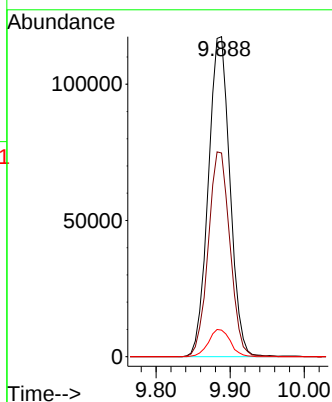
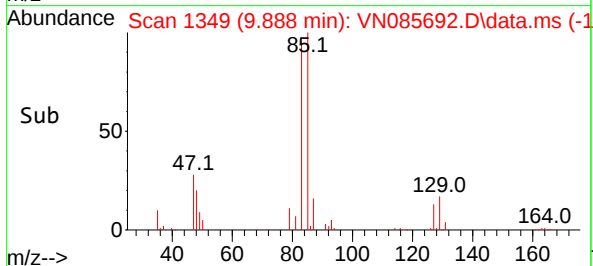
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 23786
Ion Ratio Lower Upper
83 100
85 63.7 51.2 76.8
127 8.3 6.5 9.7

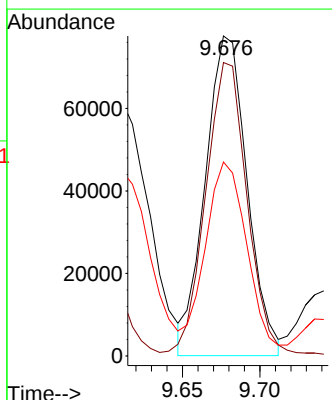
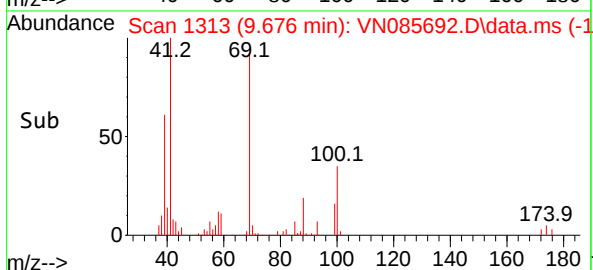
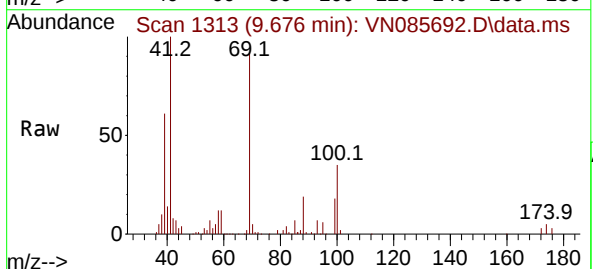
Manual Integrations
APPROVED

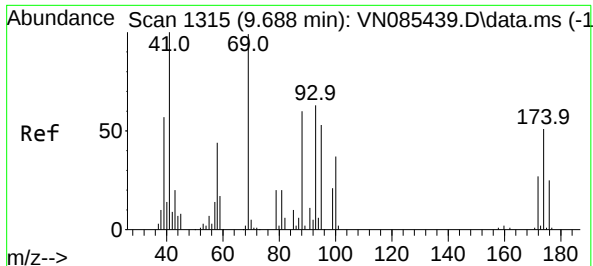
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#48
Methyl methacrylate
Concen: 52.546 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.001 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

Tgt Ion: 41 Resp: 145436
Ion Ratio Lower Upper
41 100
69 92.1 64.7 97.1
39 61.5 49.0 73.6





#49

1,4-Dioxane

Concen: 1215.479 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN085692.D

Acq: 07 Feb 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 56652

Ion Ratio Lower Upper

88 100

43 26.2 26.6 39.8

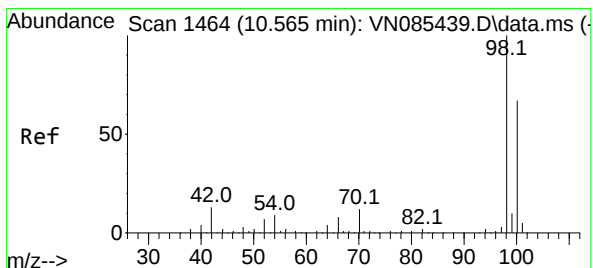
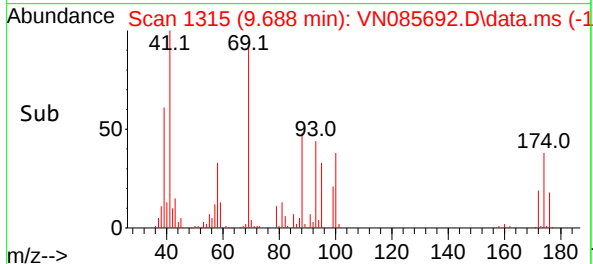
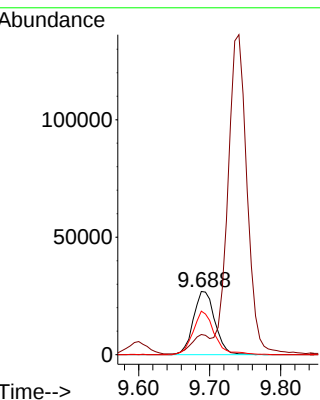
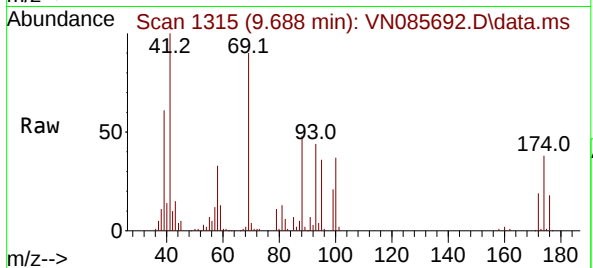
58 68.4 59.5 89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#50

Toluene-d8

Concen: 45.839 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085692.D

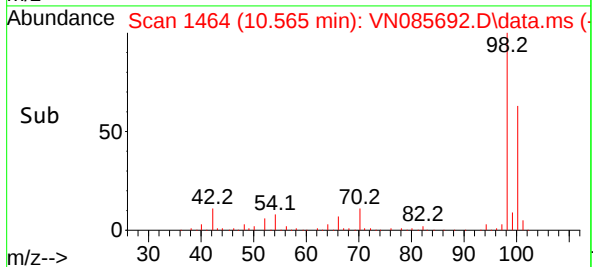
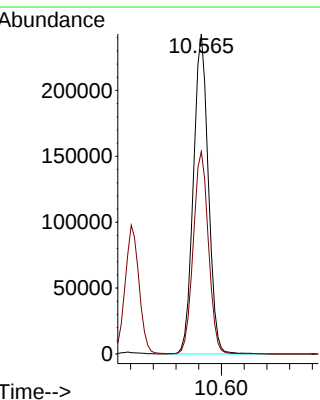
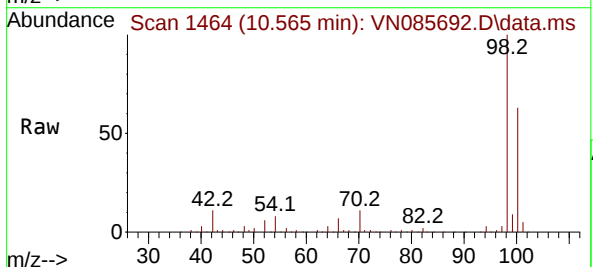
Acq: 07 Feb 2025 12:28

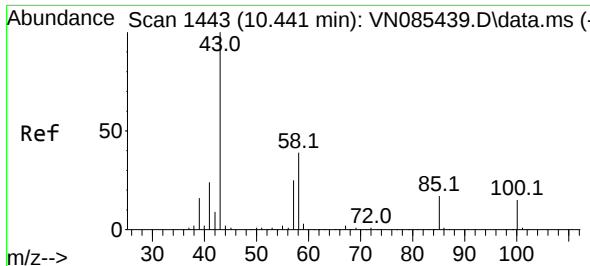
Tgt Ion: 98 Resp: 441283

Ion Ratio Lower Upper

98 100

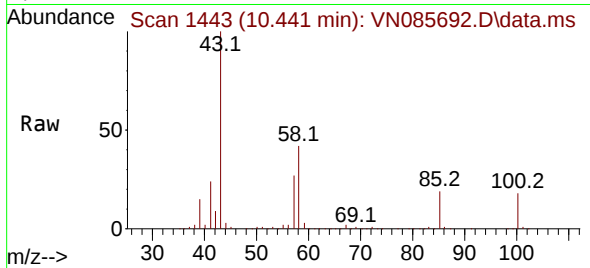
100 64.1 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 269.950 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

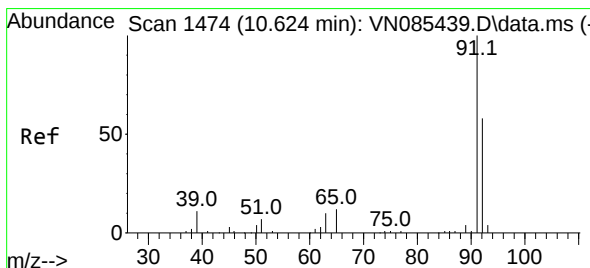
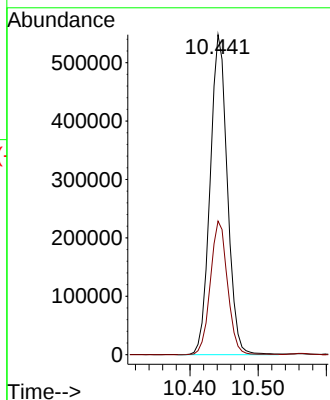
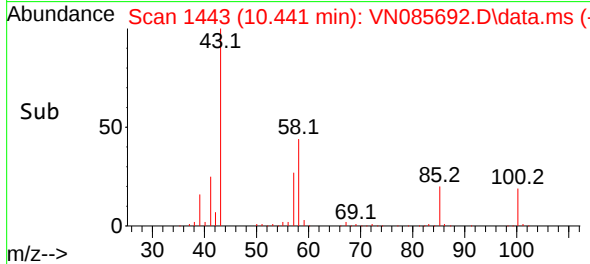
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 96343
Ion Ratio Lower Upper
43 100
58 41.6 30.5 45.7

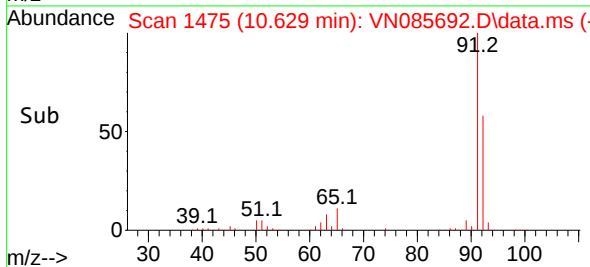
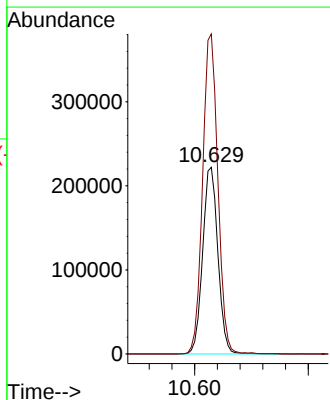
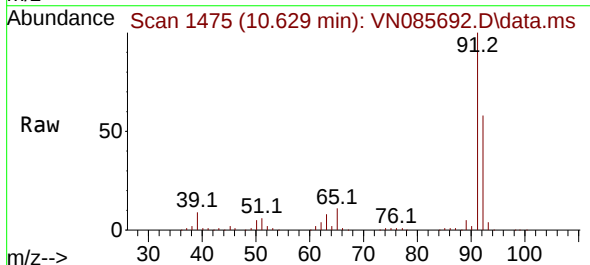
Manual Integrations
APPROVED

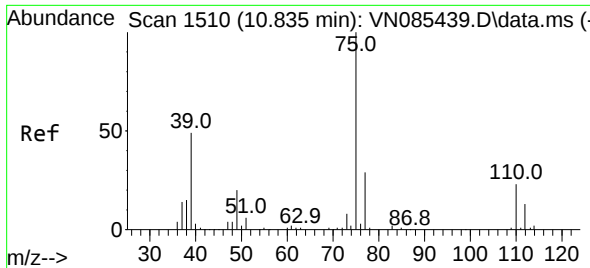
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#52
Toluene
Concen: 62.194 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

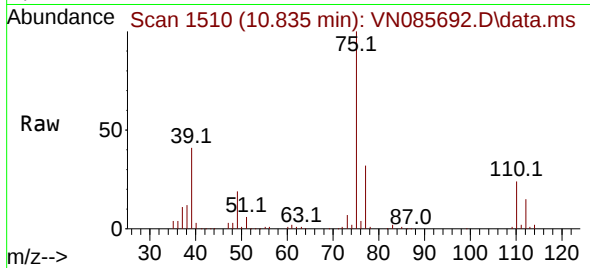
Tgt Ion: 92 Resp: 411748
Ion Ratio Lower Upper
92 100
91 171.8 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 57.161 ug/l
RT: 10.835 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

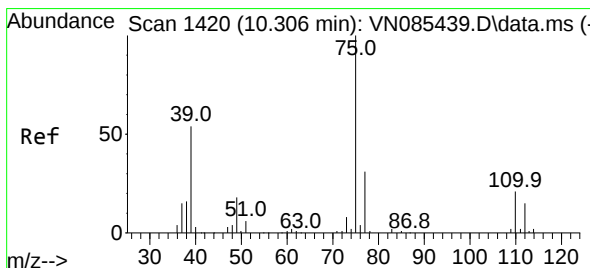
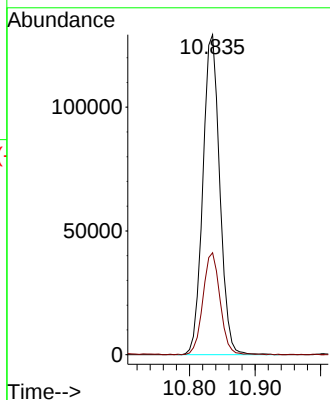
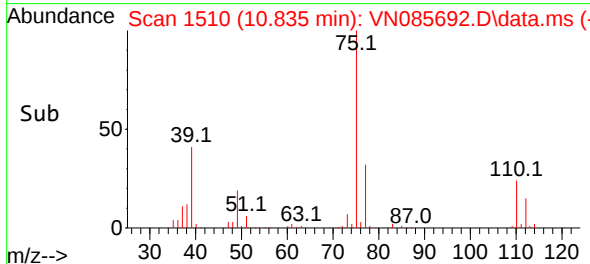
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



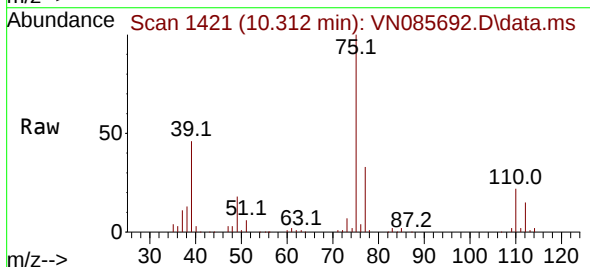
Tgt Ion: 75 Resp: 231750
Ion Ratio Lower Upper
75 100
77 31.7 23.5 35.3

Manual Integrations
APPROVED

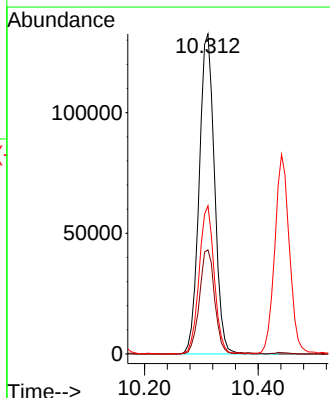
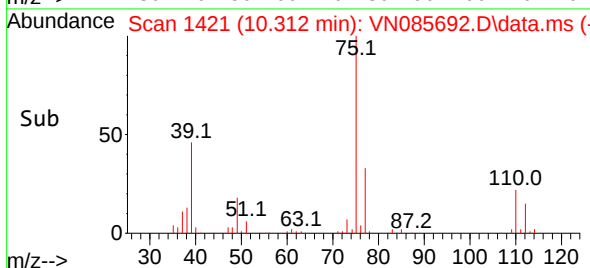
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

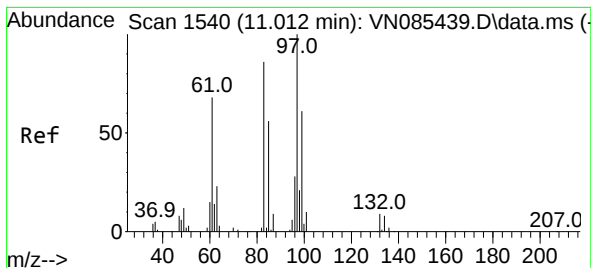


#54
cis-1,3-Dichloropropene
Concen: 57.354 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28



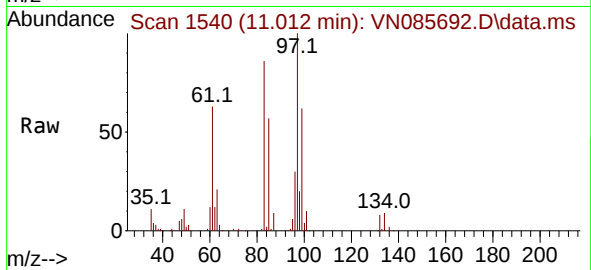
Tgt Ion: 75 Resp: 248389
Ion Ratio Lower Upper
75 100
77 32.6 25.0 37.4
39 46.3 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 58.721 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

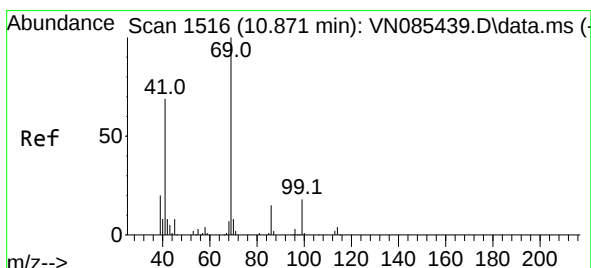
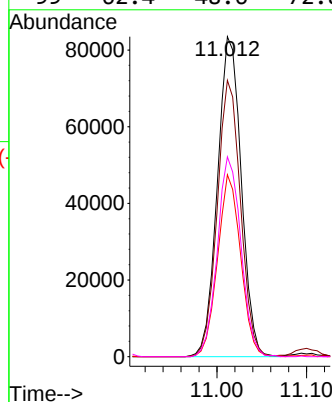
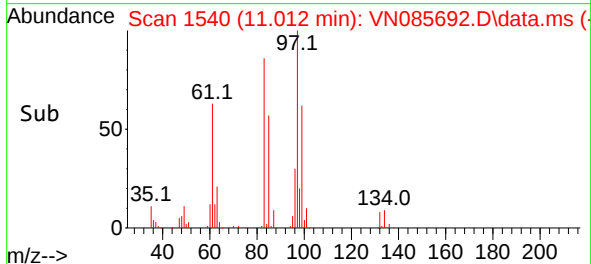
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



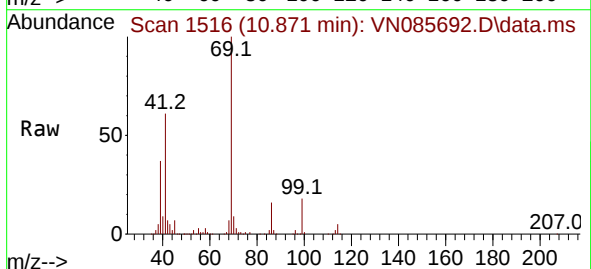
Tgt Ion: 97 Resp: 153849
Ion Ratio Lower Upper
97 100
83 86.4 69.0 103.6
85 56.8 44.6 66.8
99 62.4 48.6 72.8

Manual Integrations
APPROVED

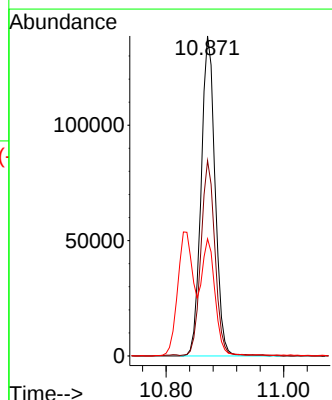
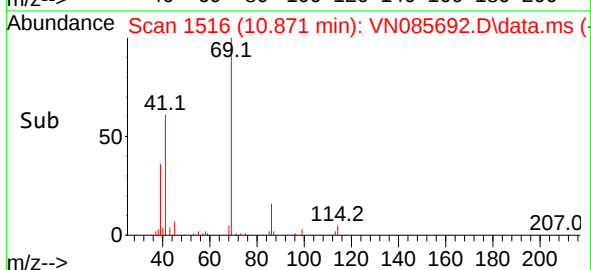
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

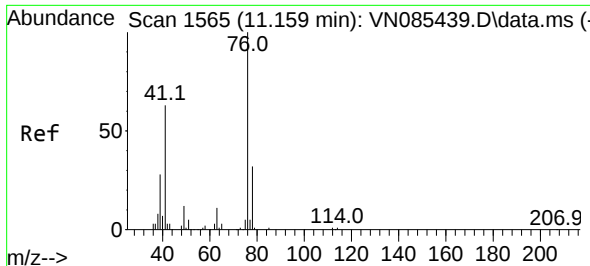


#56
Ethyl methacrylate
Concen: 51.630 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.001 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28



Tgt Ion: 69 Resp: 228159
Ion Ratio Lower Upper
69 100
41 60.9 54.6 82.0
39 35.2 32.4 48.6





#57

1,3-Dichloropropane

Concen: 57.369 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN085692.D

Acq: 07 Feb 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 261350

Ion Ratio Lower Upper

76 100

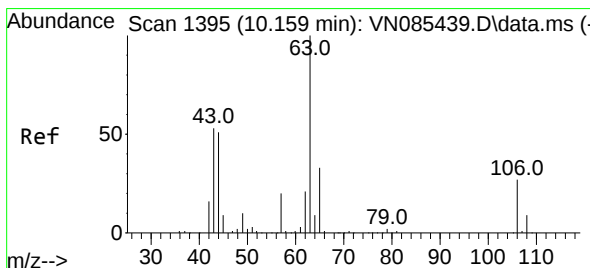
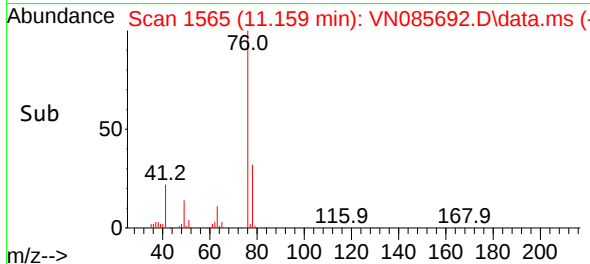
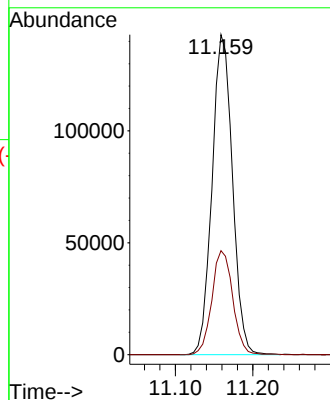
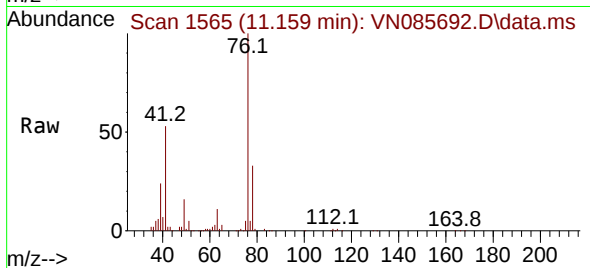
78 33.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#58

2-Chloroethyl Vinyl ether

Concen: 148.112 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN085692.D

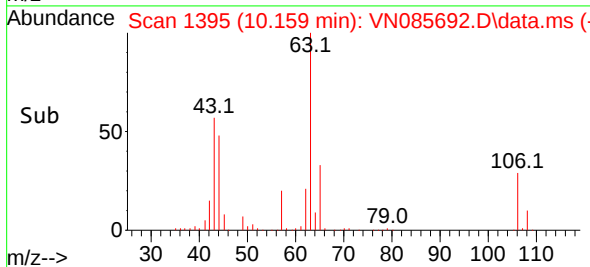
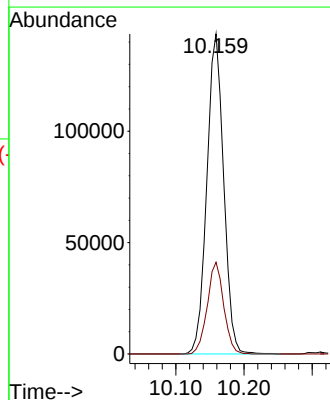
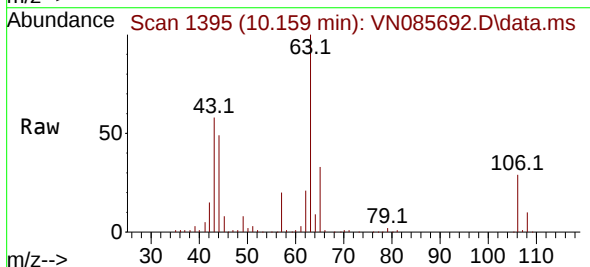
Acq: 07 Feb 2025 12:28

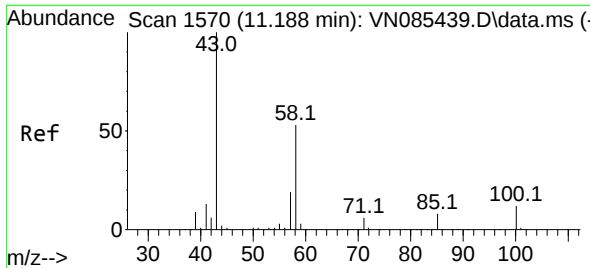
Tgt Ion: 63 Resp: 246258

Ion Ratio Lower Upper

63 100

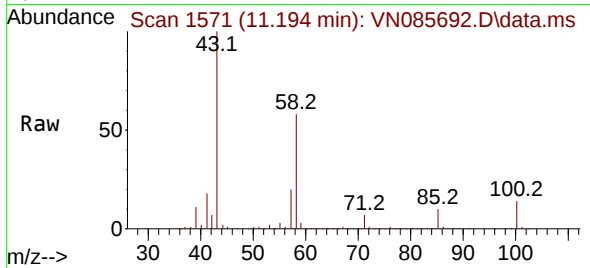
106 28.0 21.6 32.4





#59
2-Hexanone
Concen: 276.591 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

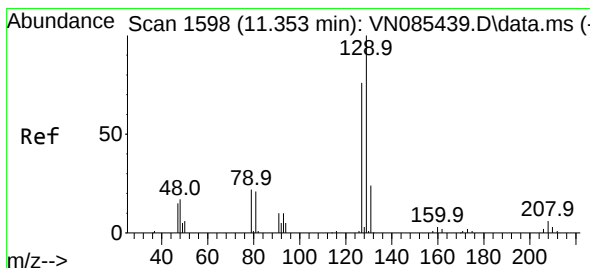
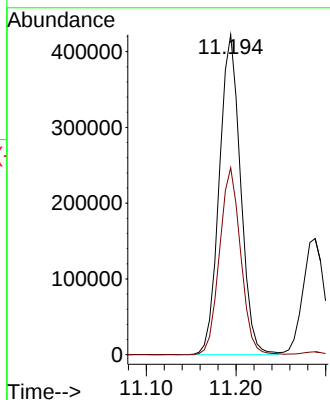
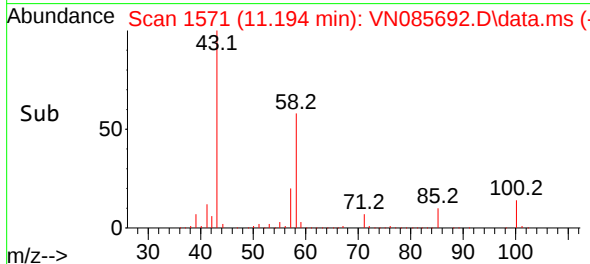
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



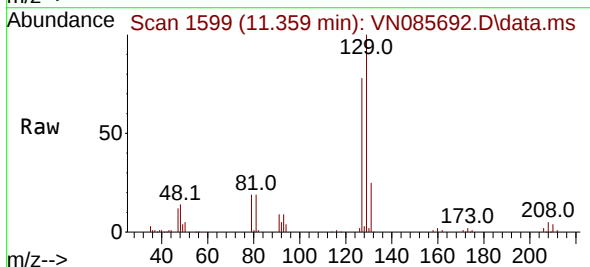
Tgt Ion: 43 Resp: 69457
Ion Ratio Lower Upper
43 100
58 58.0 26.2 78.6

Manual Integrations
APPROVED

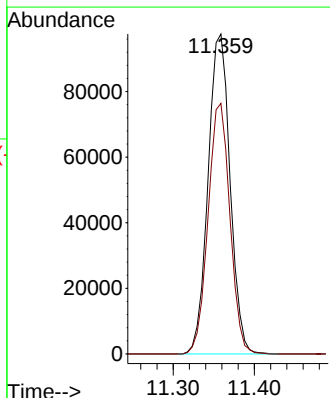
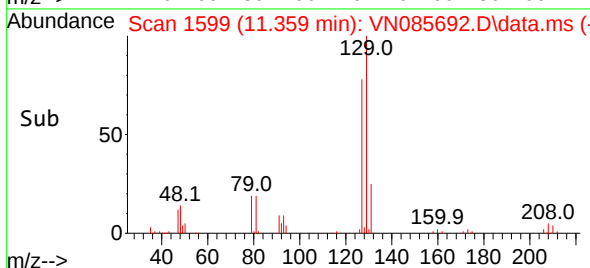
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

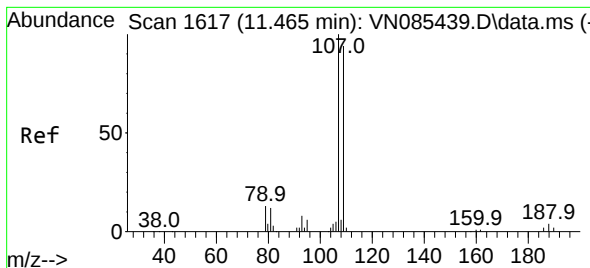


#60
Dibromochloromethane
Concen: 58.053 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28



Tgt Ion:129 Resp: 183629
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.8





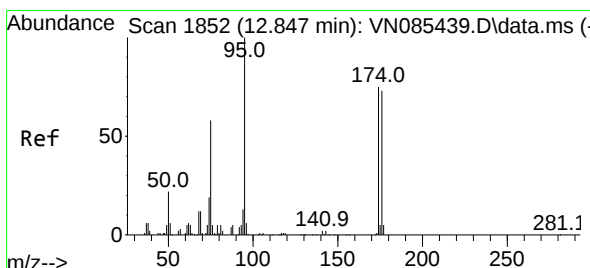
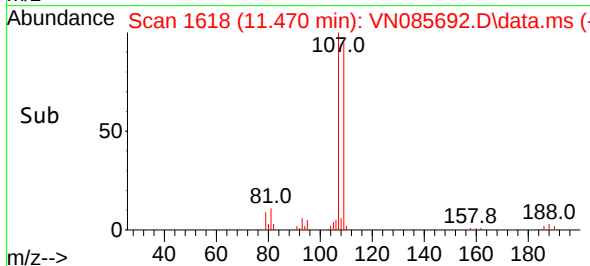
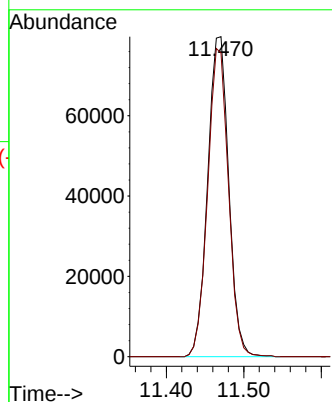
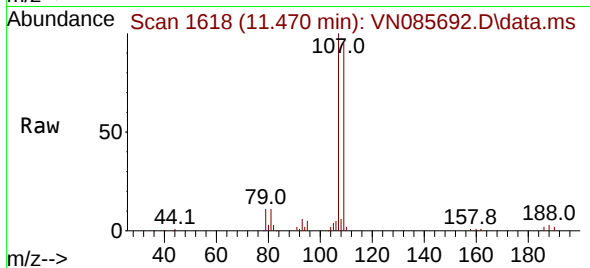
#61
1,2-Dibromoethane
Concen: 57.717 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 150520
Ion Ratio Lower Upper
107 100
109 94.9 75.9 113.9

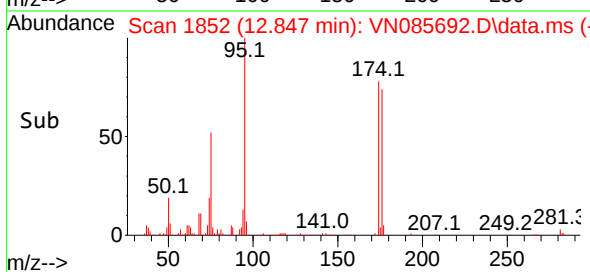
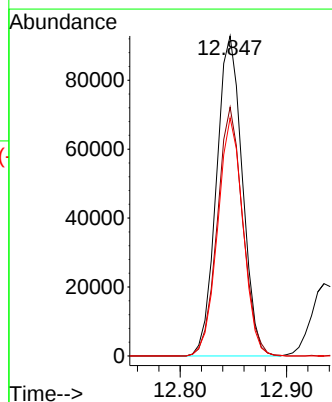
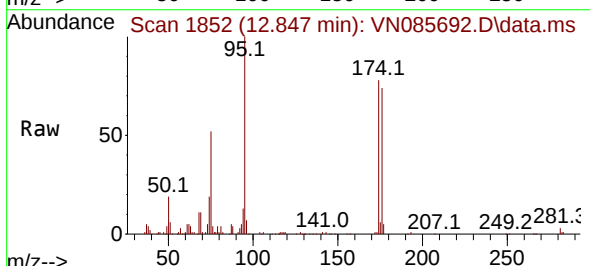
Manual Integrations
APPROVED

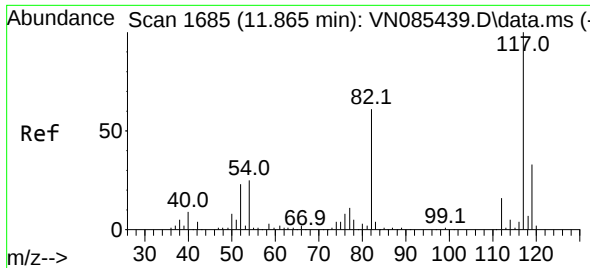
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#62
4-Bromofluorobenzene
Concen: 47.482 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

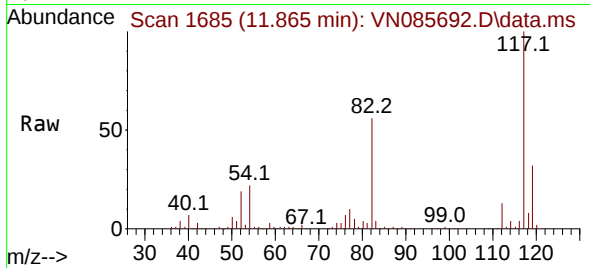
Tgt Ion: 95 Resp: 156363
Ion Ratio Lower Upper
95 100
174 76.5 0.0 145.0
176 72.8 0.0 142.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

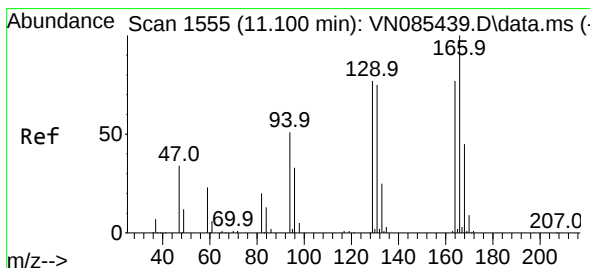
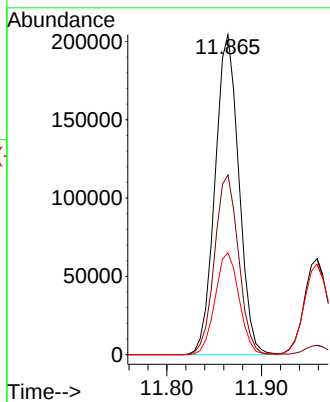
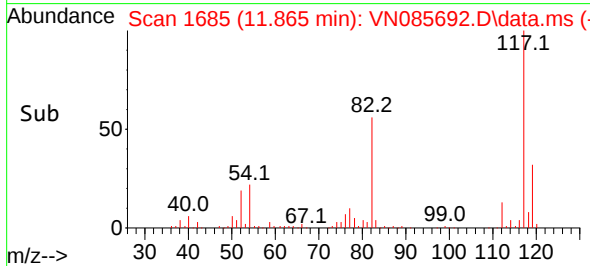
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 35710
Ion Ratio Lower Upper
117 100
82 56.2 48.6 72.8
119 31.8 26.6 39.8

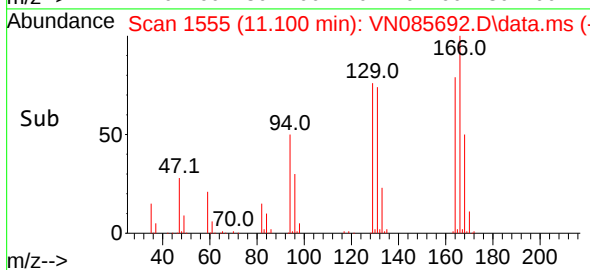
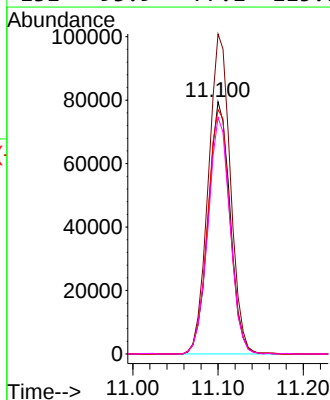
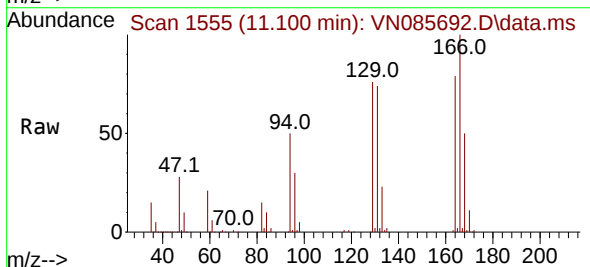
Manual Integrations
APPROVED

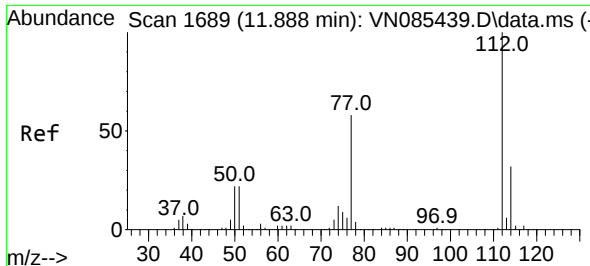
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#64
Tetrachloroethene
Concen: 58.284 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

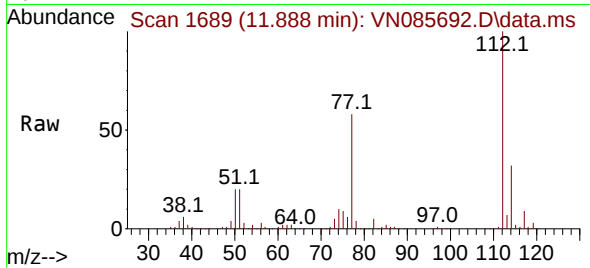
Tgt Ion:164 Resp: 141892
Ion Ratio Lower Upper
164 100
166 126.9 103.4 155.2
129 96.9 79.2 118.8
131 93.9 77.1 115.7





#65
Chlorobenzene
Concen: 56.100 ug/l
RT: 11.888 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

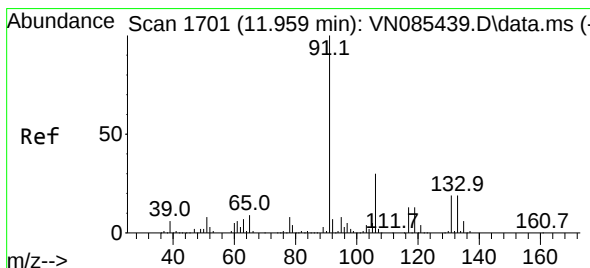
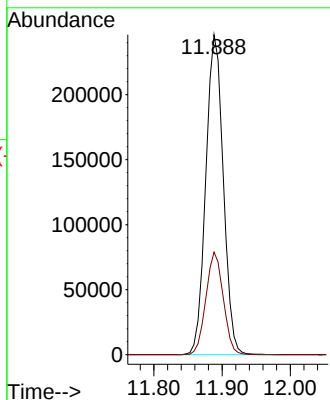
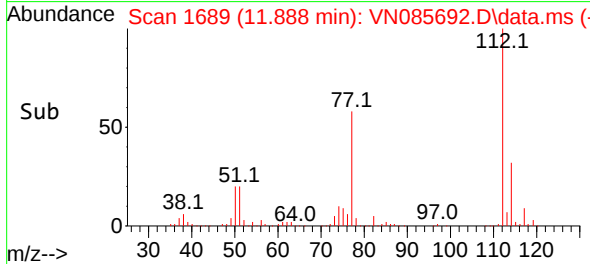
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



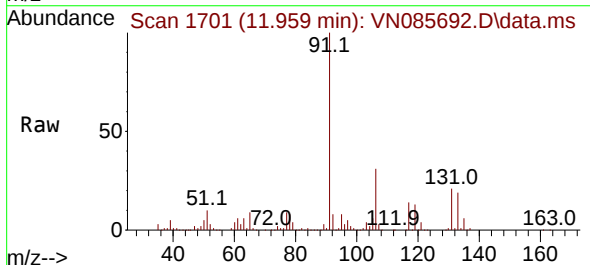
Tgt Ion:112 Resp: 438869
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9

Manual Integrations
APPROVED

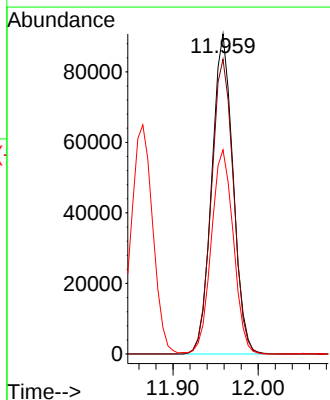
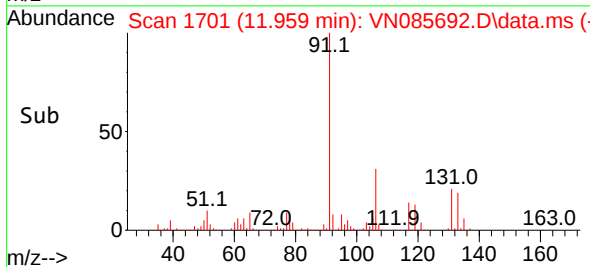
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

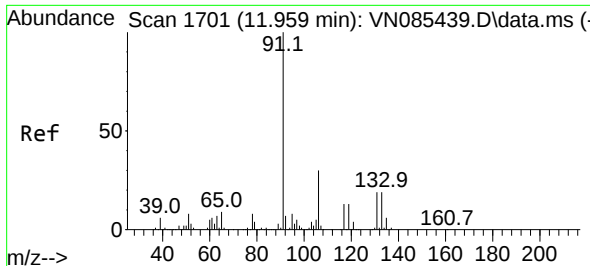


#66
1,1,1,2-Tetrachloroethane
Concen: 54.867 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28



Tgt Ion:131 Resp: 157533
Ion Ratio Lower Upper
131 100
133 95.5 47.4 142.3
119 66.0 33.1 99.5





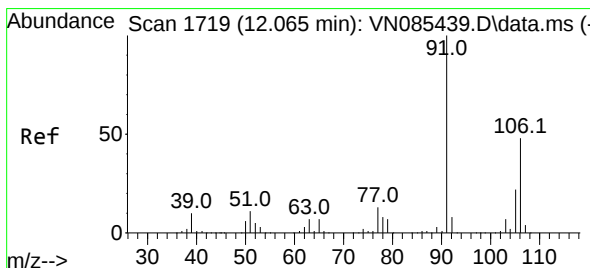
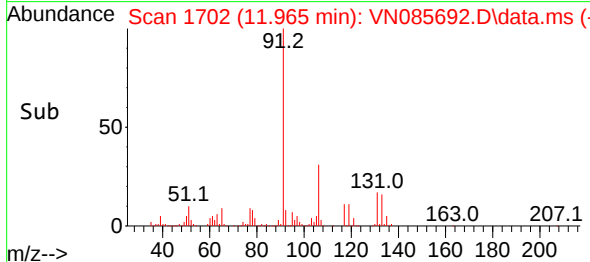
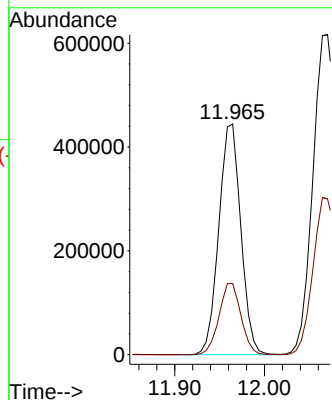
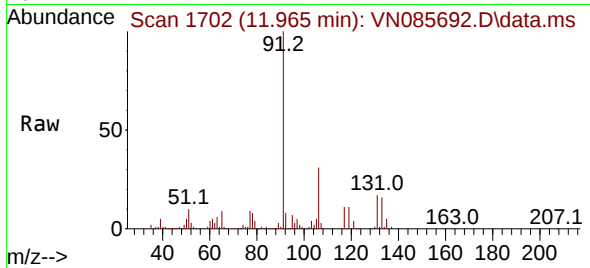
#67
Ethyl Benzene
Concen: 59.478 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 75784
Ion Ratio Lower Upper
91 100
106 30.8 23.8 35.8

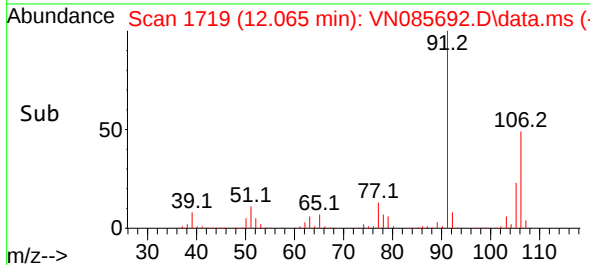
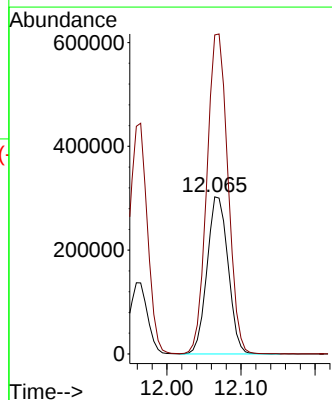
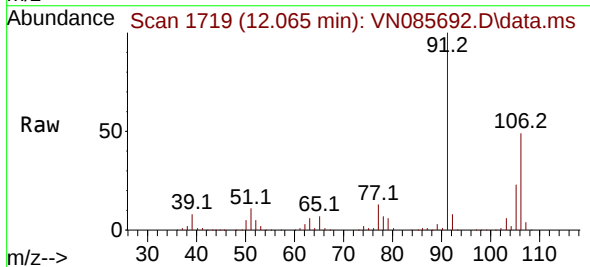
Manual Integrations
APPROVED

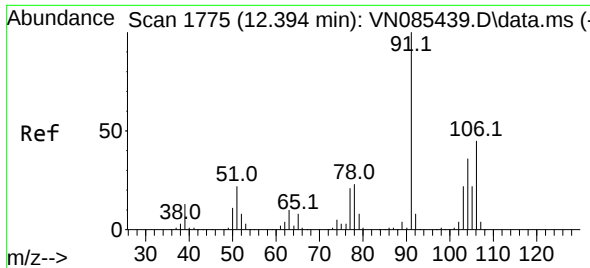
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#68
m/p-Xylenes
Concen: 126.907 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

Tgt Ion:106 Resp: 597610
Ion Ratio Lower Upper
106 100
91 203.9 167.7 251.5





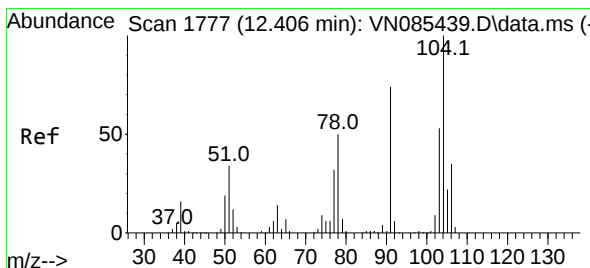
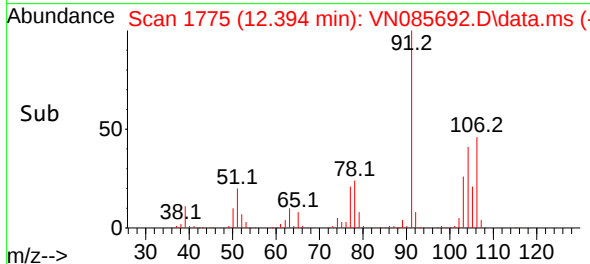
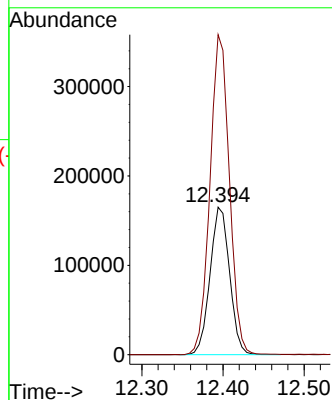
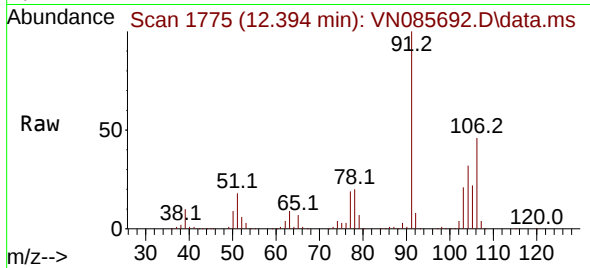
#69
o-Xylene
Concen: 61.309 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 27590
Ion Ratio Lower Upper
106 100
91 215.6 110.4 331.2

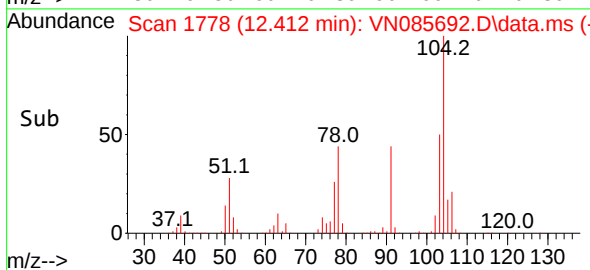
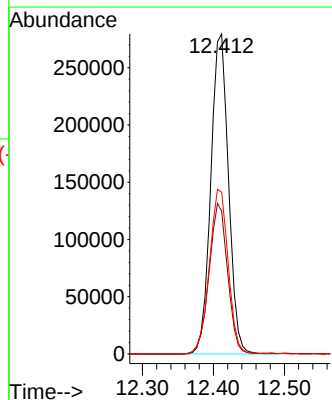
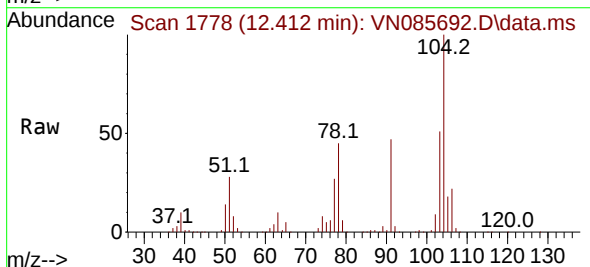
Manual Integrations
APPROVED

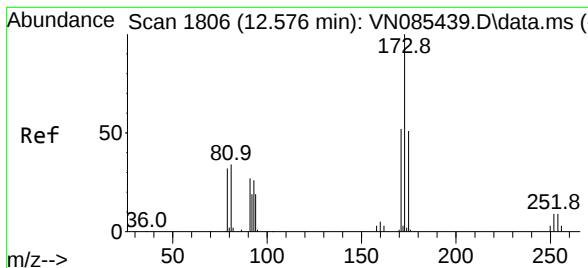
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#70
Styrene
Concen: 64.939 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

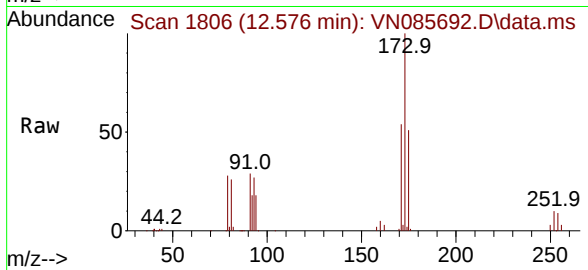
Tgt Ion:104 Resp: 483655
Ion Ratio Lower Upper
104 100
78 49.1 42.5 63.7
103 54.6 43.8 65.8





#71
Bromoform
Concen: 59.244 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

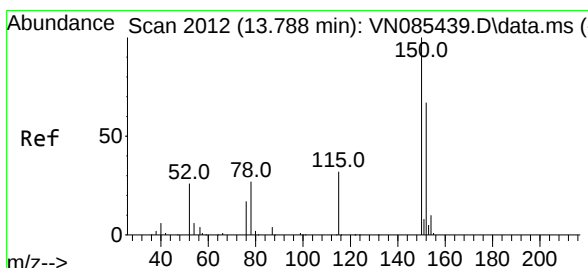
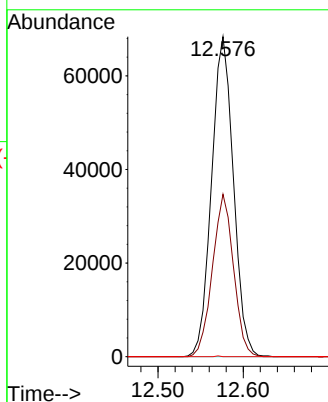
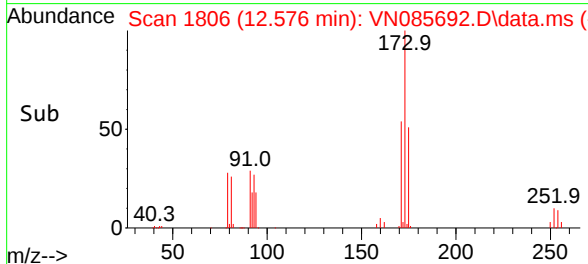
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



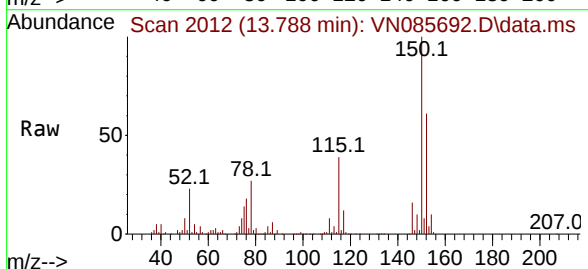
Tgt Ion:173 Resp: 121709
Ion Ratio Lower Upper
173 100
175 49.0 24.4 73.2
254 0.1 0.0 0.0

Manual Integrations
APPROVED

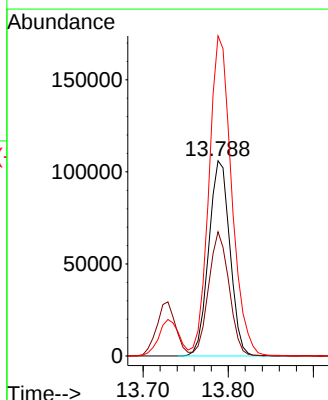
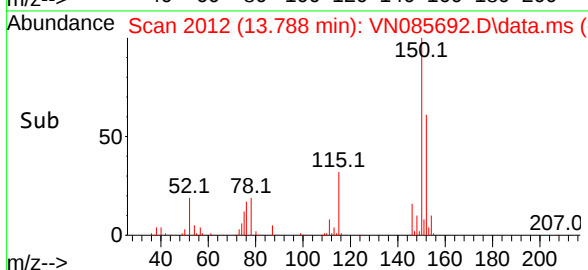
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

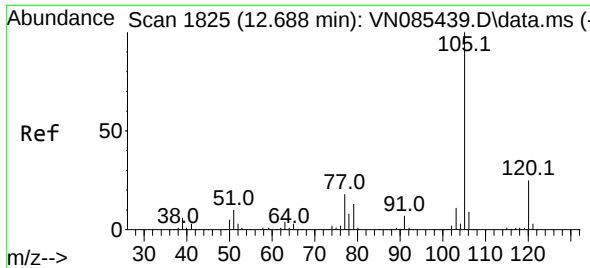


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28



Tgt Ion:152 Resp: 183220
Ion Ratio Lower Upper
152 100
115 61.8 31.1 93.3
150 176.1 0.0 343.6





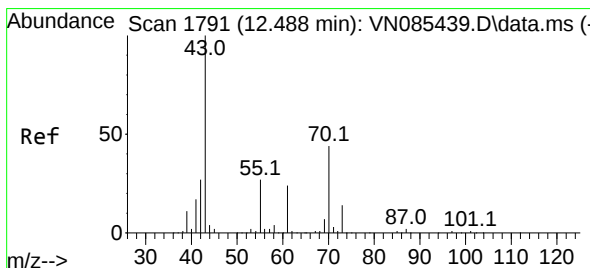
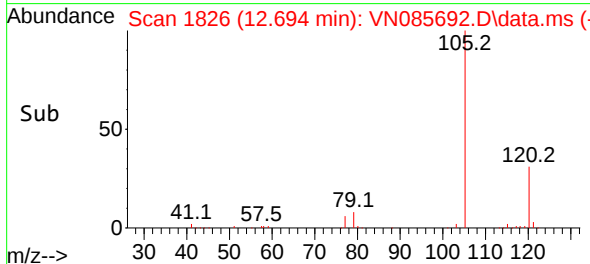
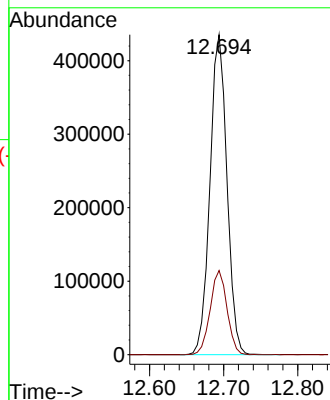
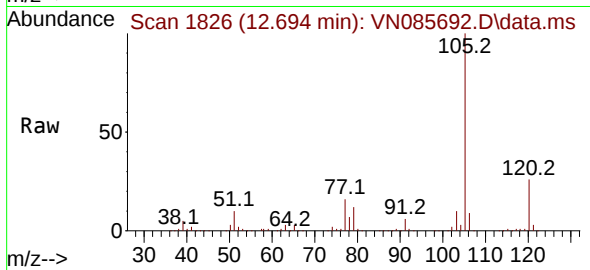
#73
Isopropylbenzene
Concen: 56.010 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 69260
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.3

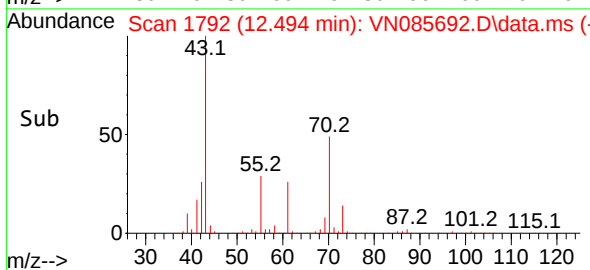
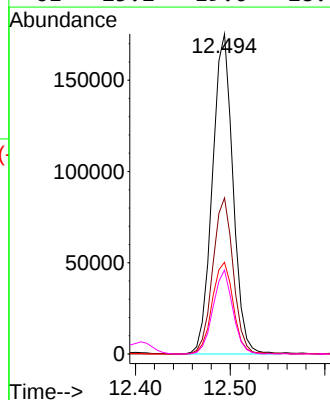
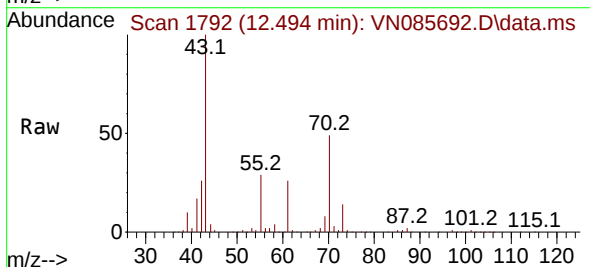
Manual Integrations
APPROVED

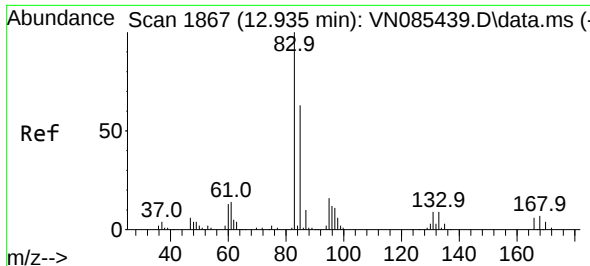
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#74
N-ethyl acetate
Concen: 47.719 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

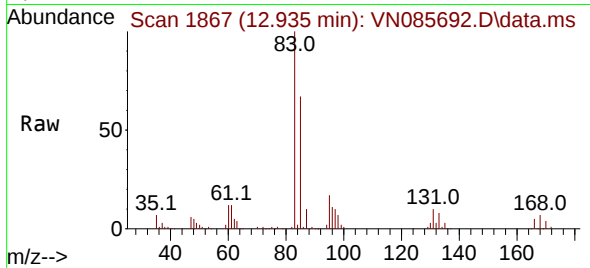
Tgt Ion: 43 Resp: 265232
Ion Ratio Lower Upper
43 100
70 48.6 34.0 51.0
55 29.5 21.4 32.2
61 25.2 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 50.351 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

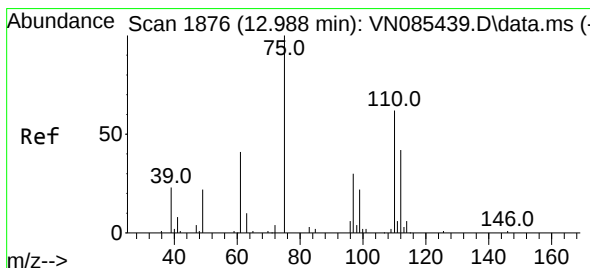
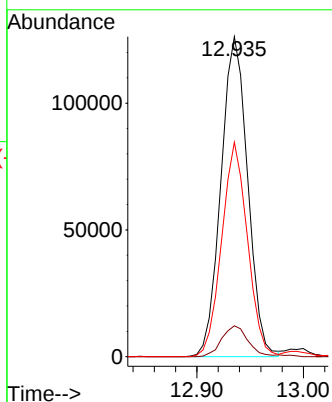
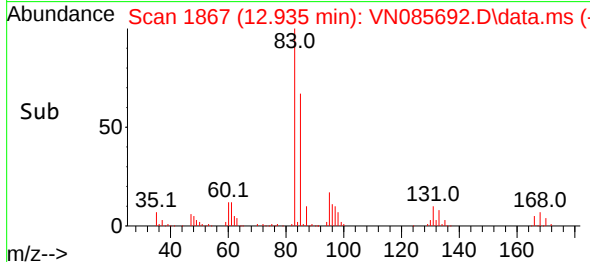
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



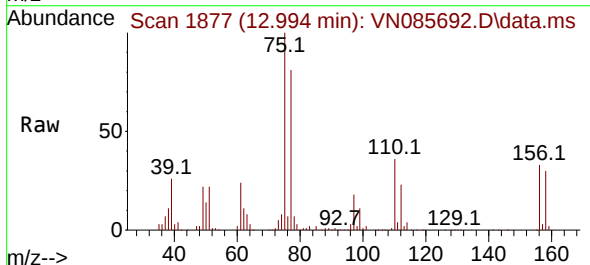
Tgt Ion: 83 Resp: 21994
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.4
85 64.5 32.2 96.6

Manual Integrations
APPROVED

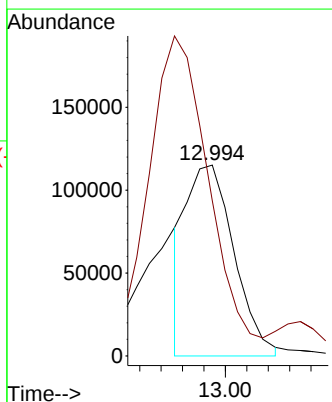
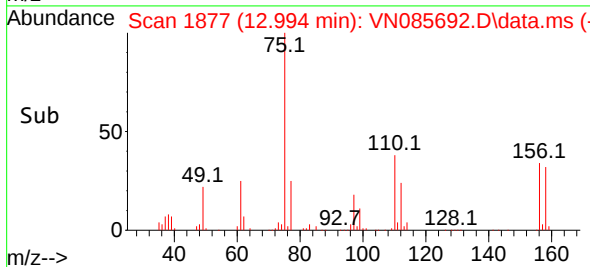
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

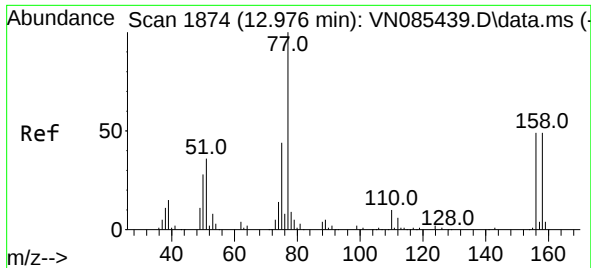


#76
1,2,3-Trichloropropane
Concen: 47.860 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28



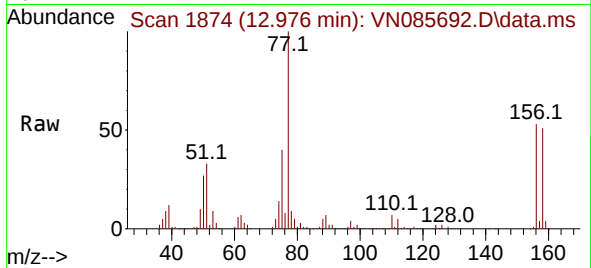
Tgt Ion: 75 Resp: 178231
Ion Ratio Lower Upper
75 100
77 214.4 109.7 329.2





#77
Bromobenzene
Concen: 53.981 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

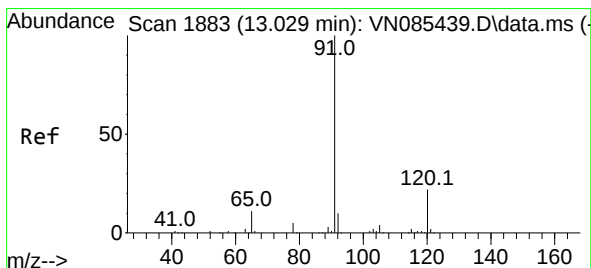
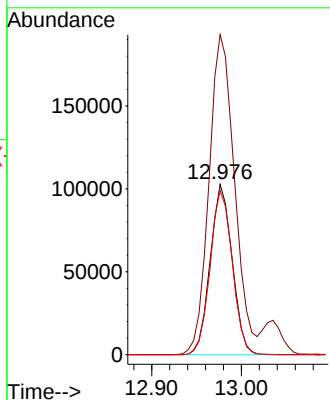
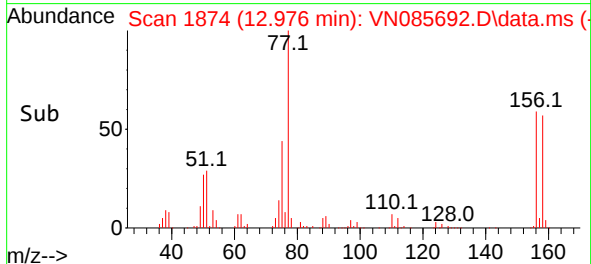
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 174398
Ion Ratio Lower Upper
156 100
77 219.1 114.1 342.4
158 97.3 48.9 146.8

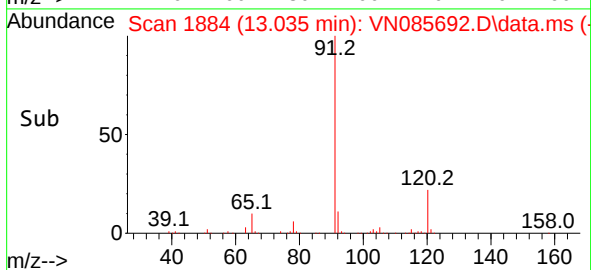
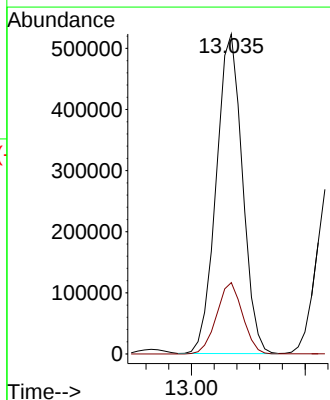
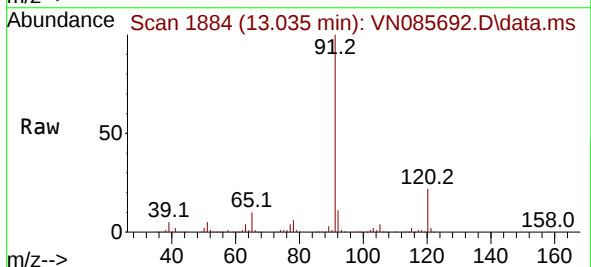
Manual Integrations
APPROVED

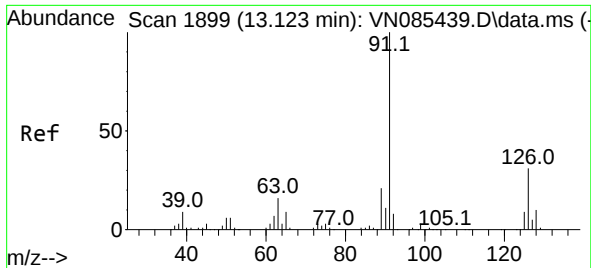
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#78
n-propylbenzene
Concen: 57.127 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

Tgt Ion: 91 Resp: 836286
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.6





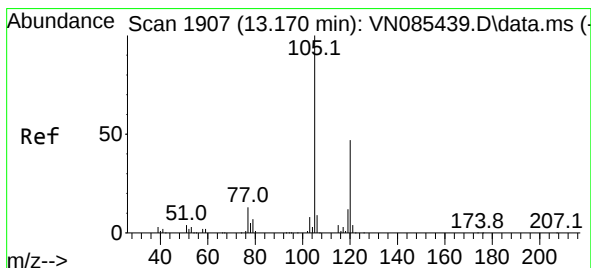
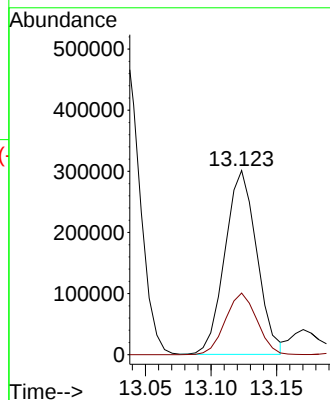
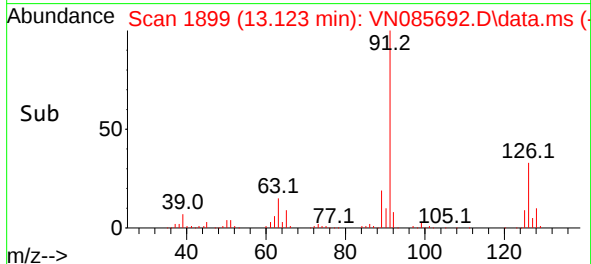
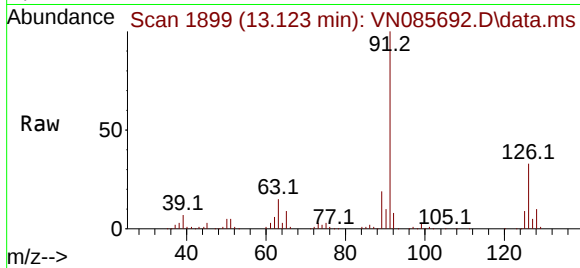
#79
2-Chlorotoluene
Concen: 53.670 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 508484
Ion Ratio Lower Upper
91 100
126 33.2 15.7 47.1

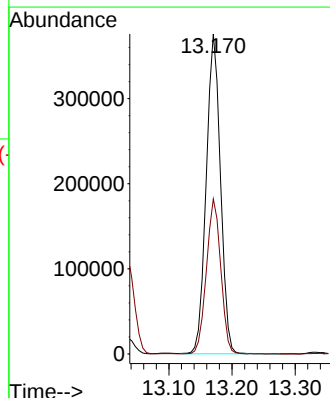
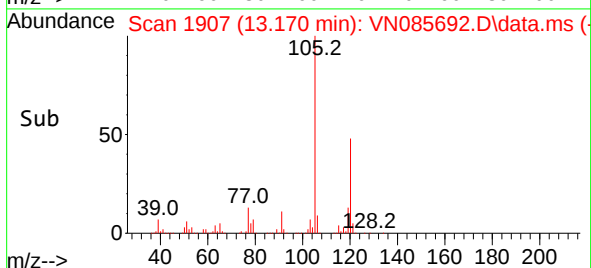
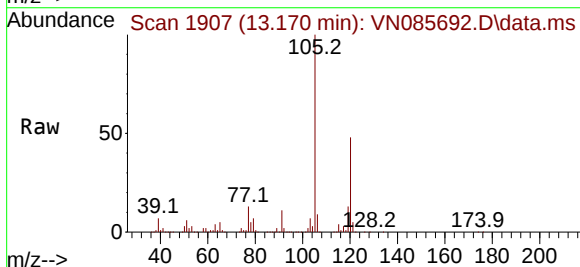
Manual Integrations
APPROVED

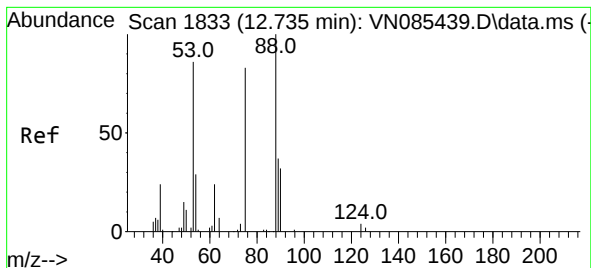
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#80
1,3,5-Trimethylbenzene
Concen: 57.602 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

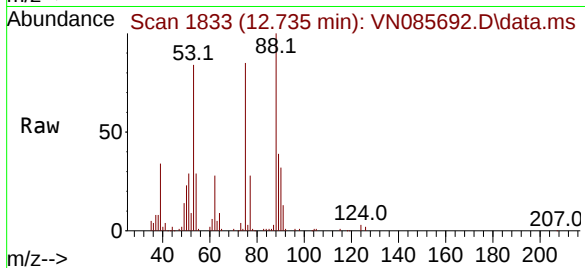
Tgt Ion:105 Resp: 588356
Ion Ratio Lower Upper
105 100
120 48.9 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 54.763 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

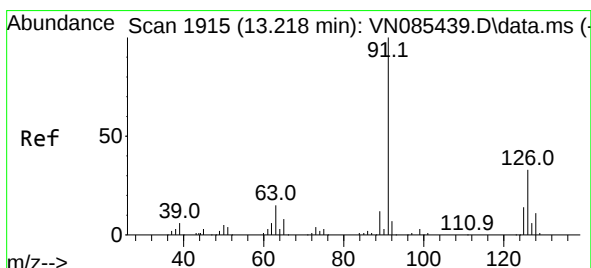
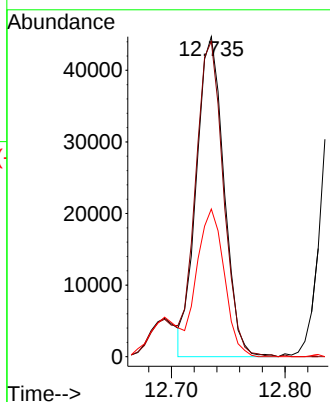
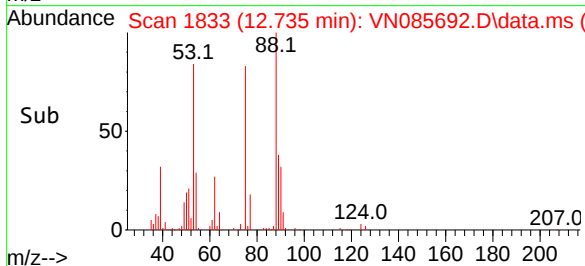
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



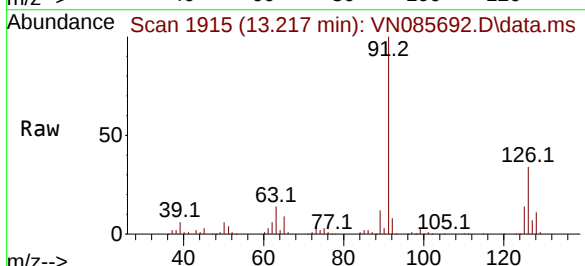
Tgt Ion: 75 Resp: 7537
Ion Ratio Lower Upper
75 100
53 99.4 95.6 143.4
89 45.1 37.0 55.6

Manual Integrations
APPROVED

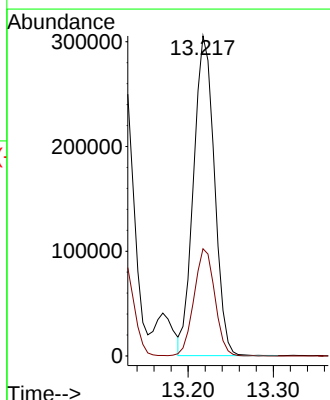
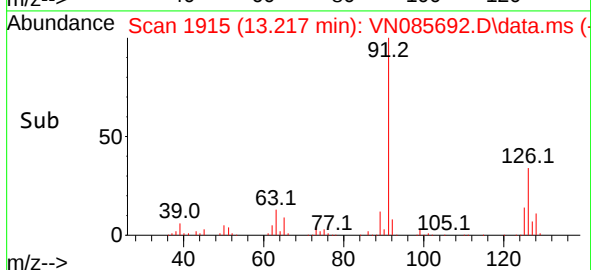
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

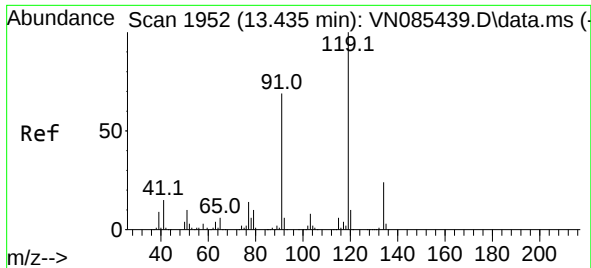


#82
4-Chlorotoluene
Concen: 54.913 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28



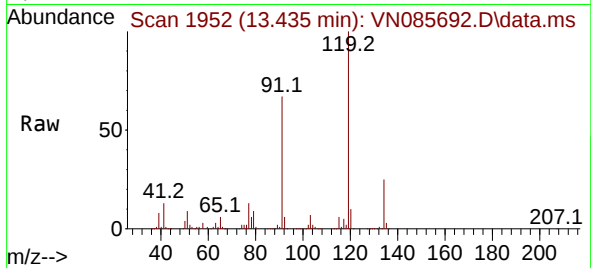
Tgt Ion: 91 Resp: 518019
Ion Ratio Lower Upper
91 100
126 33.6 15.9 47.7





#83
tert-Butylbenzene
Concen: 54.758 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

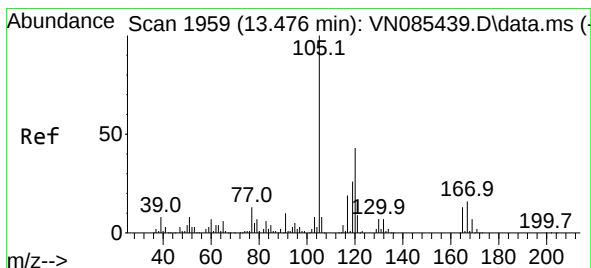
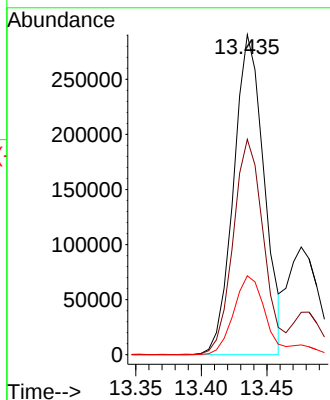
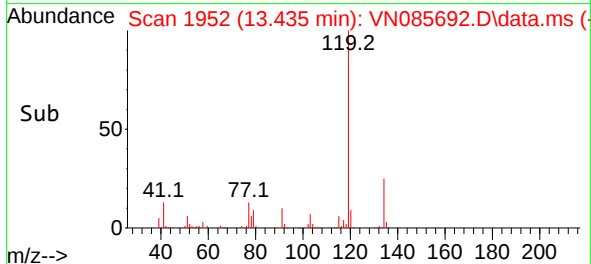
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



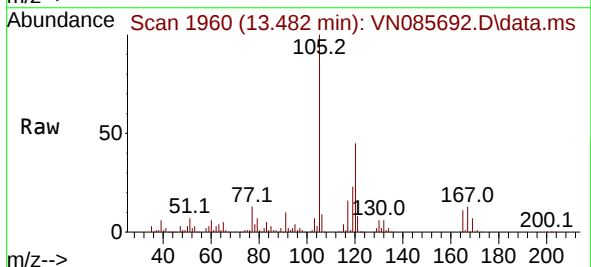
Tgt Ion:119 Resp: 469690
Ion Ratio Lower Upper
119 100
91 67.5 35.1 105.3
134 27.5 12.0 36.1

Manual Integrations
APPROVED

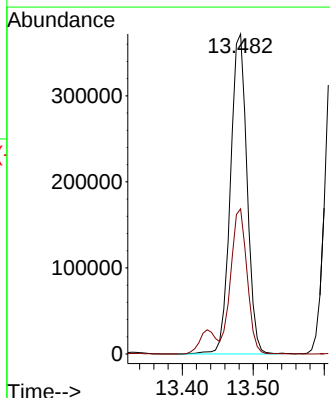
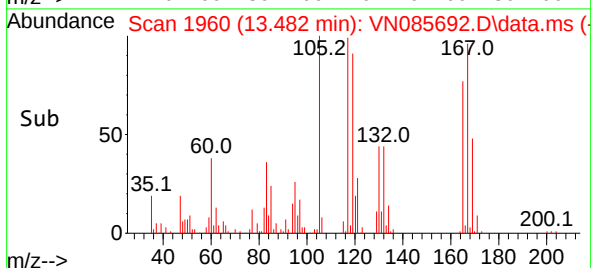
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

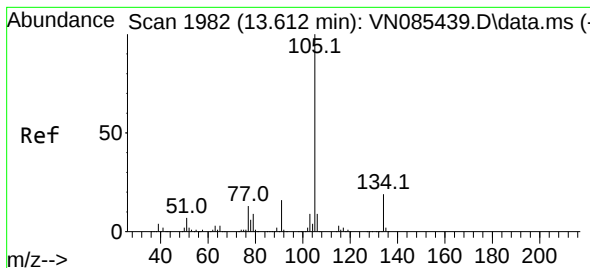


#84
1,2,4-Trimethylbenzene
Concen: 59.387 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28



Tgt Ion:105 Resp: 604574
Ion Ratio Lower Upper
105 100
120 44.5 21.6 65.0





#85

sec-Butylbenzene

Concen: 56.553 ug/l

RT: 13.611 min Scan# 1982

Delta R.T. -0.001 min

Lab File: VN085692.D

Acq: 07 Feb 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 672324

Ion Ratio Lower Upper

105 100

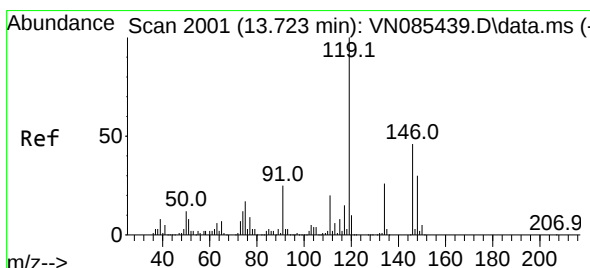
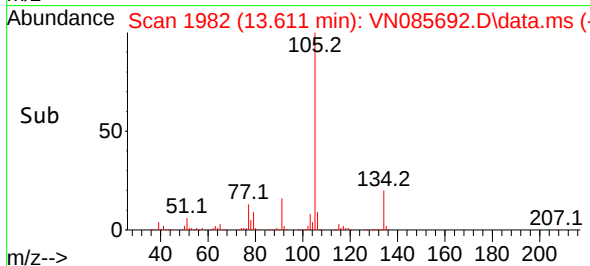
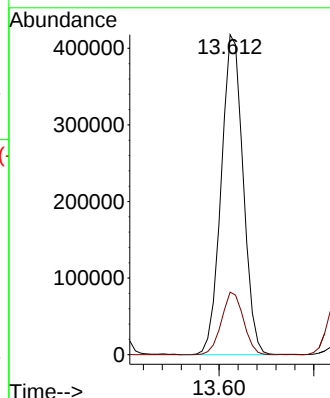
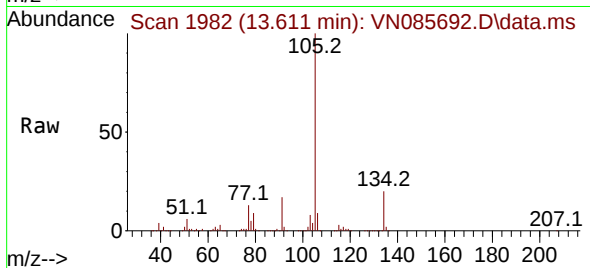
134 19.5 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#86

p-Isopropyltoluene

Concen: 52.594 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN085692.D

Acq: 07 Feb 2025 12:28

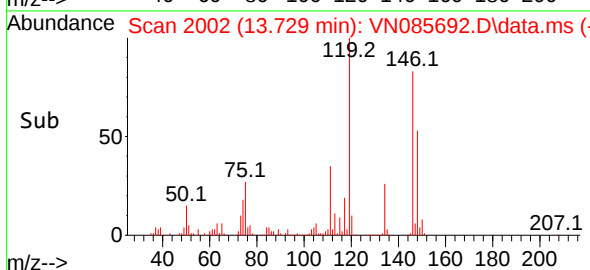
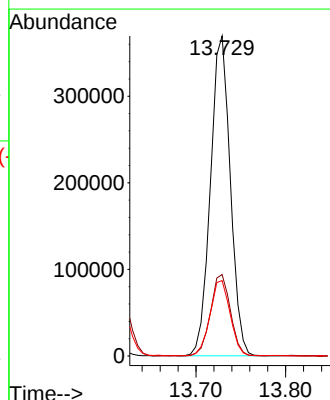
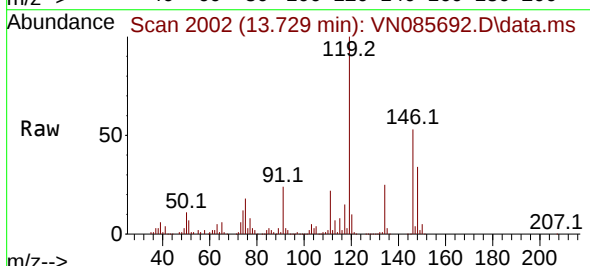
Tgt Ion:119 Resp: 566642

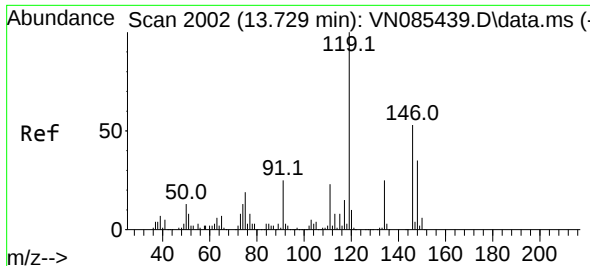
Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.0

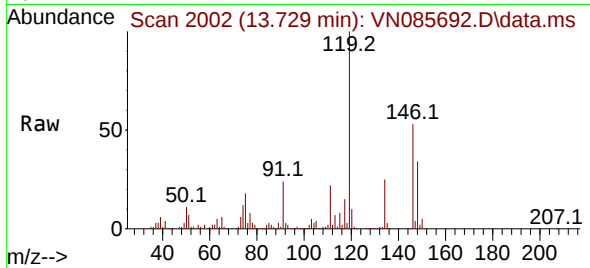
91 23.8 12.7 38.1





#87
1,3-Dichlorobenzene
Concen: 54.536 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

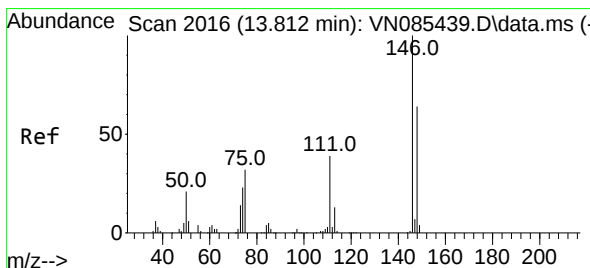
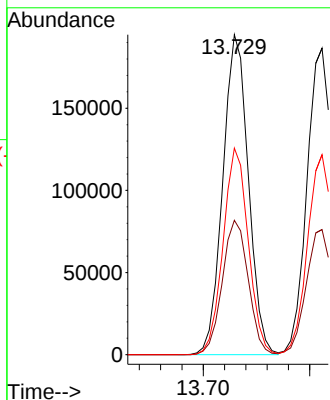
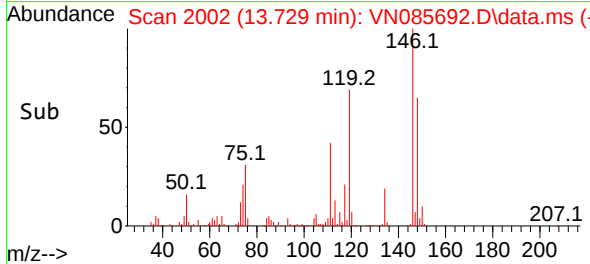
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



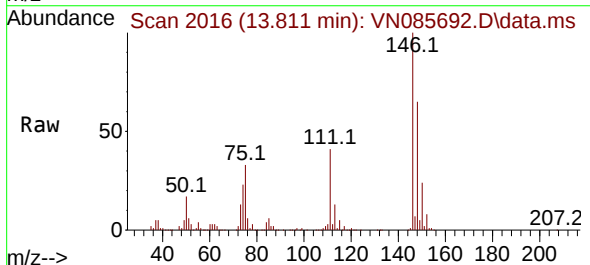
Tgt Ion:146 Resp: 32447
Ion Ratio Lower Upper
146 100
111 42.6 21.4 64.3
148 63.6 32.3 96.9

Manual Integrations
APPROVED

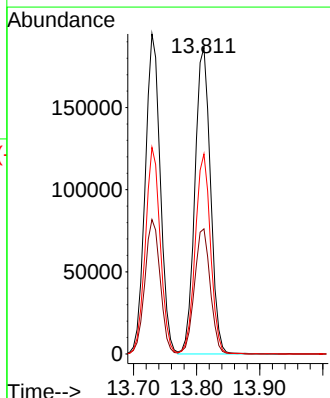
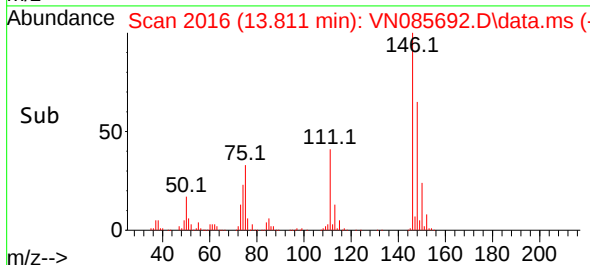
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

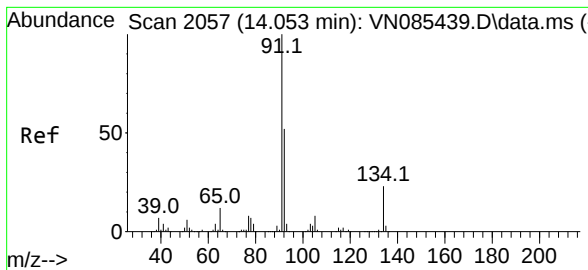


#88
1,4-Dichlorobenzene
Concen: 51.717 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28



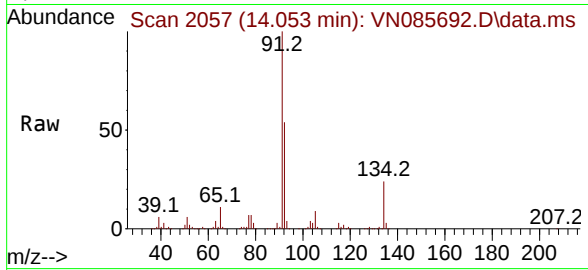
Tgt Ion:146 Resp: 318943
Ion Ratio Lower Upper
146 100
111 41.1 21.3 63.7
148 63.9 32.4 97.0





#89
n-Butylbenzene
Concen: 55.073 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

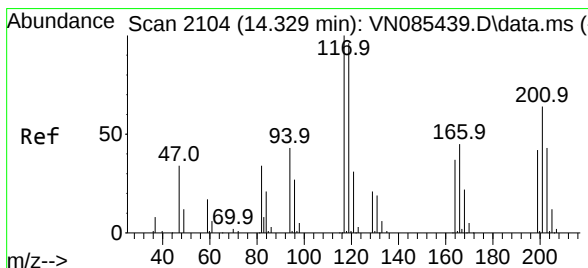
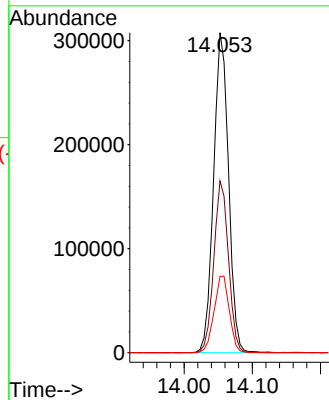
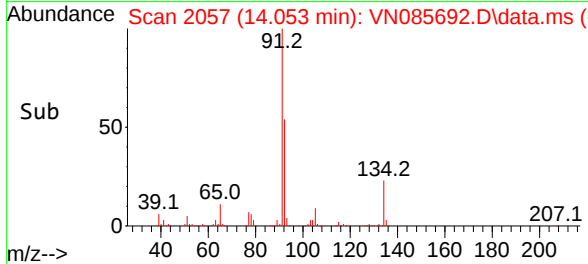
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 469704
Ion Ratio Lower Upper
91 100
92 52.7 25.8 77.3
134 24.4 11.7 35.1

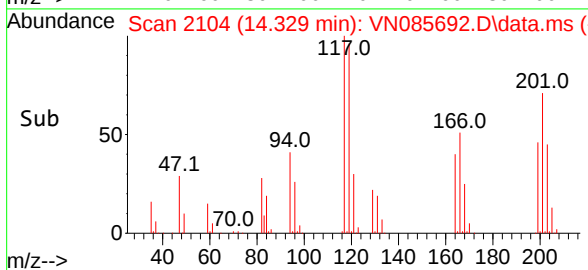
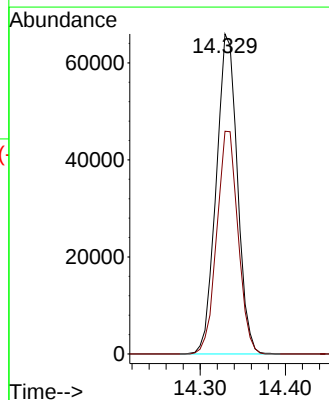
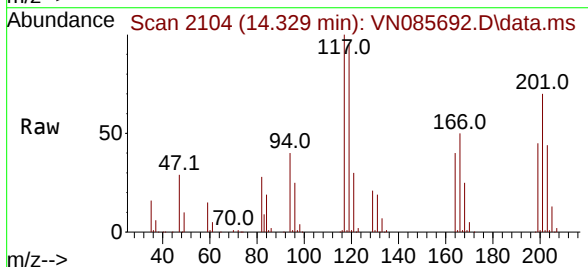
Manual Integrations
APPROVED

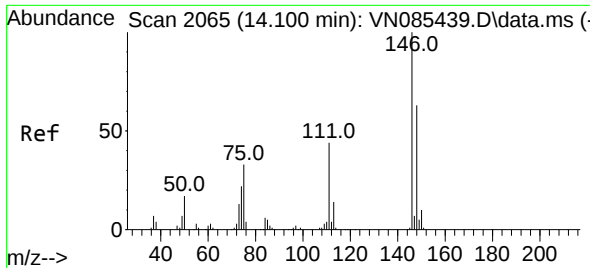
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#90
Hexachloroethane
Concen: 50.256 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

Tgt Ion:117 Resp: 113738
Ion Ratio Lower Upper
117 100
201 69.9 33.7 101.0





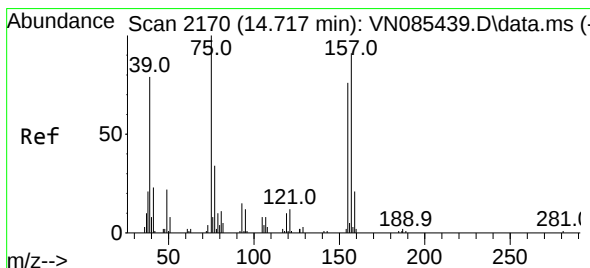
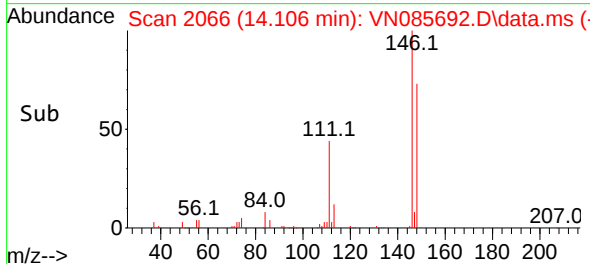
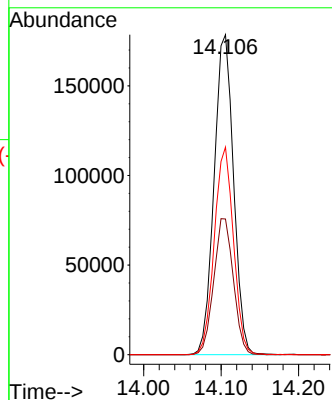
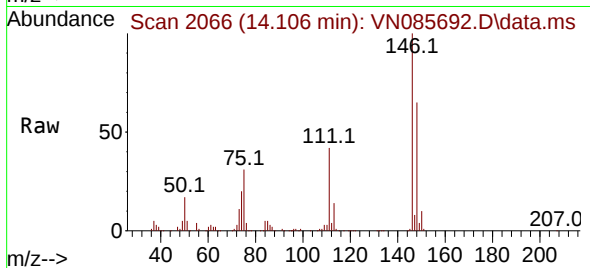
#91
1,2-Dichlorobenzene
Concen: 52.407 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 31102
Ion Ratio Lower Upper
146 100
111 42.9 21.7 65.1
148 64.1 31.4 94.2

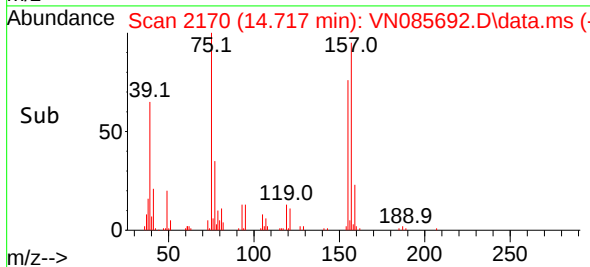
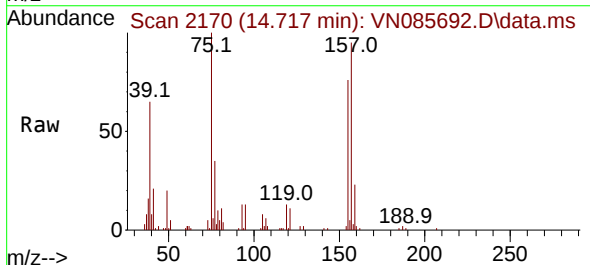
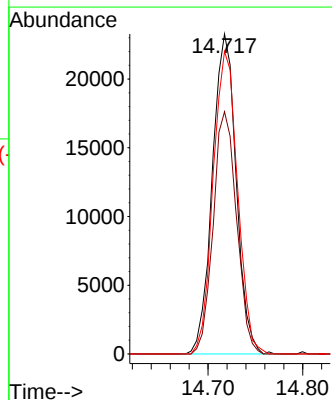
Manual Integrations
APPROVED

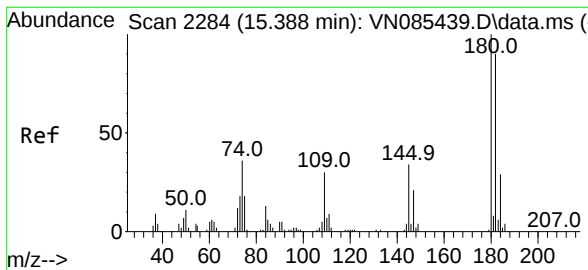
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.962 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

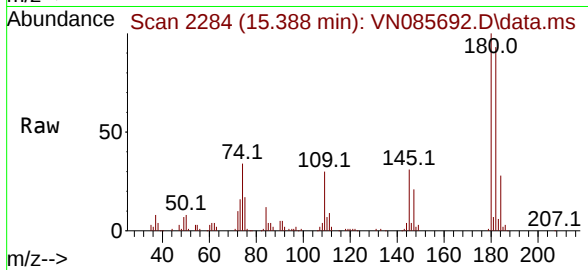
Tgt Ion: 75 Resp: 40650
Ion Ratio Lower Upper
75 100
155 74.3 36.4 109.2
157 96.7 45.4 136.1





#93
1,2,4-Trichlorobenzene
Concen: 52.341 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28

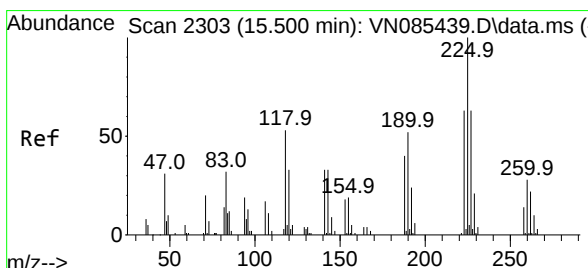
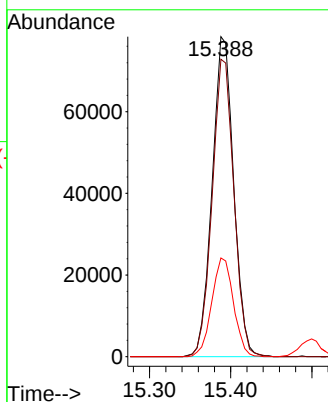
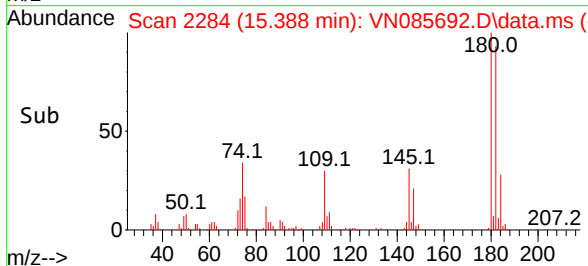
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



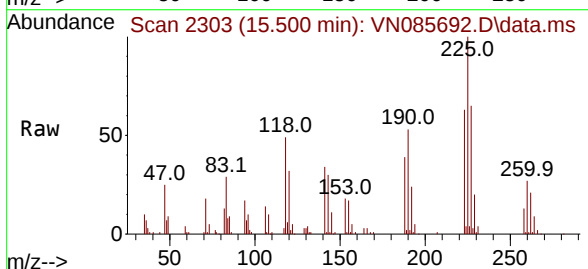
Tgt Ion:180 Resp: 144374
Ion Ratio Lower Upper
180 100
182 93.7 46.8 140.3
145 31.1 16.0 48.0

Manual Integrations
APPROVED

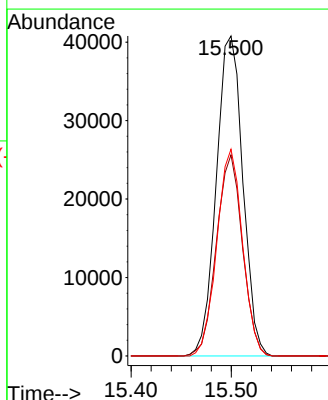
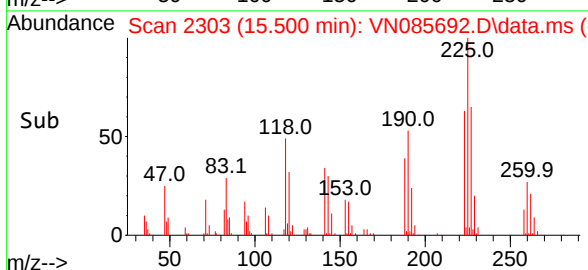
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

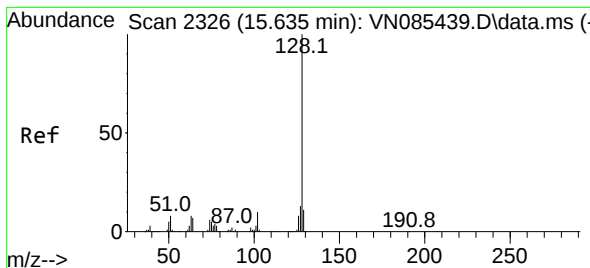


#94
Hexachlorobutadiene
Concen: 51.213 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN085692.D
Acq: 07 Feb 2025 12:28



Tgt Ion:225 Resp: 74997
Ion Ratio Lower Upper
225 100
223 61.6 30.7 92.1
227 62.2 30.9 92.5





#95

Naphthalene

Concen: 52.838 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN085692.D

Acq: 07 Feb 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

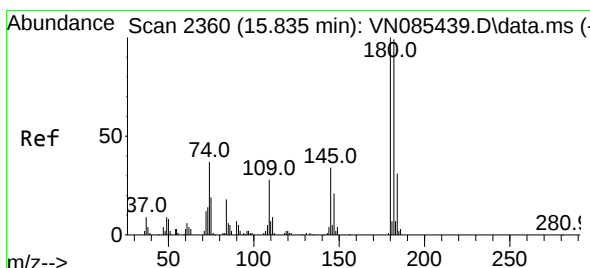
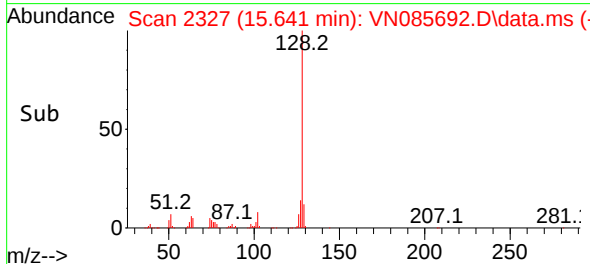
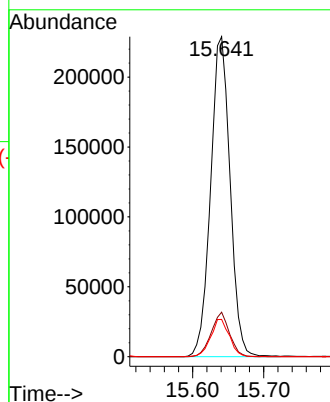
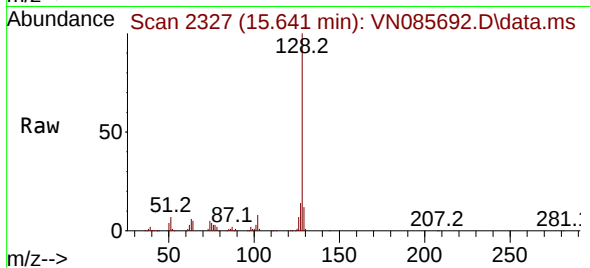
Tgt Ion:128 Resp: 434902
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.6 16.0
 129 11.3 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#96

1,2,3-Trichlorobenzene

Concen: 51.058 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085692.D

Acq: 07 Feb 2025 12:28

Tgt Ion:180 Resp: 142501
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.4 142.2
 145 33.4 16.9 50.7

