

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020725\
 Data File : VN085697.D
 Acq On : 07 Feb 2025 15:29
 Operator : JC\MD
 Sample : VN0207WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0207WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Feb 07 22:31:22 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	204758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	361058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	321993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	151240	45.758	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.520%		
35) Dibromofluoromethane	8.165	113	118226	47.199	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.400%		
50) Toluene-d8	10.565	98	395655	44.457	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.920%		
62) 4-Bromofluorobenzene	12.847	95	136321	44.778	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	89.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	64983	23.440	ug/l	94
3) Chloromethane	2.360	50	69515	23.158	ug/l	97
4) Vinyl Chloride	2.512	62	65896	21.841	ug/l	94
5) Bromomethane	2.959	94	44055	24.173	ug/l	91
6) Chloroethane	3.118	64	44227	23.121	ug/l	91
7) Trichlorofluoromethane	3.495	101	90797	20.740	ug/l	99
8) Diethyl Ether	3.959	74	31983	21.148	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	53195	21.574	ug/l	97
10) Methyl Iodide	4.589	142	68141	24.132	ug/l	98
11) Tert butyl alcohol	5.512	59	46788	123.624	ug/l	100
12) 1,1-Dichloroethene	4.336	96	45708	20.800	ug/l	92
13) Acrolein	4.177	56	27870	53.944	ug/l	99
14) Allyl chloride	5.018	41	64257	18.020	ug/l	96
15) Acrylonitrile	5.718	53	142328	118.395	ug/l	99
16) Acetone	4.424	43	115947	108.570	ug/l	96
17) Carbon Disulfide	4.712	76	141810	20.959	ug/l	97
18) Methyl Acetate	5.018	43	70438	21.690	ug/l	95
19) Methyl tert-butyl Ether	5.795	73	163361	22.894	ug/l	98
20) Methylene Chloride	5.271	84	62064	23.475	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	51651	21.993	ug/l	88
22) Diisopropyl ether	6.671	45	166401	21.024	ug/l	98
23) Vinyl Acetate	6.600	43	612077	110.504	ug/l	97
24) 1,1-Dichloroethane	6.565	63	103755	21.499	ug/l	98
25) 2-Butanone	7.483	43	172178	109.557	ug/l	93
26) 2,2-Dichloropropane	7.489	77	82678	21.190	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	61596	22.268	ug/l	93
28) Bromochloromethane	7.806	49	42652	18.996	ug/l	87
29) Tetrahydrofuran	7.836	42	113313	113.724	ug/l	91
30) Chloroform	7.959	83	109674	21.988	ug/l	97
31) Cyclohexane	8.253	56	74342	17.723	ug/l #	92
32) 1,1,1-Trichloroethane	8.165	97	91442	20.900	ug/l	96
36) 1,1-Dichloropropene	8.365	75	68320	19.434	ug/l	99
37) Ethyl Acetate	7.553	43	74735	21.062	ug/l	97
38) Carbon Tetrachloride	8.359	117	79362	19.719	ug/l	96
39) Methylcyclohexane	9.594	83	60997	18.464	ug/l	99
40) Benzene	8.600	78	229785	21.754	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	36965	20.023	ug/l	92
42) 1,2-Dichloroethane	8.665	62	84969	21.358	ug/l	98
43) Isopropyl Acetate	8.683	43	123785	21.771	ug/l	98
44) Trichloroethene	9.347	130	51316	20.870	ug/l	99
45) 1,2-Dichloropropane	9.618	63	56756	21.036	ug/l	99
46) Dibromomethane	9.706	93	43495	22.342	ug/l	96
47) Bromodichloromethane	9.883	83	88058	22.202	ug/l	99
48) Methyl methacrylate	9.683	41	51222	20.018	ug/l	91
49) 1,4-Dioxane	9.688	88	21635	502.105	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	363189	110.078	ug/l	95
52) Toluene	10.630	92	137262	22.427	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	82334	21.966	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	86935	21.713	ug/l	92
55) 1,1,2-Trichloroethane	11.012	97	56876	23.482	ug/l	96
56) Ethyl methacrylate	10.871	69	76326	19.915	ug/l	93
57) 1,3-Dichloropropane	11.159	76	96253	22.854	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	164388	106.949	ug/l	96
59) 2-Hexanone	11.194	43	263412	113.464	ug/l	97
60) Dibromochloromethane	11.359	129	67355	23.034	ug/l	98
61) 1,2-Dibromoethane	11.465	107	55311	22.941	ug/l	100
64) Tetrachloroethene	11.100	164	48325	22.015	ug/l	97
65) Chlorobenzene	11.888	112	147469	20.906	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	55268	21.348	ug/l	100
67) Ethyl Benzene	11.959	91	230666	20.077	ug/l	98
68) m/p-Xylenes	12.071	106	185187	43.614	ug/l	96
69) o-Xylene	12.394	106	84189	20.747	ug/l	99
70) Styrene	12.406	104	148024	22.042	ug/l	98
71) Bromoform	12.576	173	44568	24.060	ug/l #	99
73) Isopropylbenzene	12.694	105	205925	19.698	ug/l	99
74) N-amyl acetate	12.488	43	91818	19.541	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	81853	22.166	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	65401m	20.774	ug/l	
77) Bromobenzene	12.976	156	59183	21.669	ug/l	95
78) n-propylbenzene	13.035	91	251035	20.284	ug/l	100
79) 2-Chlorotoluene	13.124	91	161264	20.134	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	177286	20.531	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	26708m	22.953	ug/l	
82) 4-Chlorotoluene	13.218	91	161795	20.288	ug/l	97
83) tert-Butylbenzene	13.435	119	137581	18.973	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	179423	20.848	ug/l	100
85) sec-Butylbenzene	13.612	105	196538	19.555	ug/l	99
86) p-Isopropyltoluene	13.729	119	160371	19.187	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	103558	20.588	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	101964	19.557	ug/l	99
89) n-Butylbenzene	14.053	91	128801	17.864	ug/l	100
90) Hexachloroethane	14.329	117	35758	18.689	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	99105	19.753	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	14969	22.198	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	42691	18.308	ug/l	99
94) Hexachlorobutadiene	15.500	225	22302	18.014	ug/l	96
95) Naphthalene	15.635	128	121135	17.409	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	41818	17.723	ug/l	97

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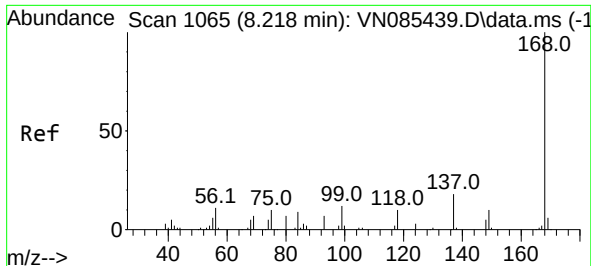
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/10/2025

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Quant Title : SW846 8260
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Response via : Initial Calibration

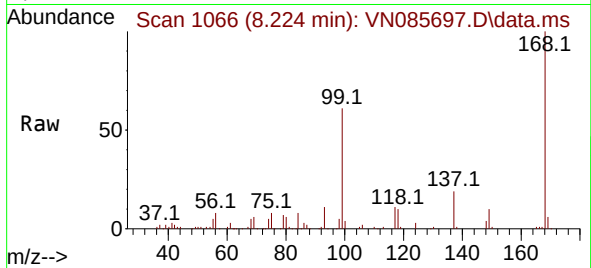
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
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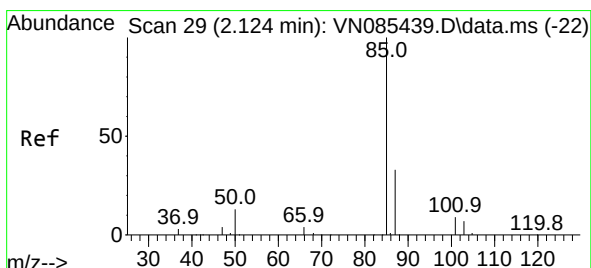
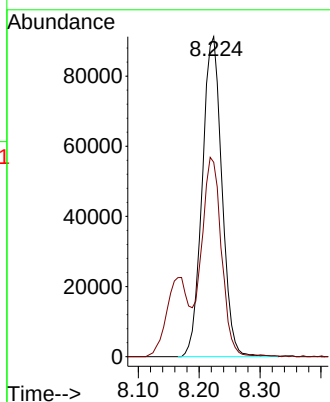
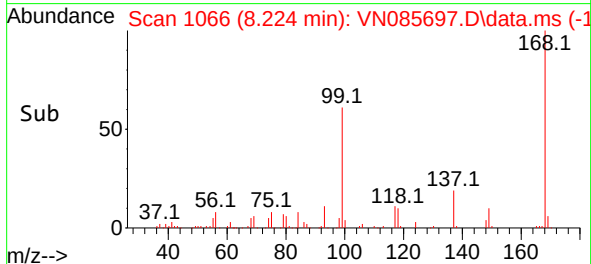
Instrument :
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Tgt Ion:168 Resp: 204758
Ion Ratio Lower Upper
168 100
99 60.5 53.6 80.4

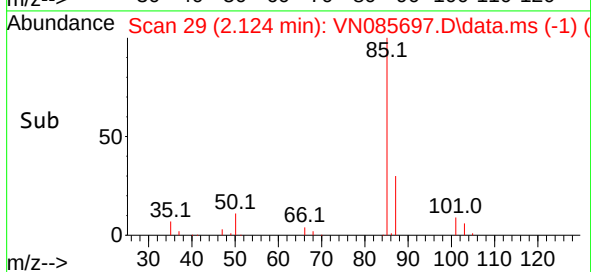
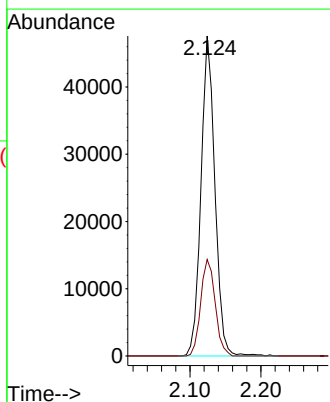
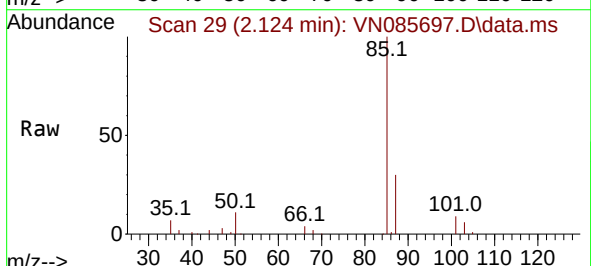
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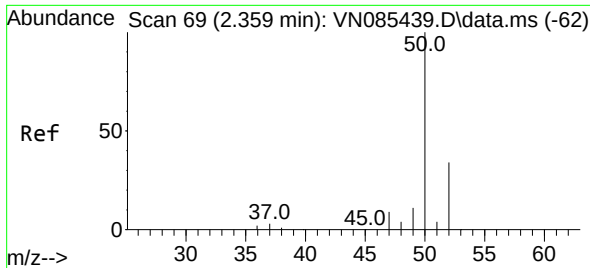
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#2
Dichlorodifluoromethane
Concen: 23.440 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

Tgt Ion: 85 Resp: 64983
Ion Ratio Lower Upper
85 100
87 30.1 16.7 50.1





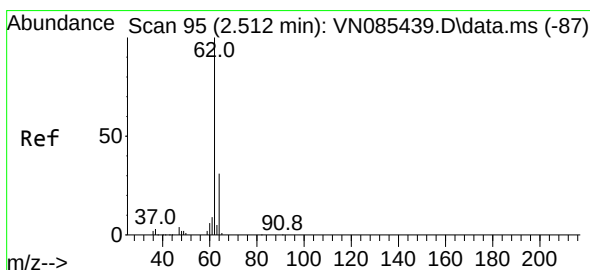
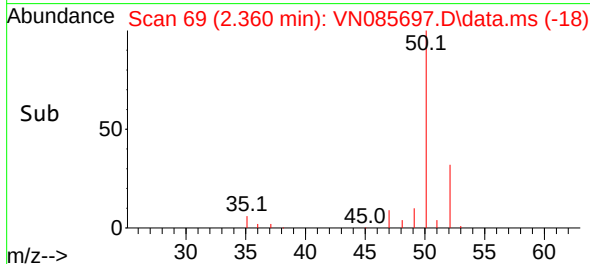
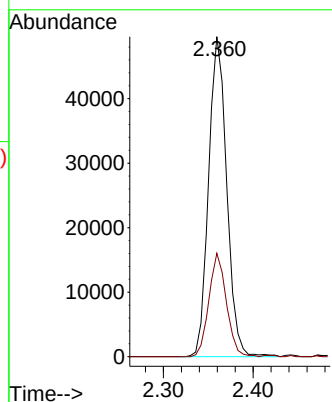
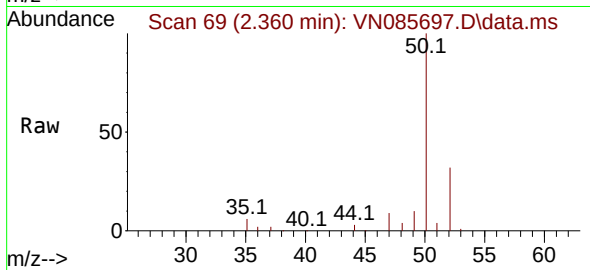
#3
Chloromethane
Concen: 23.158 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085697.D
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Tgt Ion: 50 Resp: 6951
Ion Ratio Lower Upper
50 100
52 32.3 27.0 40.6

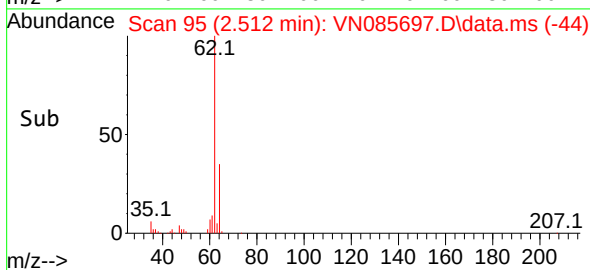
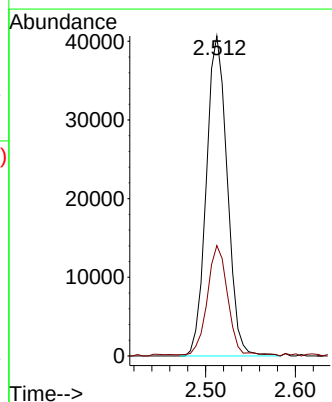
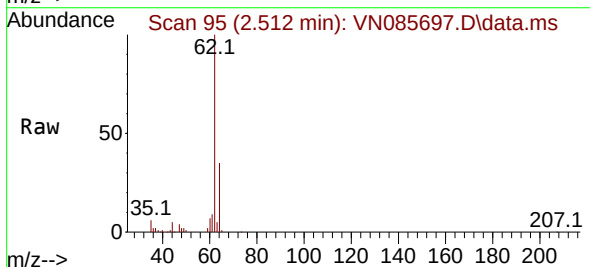
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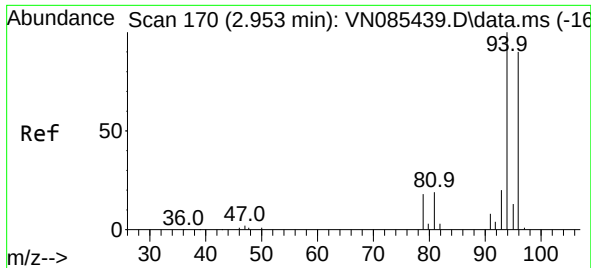
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#4
Vinyl Chloride
Concen: 21.841 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

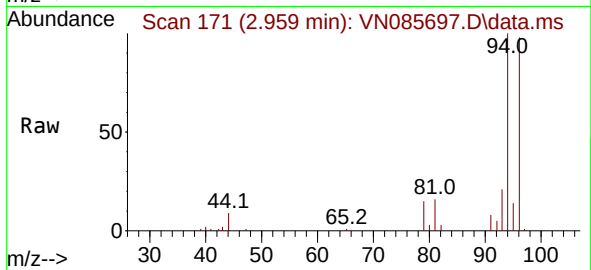
Tgt Ion: 62 Resp: 65896
Ion Ratio Lower Upper
62 100
64 34.5 24.8 37.2





#5
Bromomethane
Concen: 24.173 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN085697.D
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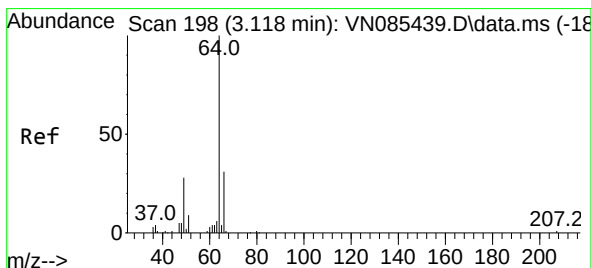
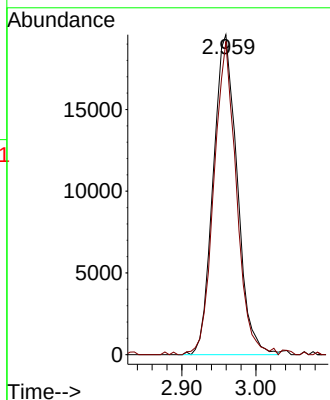
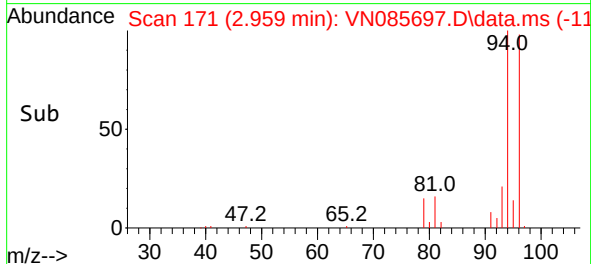
Instrument :
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Tgt Ion: 94 Resp: 4405
Ion Ratio Lower Upper
94 100
96 97.9 71.8 107.6

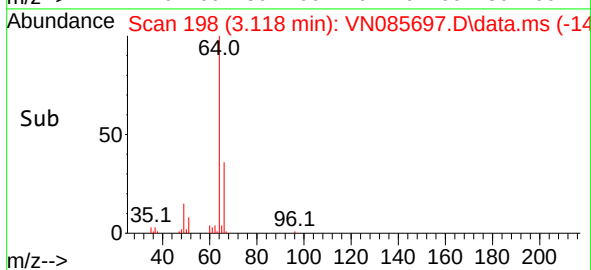
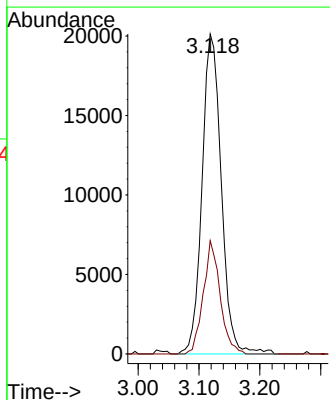
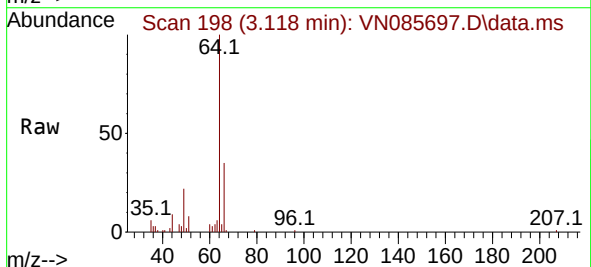
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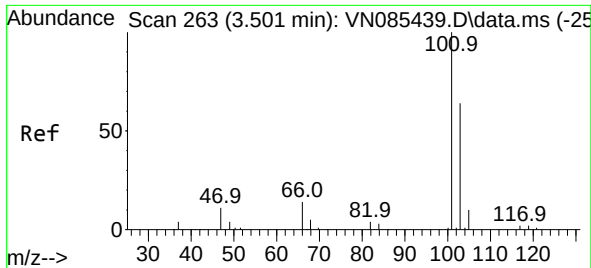
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#6
Chloroethane
Concen: 23.121 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

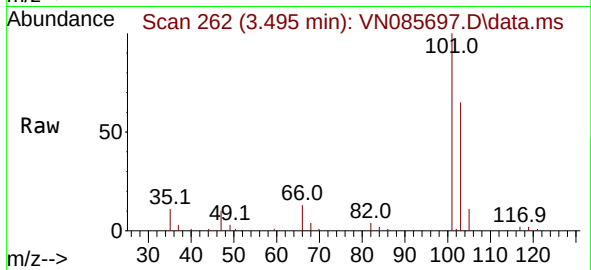
Tgt Ion: 64 Resp: 44227
Ion Ratio Lower Upper
64 100
66 35.4 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 20.740 ug/l
 RT: 3.495 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN085697.D
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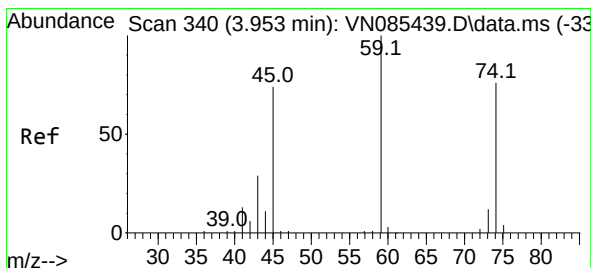
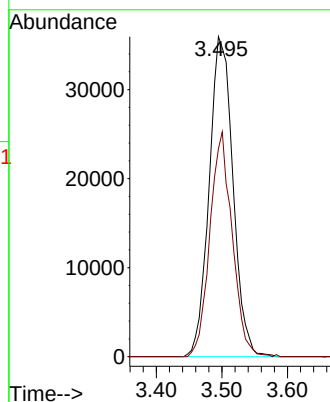
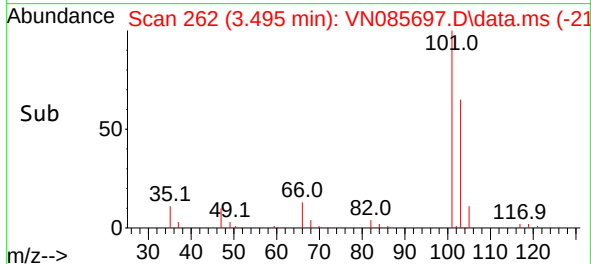
Instrument :
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Tgt Ion:101 Resp: 9079
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.2

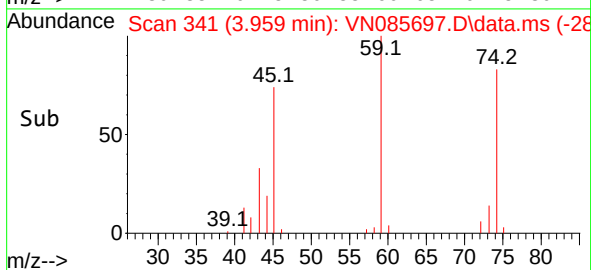
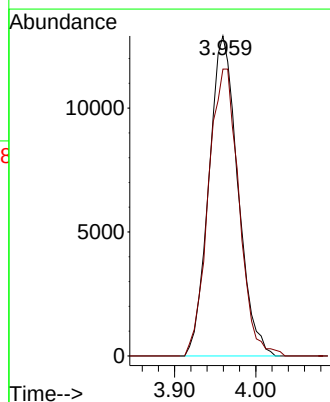
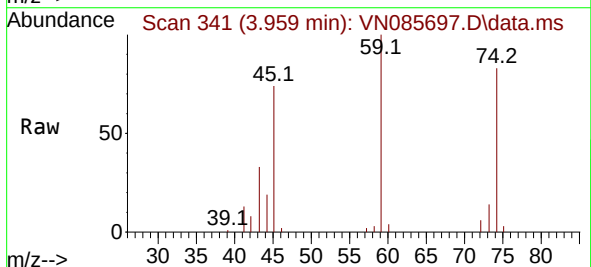
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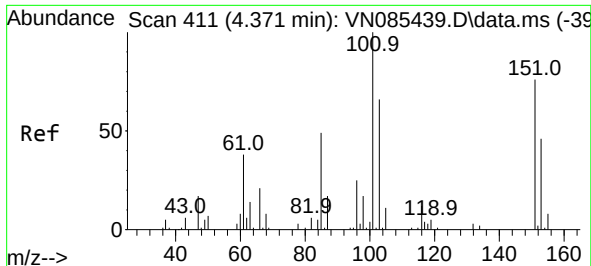
Reviewed By :John Carlone 02/10/2025
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#8
 Diethyl Ether
 Concen: 21.148 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 31983
 Ion Ratio Lower Upper
 74 100
 45 94.6 49.7 149.1





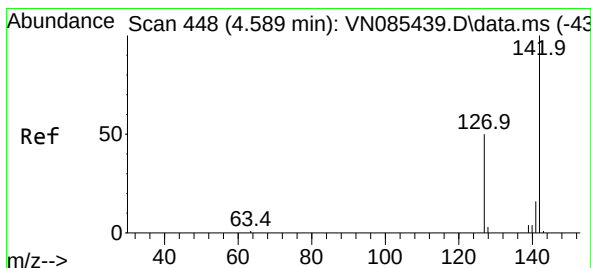
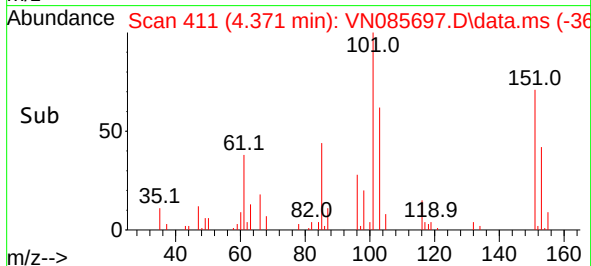
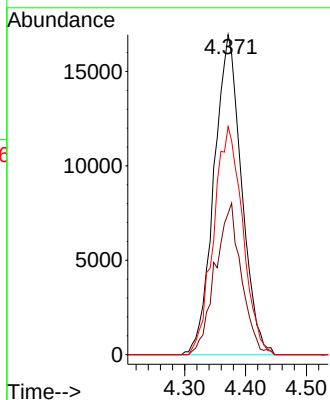
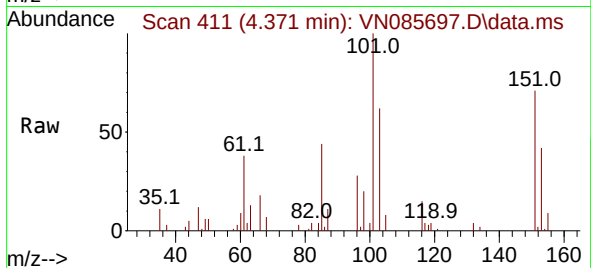
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.574 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01

Tgt Ion:101 Resp: 5319
Ion Ratio Lower Upper
101 100
85 45.2 37.8 56.8
151 75.3 58.8 88.2

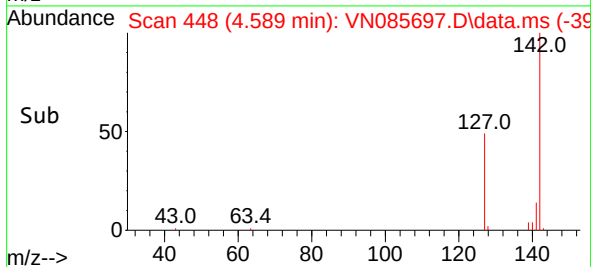
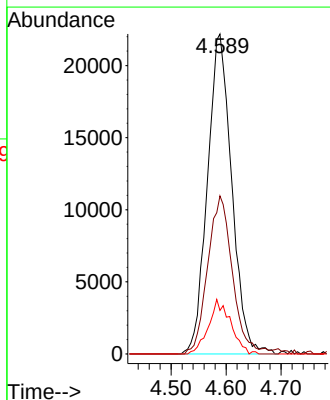
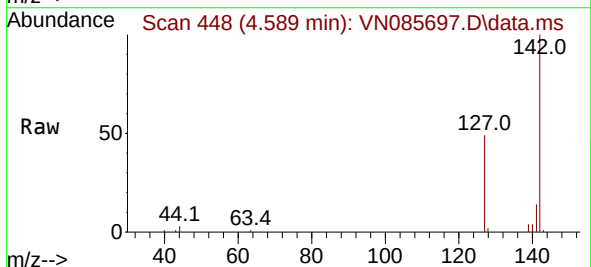
Manual Integrations
APPROVED

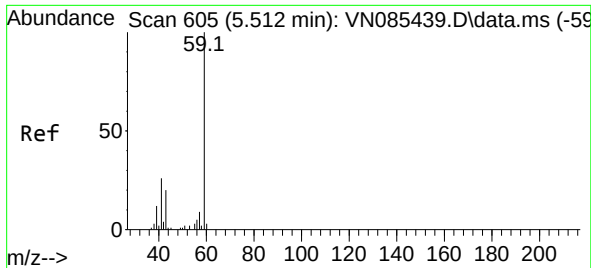
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#10
Methyl Iodide
Concen: 24.132 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

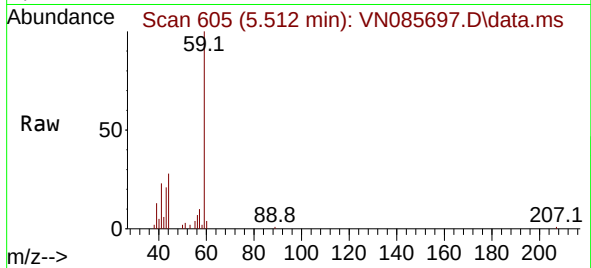
Tgt Ion:142 Resp: 68141
Ion Ratio Lower Upper
142 100
127 49.4 40.3 60.5
141 13.6 12.8 19.2





#11
Tert butyl alcohol
Concen: 123.624 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

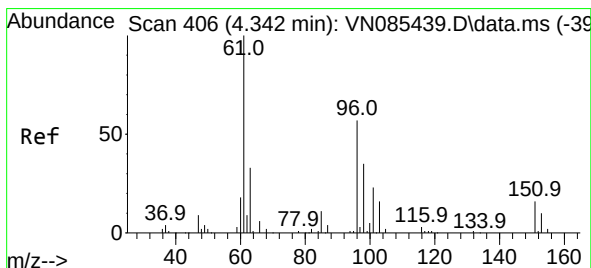
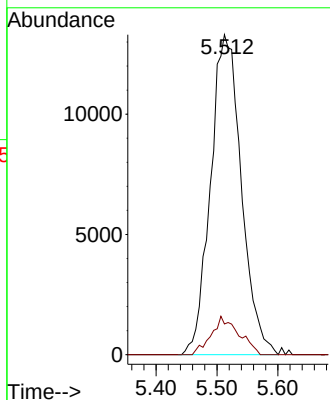
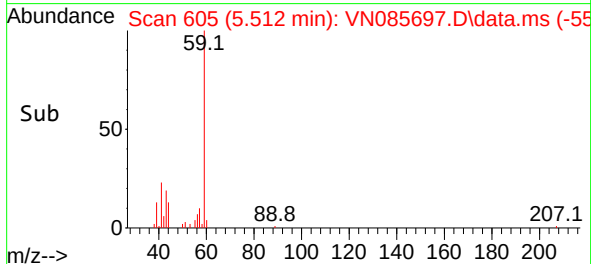
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01



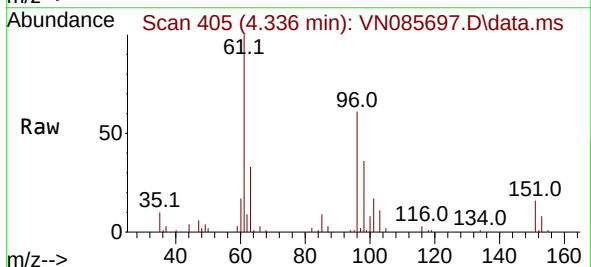
Tgt Ion: 59 Resp: 46788
Ion Ratio Lower Upper
59 100
57 10.7 8.6 13.0

Manual Integrations
APPROVED

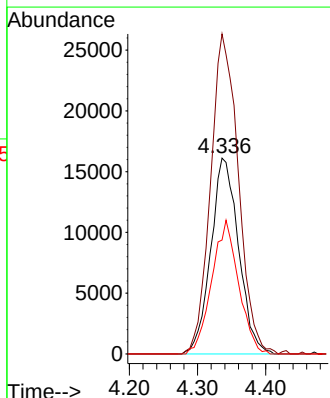
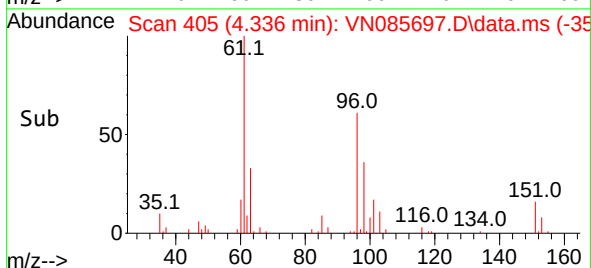
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

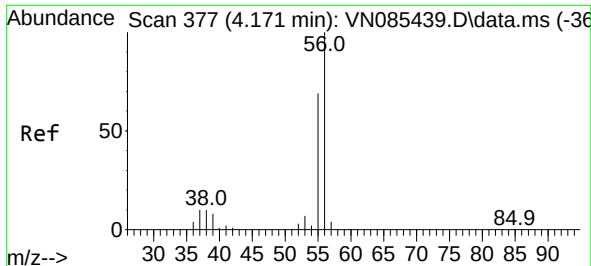


#12
1,1-Dichloroethene
Concen: 20.800 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29



Tgt Ion: 96 Resp: 45708
Ion Ratio Lower Upper
96 100
61 163.4 141.0 211.4
98 58.1 49.0 73.6





#13

Acrolein

Concen: 53.944 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN085697.D

Acq: 07 Feb 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN0207WBSD01

Tgt Ion: 56 Resp: 27870

Ion Ratio Lower Upper

56 100

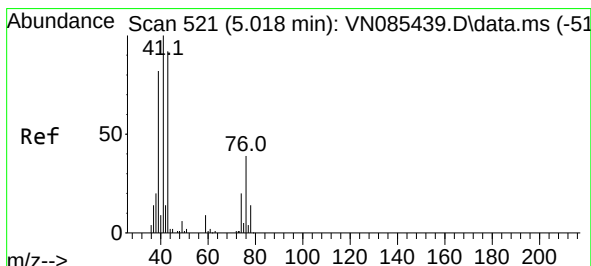
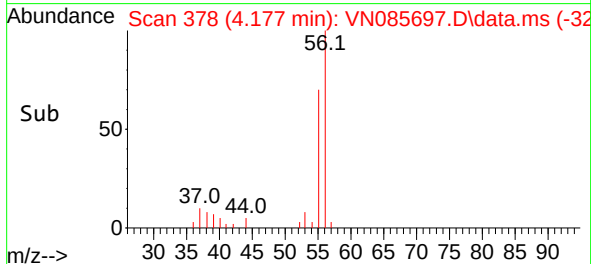
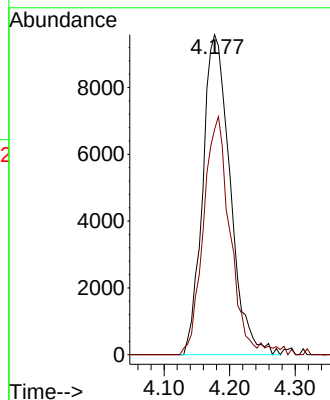
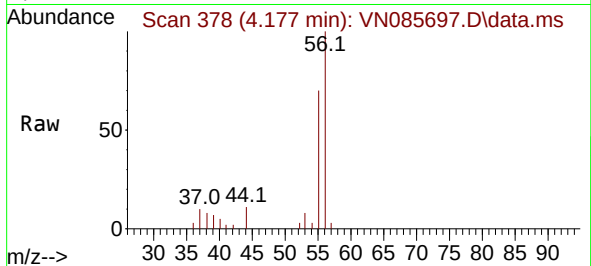
55 71.0 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#14

Allyl chloride

Concen: 18.020 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN085697.D

Acq: 07 Feb 2025 15:29

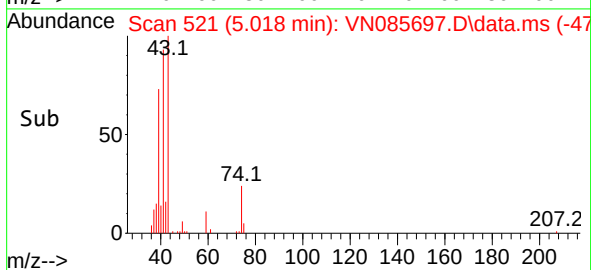
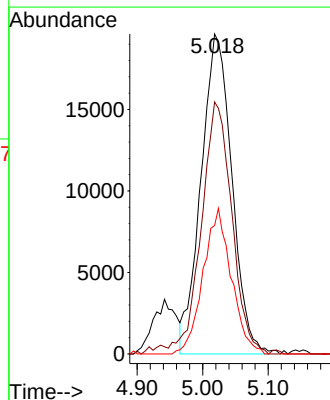
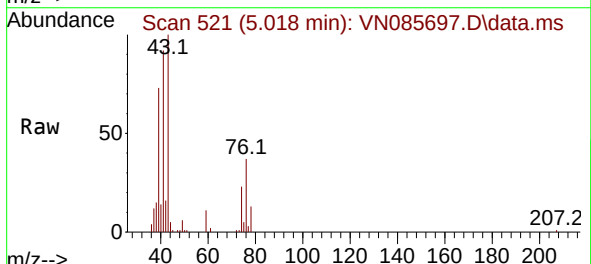
Tgt Ion: 41 Resp: 64257

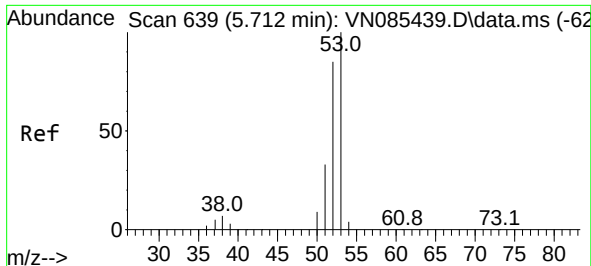
Ion Ratio Lower Upper

41 100

39 77.2 64.4 96.6

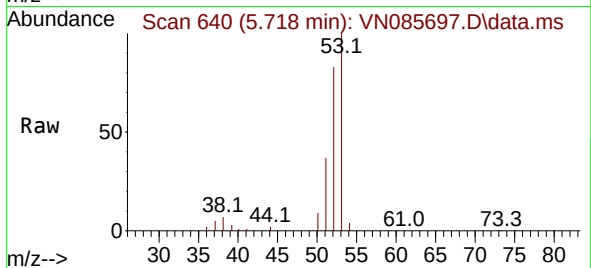
76 41.6 30.5 45.7





#15
Acrylonitrile
Concen: 118.395 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

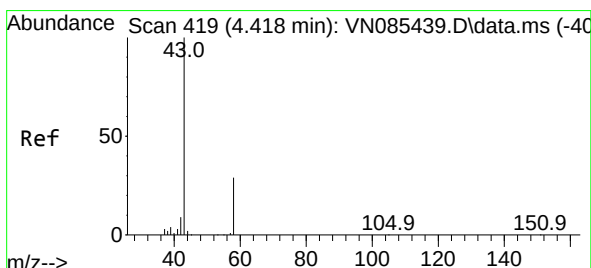
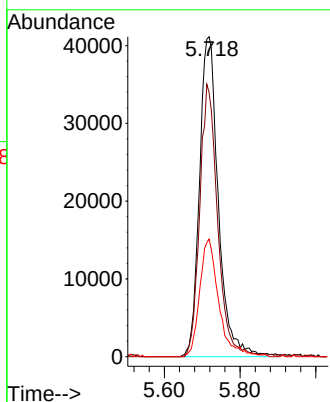
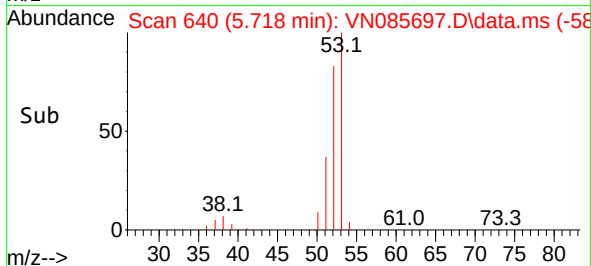
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01



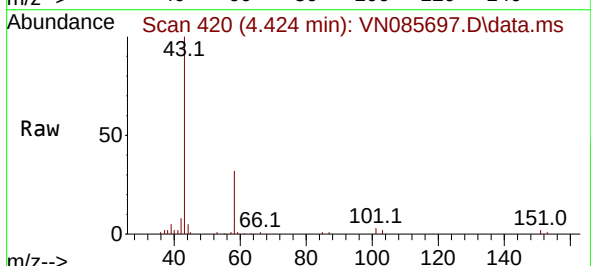
Tgt Ion: 53 Resp: 142328
Ion Ratio Lower Upper
53 100
52 80.5 65.5 98.3
51 37.3 29.8 44.8

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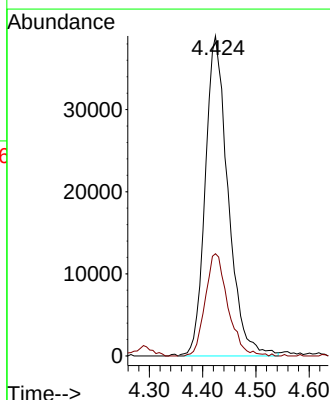
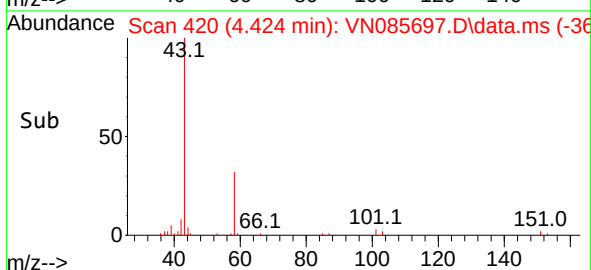
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

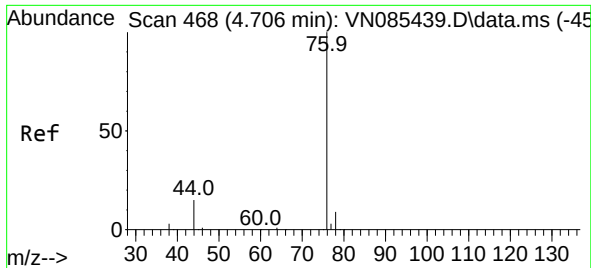


#16
Acetone
Concen: 108.570 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29



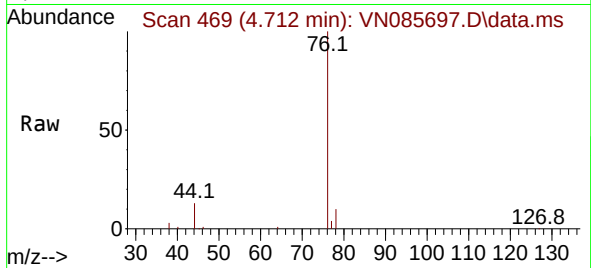
Tgt Ion: 43 Resp: 115947
Ion Ratio Lower Upper
43 100
58 31.9 23.8 35.6





#17
Carbon Disulfide
Concen: 20.959 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

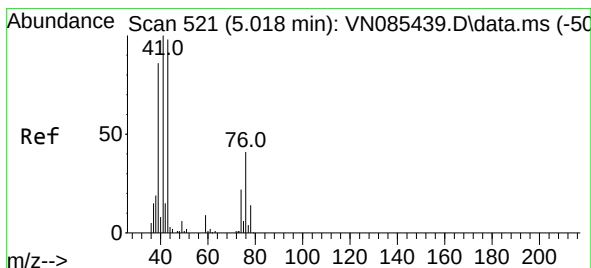
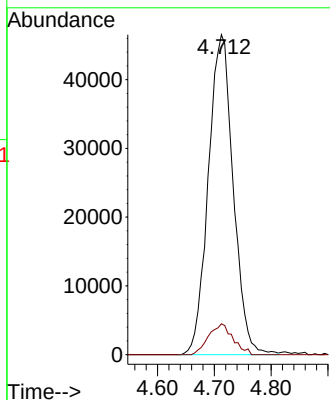
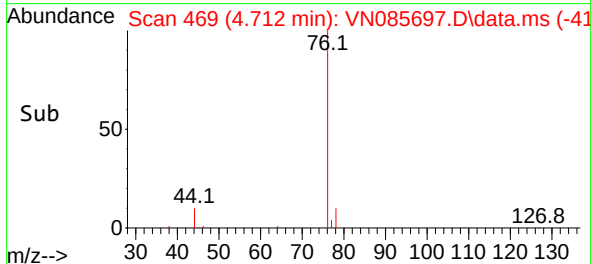
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01



Tgt Ion: 76 Resp: 141810
Ion Ratio Lower Upper
76 100
78 9.6 6.9 10.3

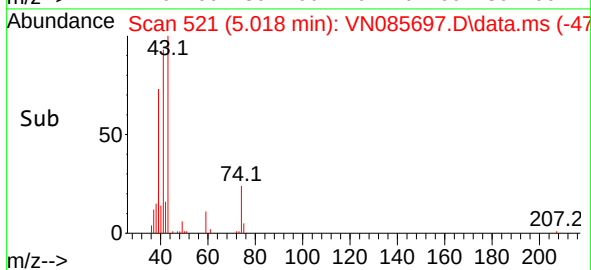
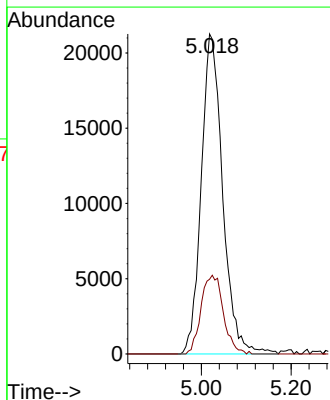
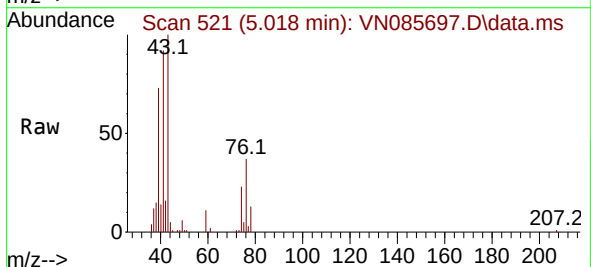
Manual Integrations
APPROVED

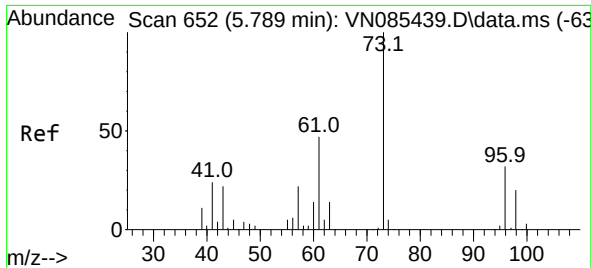
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#18
Methyl Acetate
Concen: 21.690 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

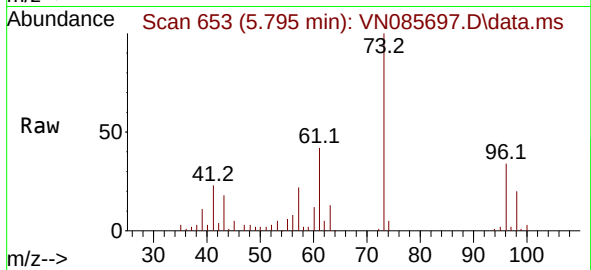
Tgt Ion: 43 Resp: 70438
Ion Ratio Lower Upper
43 100
74 25.6 18.6 28.0





#19
Methyl tert-butyl Ether
Concen: 22.894 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

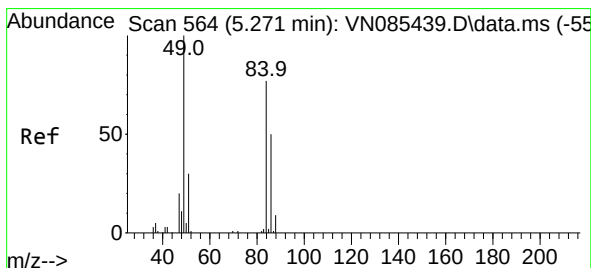
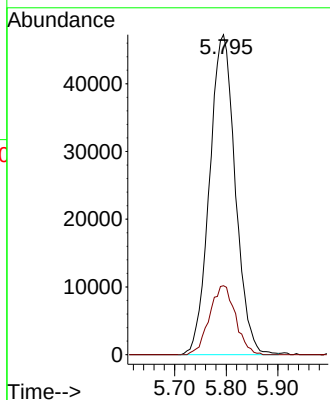
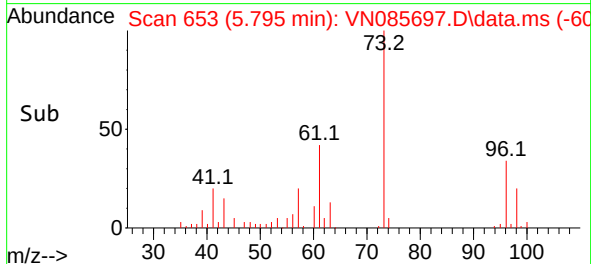
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01



Tgt Ion: 73 Resp: 16336
Ion Ratio Lower Upper
73 100
57 21.5 17.8 26.8

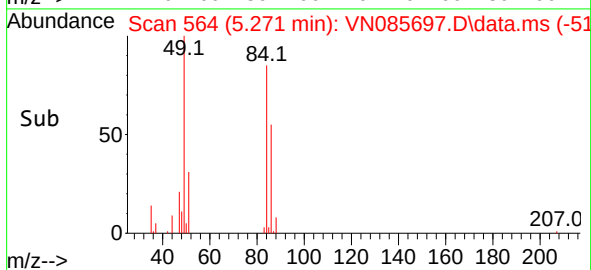
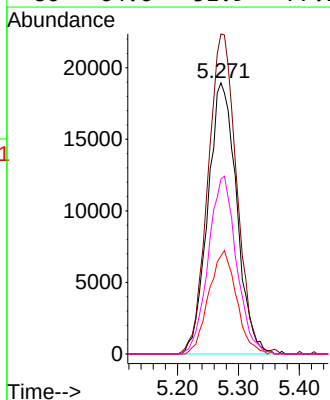
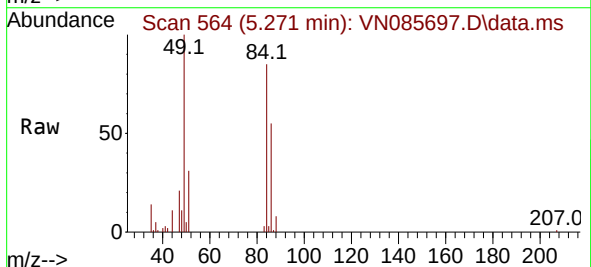
Manual Integrations
APPROVED

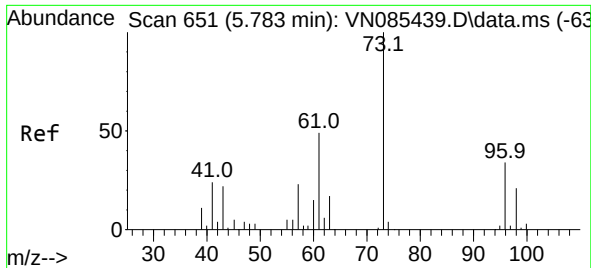
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#20
Methylene Chloride
Concen: 23.475 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

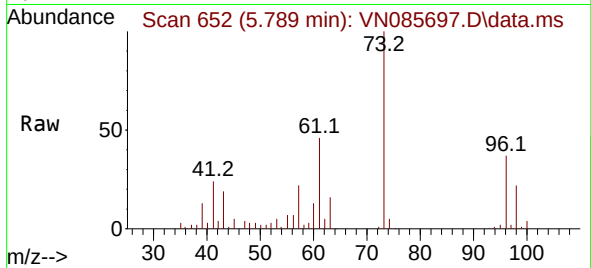
Tgt Ion: 84 Resp: 62064
Ion Ratio Lower Upper
84 100
49 118.1 104.1 156.1
51 36.2 31.0 46.4
86 64.6 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 21.993 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

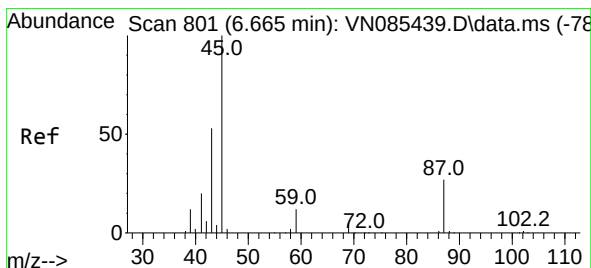
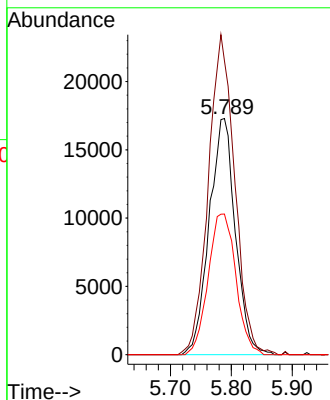
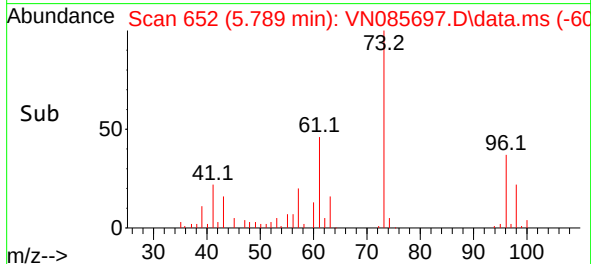
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01



Tgt Ion: 96 Resp: 5165
Ion Ratio Lower Upper
96 100
61 124.5 115.7 173.5
98 59.5 49.8 74.8

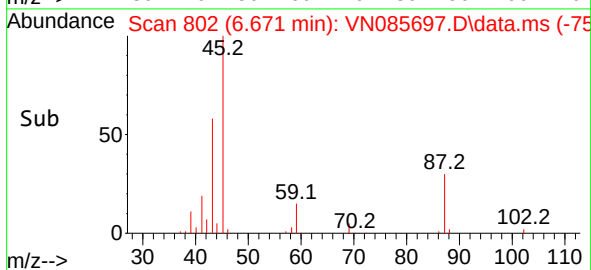
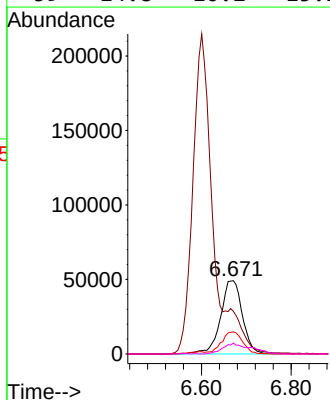
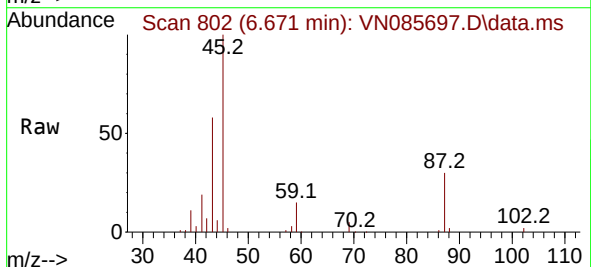
Manual Integrations
APPROVED

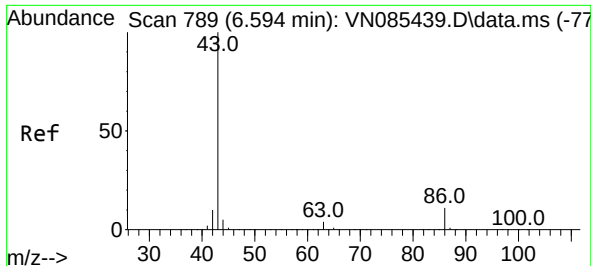
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#22
Diisopropyl ether
Concen: 21.024 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

Tgt Ion: 45 Resp: 166401
Ion Ratio Lower Upper
45 100
43 56.5 45.0 67.6
87 30.1 21.8 32.8
59 14.8 10.2 15.2





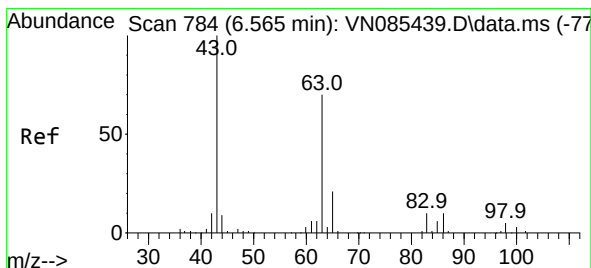
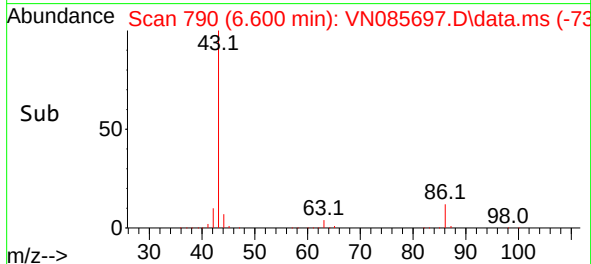
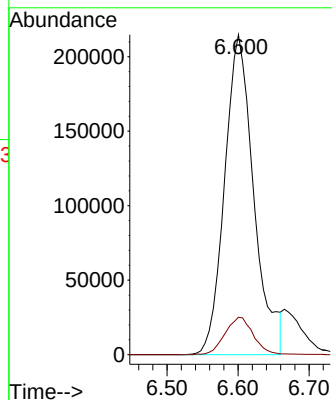
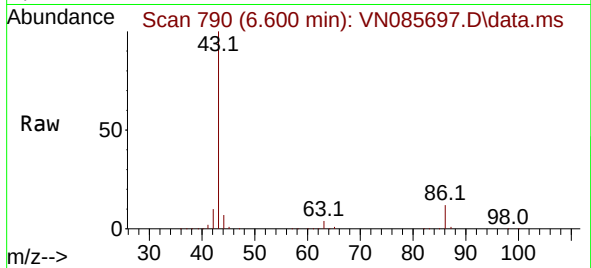
#23
 Vinyl Acetate
 Concen: 110.504 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085697.D
 Acq: 07 Feb 2025 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0207WBSD01

Tgt Ion: 43 Resp: 61207
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.4 12.6

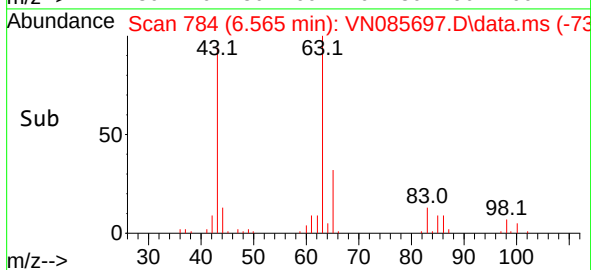
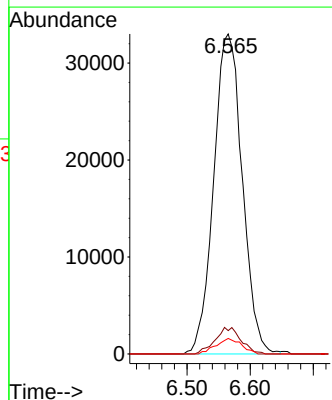
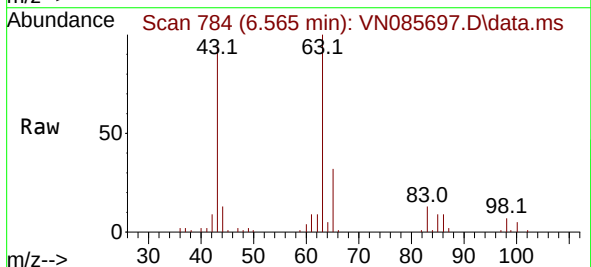
Manual Integrations
 APPROVED

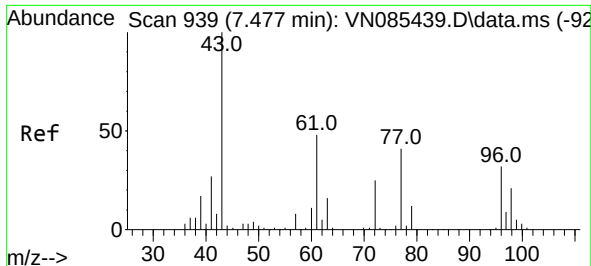
Reviewed By :John Carlone 02/10/2025
 Supervised By :Mahesh Dadoda 02/10/2025



#24
 1,1-Dichloroethane
 Concen: 21.499 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085697.D
 Acq: 07 Feb 2025 15:29

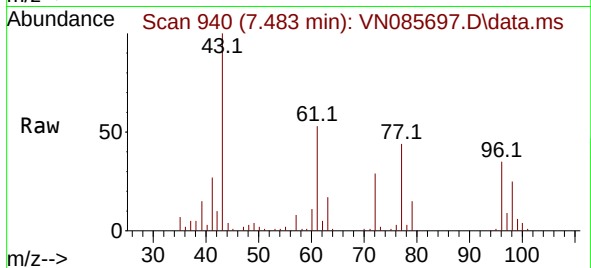
Tgt Ion: 63 Resp: 103755
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.8
 100 4.8 2.0 6.0





#25
2-Butanone
Concen: 109.557 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

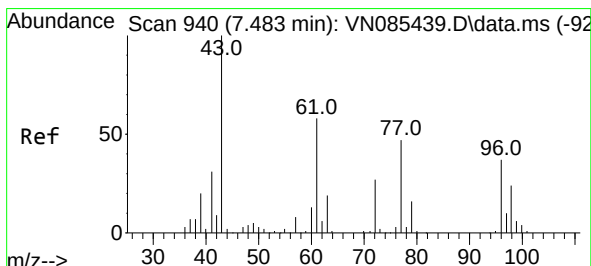
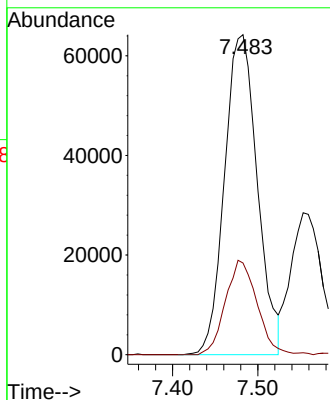
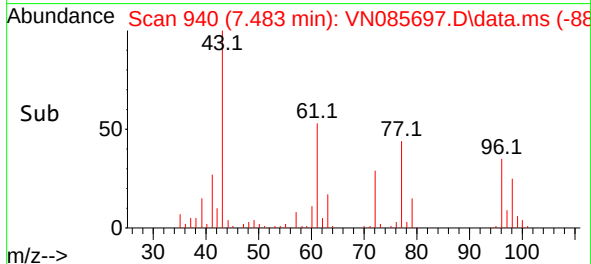
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01



Tgt Ion: 43 Resp: 172178
Ion Ratio Lower Upper
43 100
72 28.7 20.2 30.4

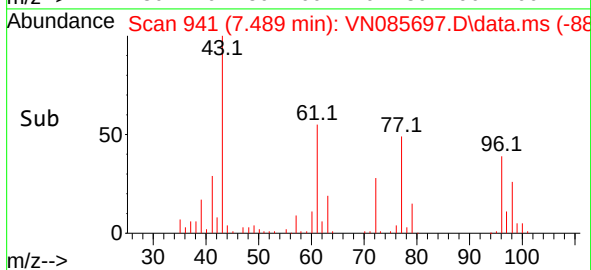
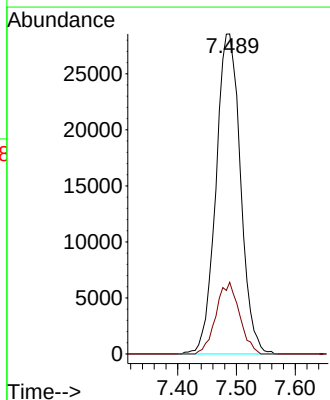
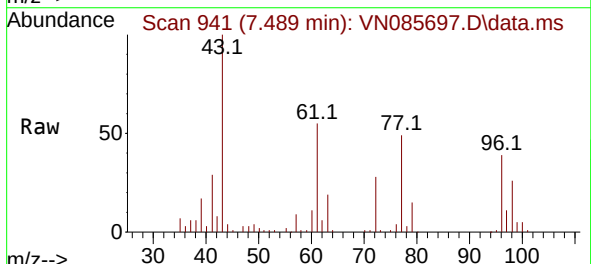
Manual Integrations
APPROVED

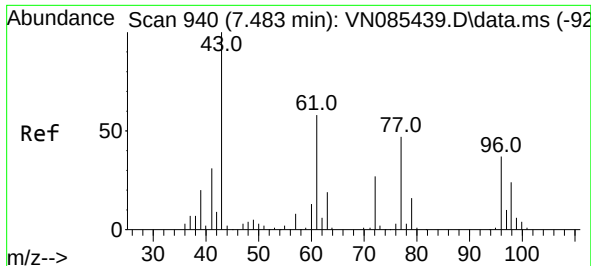
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#26
2,2-Dichloropropane
Concen: 21.190 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

Tgt Ion: 77 Resp: 82678
Ion Ratio Lower Upper
77 100
97 21.4 10.7 32.1





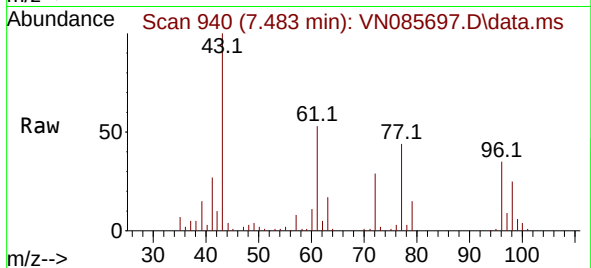
#27
 cis-1,2-Dichloroethene
 Concen: 22.268 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085697.D
 Acq: 07 Feb 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN0207WBSD01



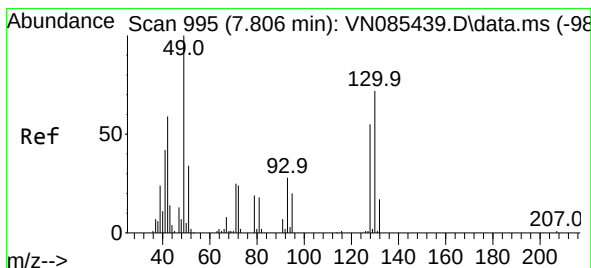
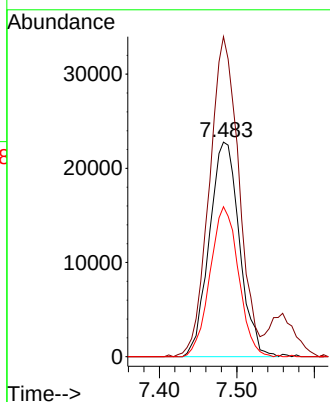
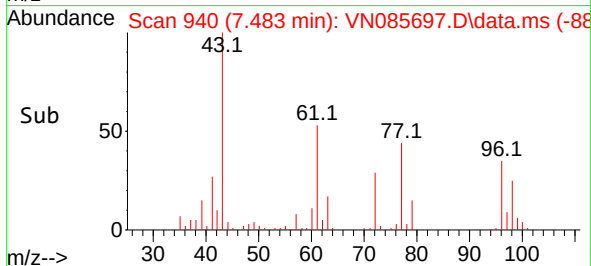
Tgt Ion: 96 Resp: 61590
 Ion Ratio Lower Upper
 96 100
 61 146.1 0.0 311.8
 98 66.1 0.0 126.0

Manual Integrations

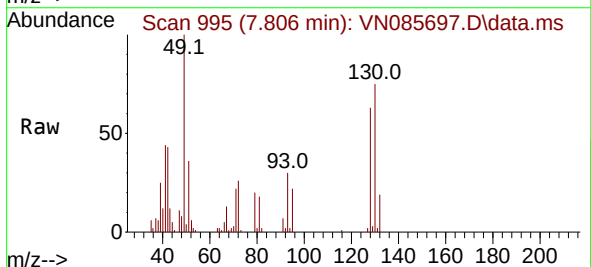
APPROVED

Reviewed By :John Carlone 02/10/2025

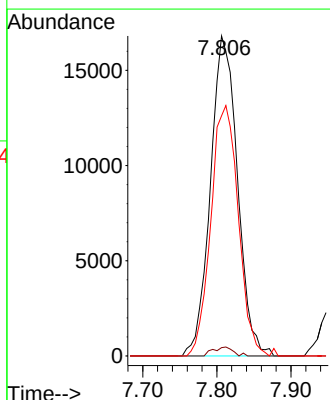
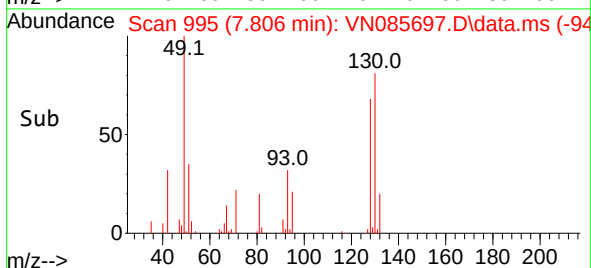
Supervised By :Mahesh Dadoda 02/10/2025

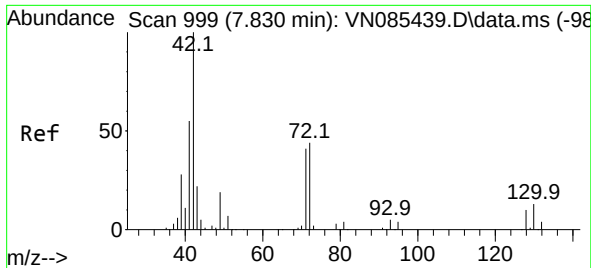


#28
 Bromochloromethane
 Concen: 18.996 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN085697.D
 Acq: 07 Feb 2025 15:29



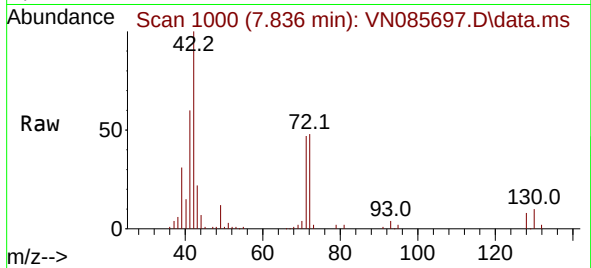
Tgt Ion: 49 Resp: 42652
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.4
 130 79.2 55.0 82.4





#29
Tetrahydrofuran
Concen: 113.724 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

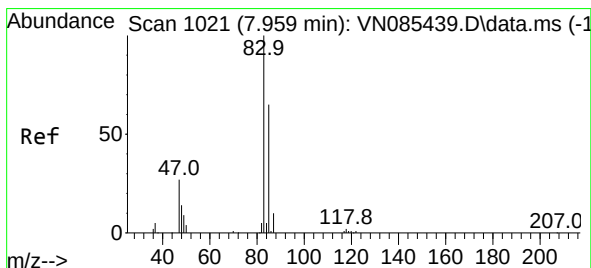
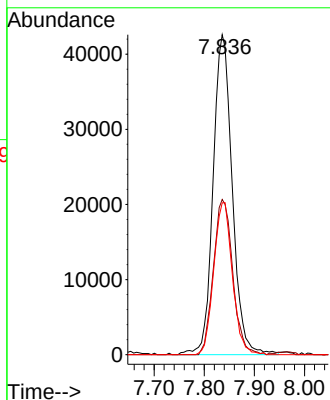
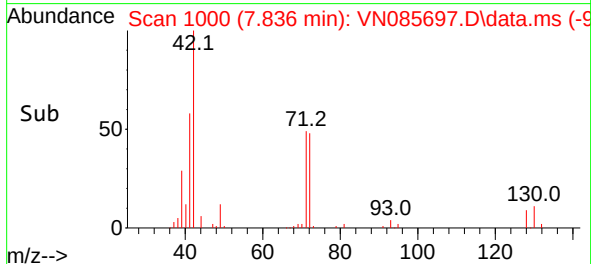
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01



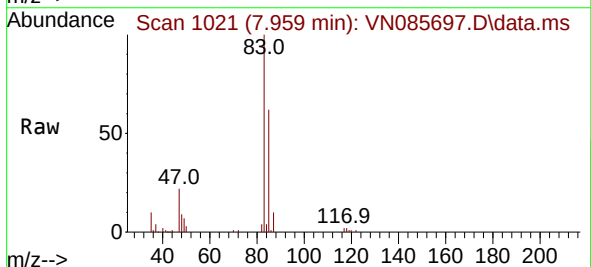
Tgt Ion: 42 Resp: 11331
Ion Ratio Lower Upper
42 100
72 48.9 34.2 51.2
71 46.2 32.5 48.7

Manual Integrations
APPROVED

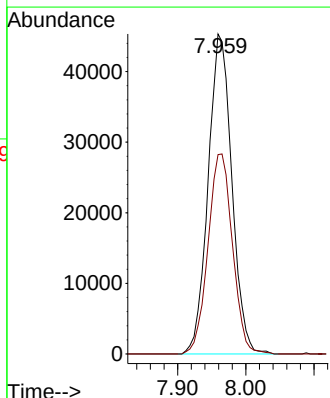
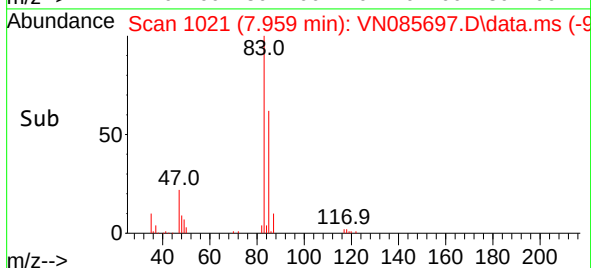
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

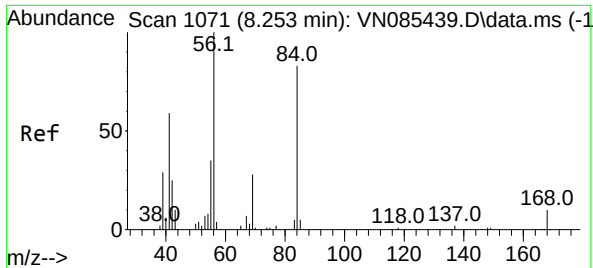


#30
Chloroform
Concen: 21.988 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29



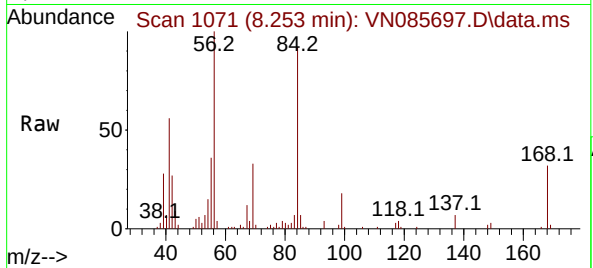
Tgt Ion: 83 Resp: 109674
Ion Ratio Lower Upper
83 100
85 62.3 51.8 77.6





#31
Cyclohexane
Concen: 17.723 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

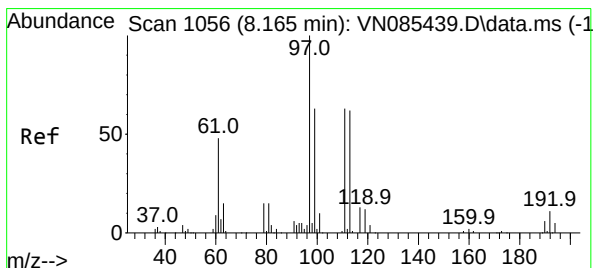
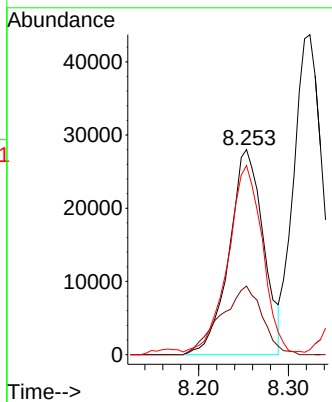
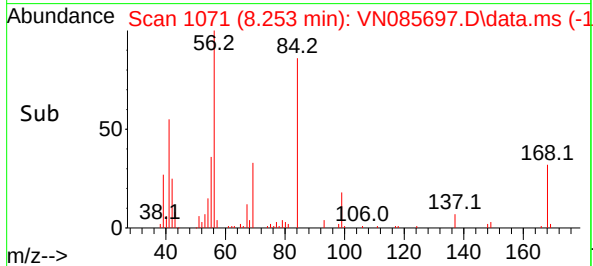
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01



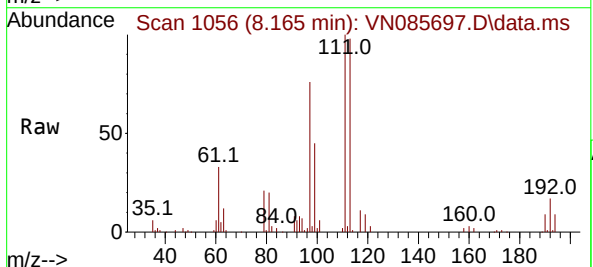
Tgt Ion: 56 Resp: 7434
Ion Ratio Lower Upper
56 100
69 33.5 22.2 33.4
84 89.8 66.4 99.6

Manual Integrations
APPROVED

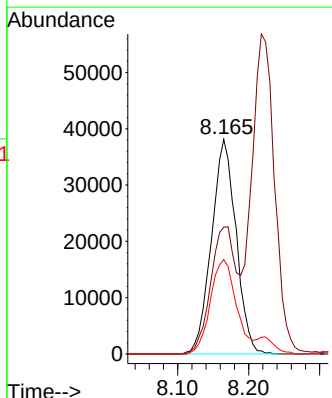
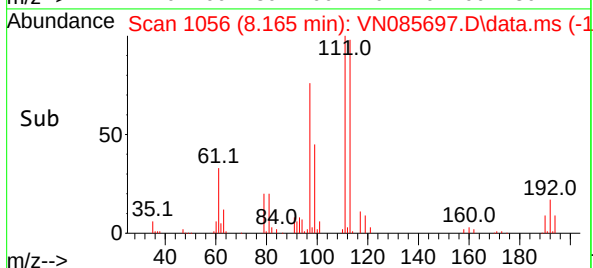
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

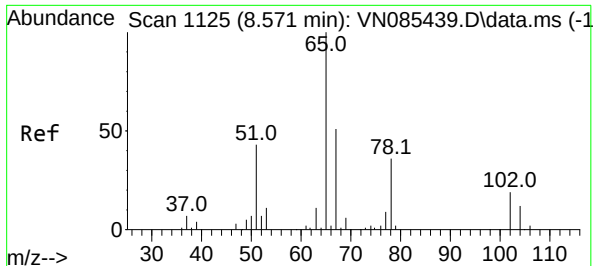


#32
1,1,1-Trichloroethane
Concen: 20.900 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29



Tgt Ion: 97 Resp: 91442
Ion Ratio Lower Upper
97 100
99 62.7 49.8 74.6
61 46.6 41.4 62.2





#33

1,2-Dichloroethane-d4

Concen: 45.758 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085697.D

Acq: 07 Feb 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN0207WBSD01

Tgt Ion: 65 Resp: 151240

Ion Ratio Lower Upper

65 100

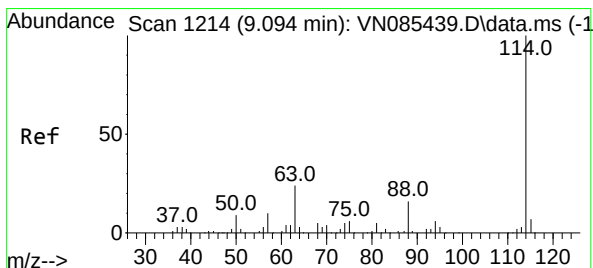
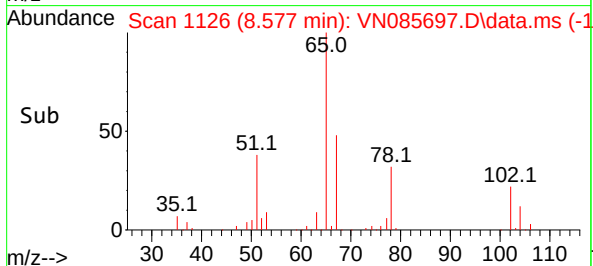
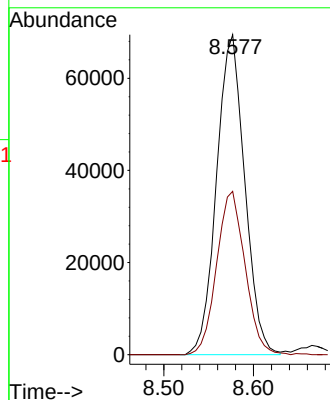
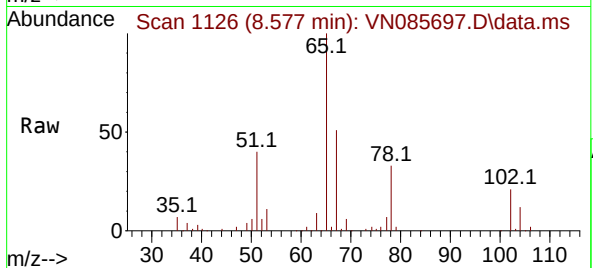
67 51.5 0.0 101.6

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: VN085697.D

Acq: 07 Feb 2025 15:29

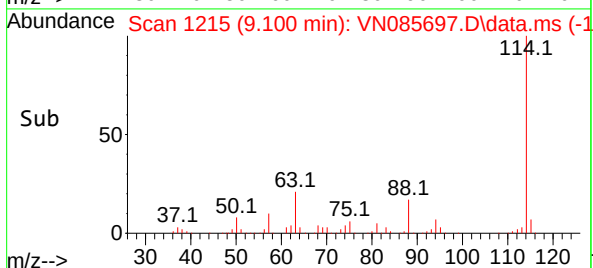
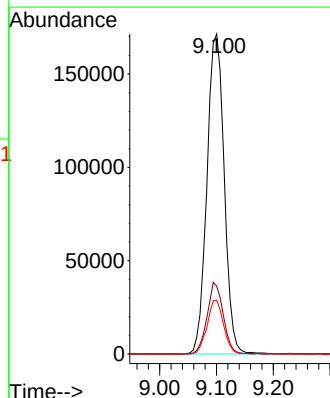
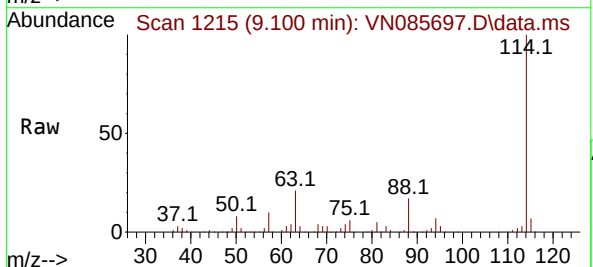
Tgt Ion:114 Resp: 361058

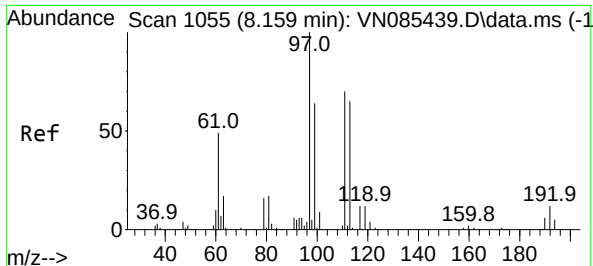
Ion Ratio Lower Upper

114 100

63 21.1 0.0 47.6

88 16.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.199 ug/l

RT: 8.165 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN085697.D

Acq: 07 Feb 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN0207WBSD01

Tgt Ion: 113 Resp: 118220

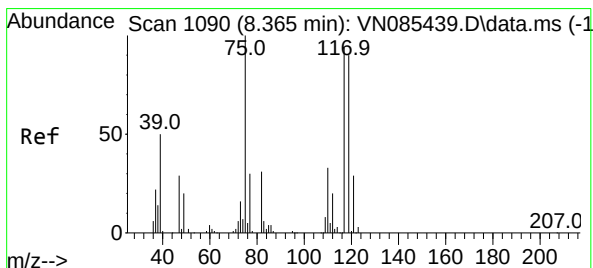
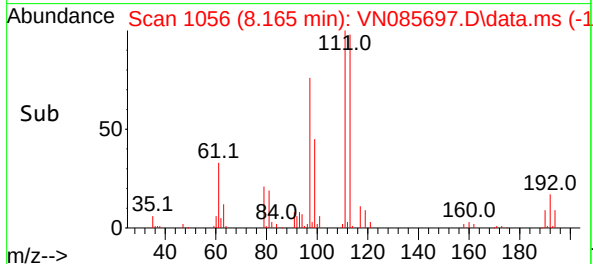
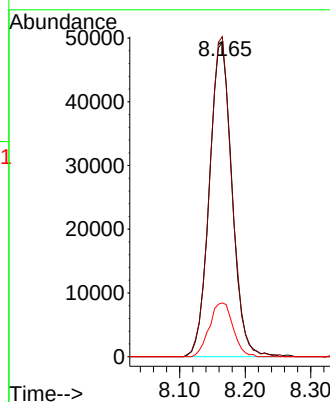
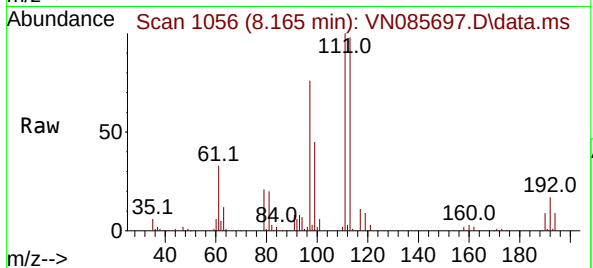
Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.7	124.1
192	17.9	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#36

1,1-Dichloropropene

Concen: 19.434 ug/l

RT: 8.365 min Scan# 1090

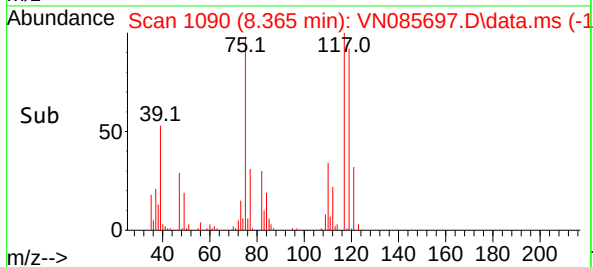
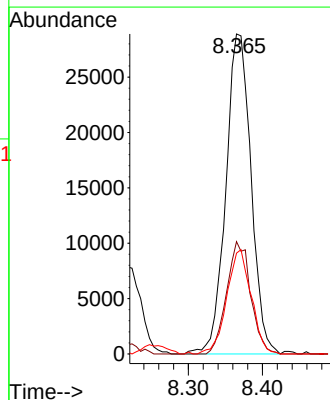
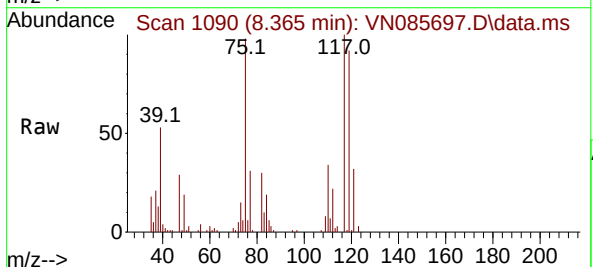
Delta R.T. 0.000 min

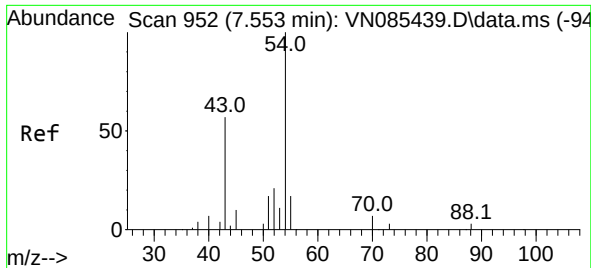
Lab File: VN085697.D

Acq: 07 Feb 2025 15:29

Tgt Ion: 75 Resp: 68320

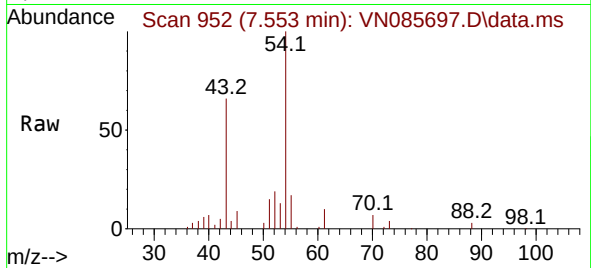
Ion	Ratio	Lower	Upper
75	100		
110	33.4	16.5	49.5
77	31.6	24.4	36.6





#37
Ethyl Acetate
Concen: 21.062 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

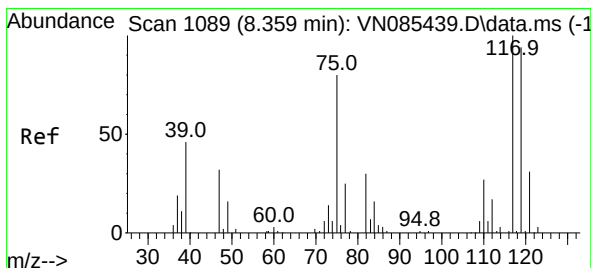
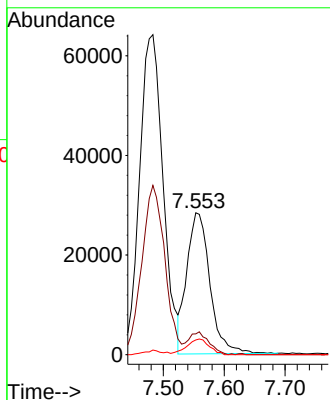
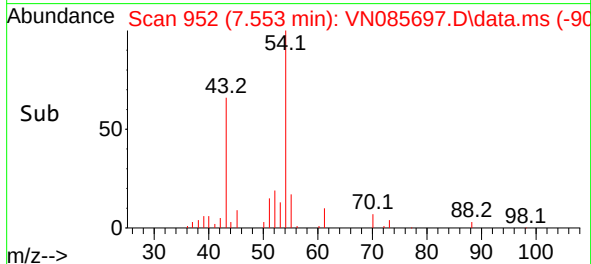
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01



Tgt Ion: 43 Resp: 74738
Ion Ratio Lower Upper
43 100
61 14.5 10.9 16.3
70 10.7 7.5 11.3

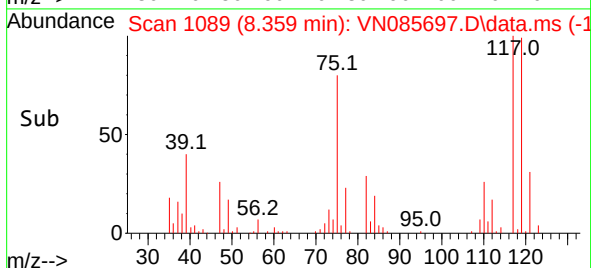
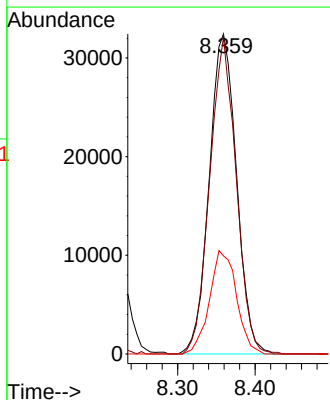
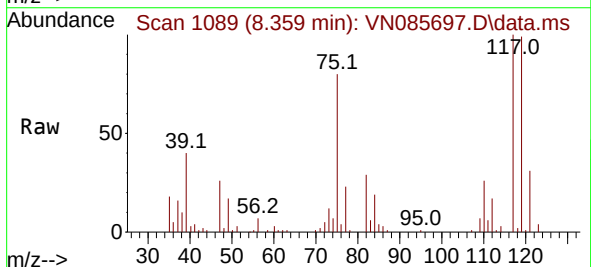
Manual Integrations
APPROVED

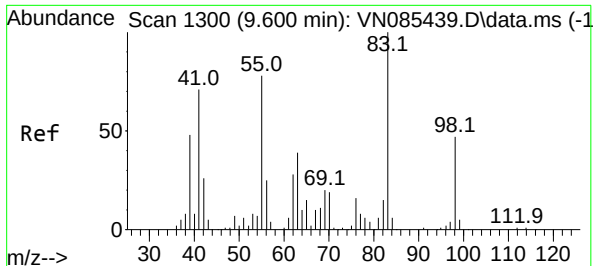
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#38
Carbon Tetrachloride
Concen: 19.719 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

Tgt Ion:117 Resp: 79362
Ion Ratio Lower Upper
117 100
119 99.1 75.4 113.2
121 30.6 24.6 37.0





#39

Methylcyclohexane

Concen: 18.464 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN085697.D

Acq: 07 Feb 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN0207WBSD01

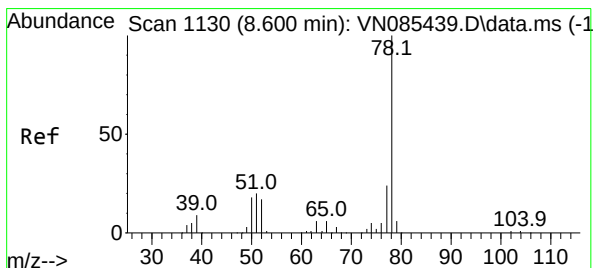
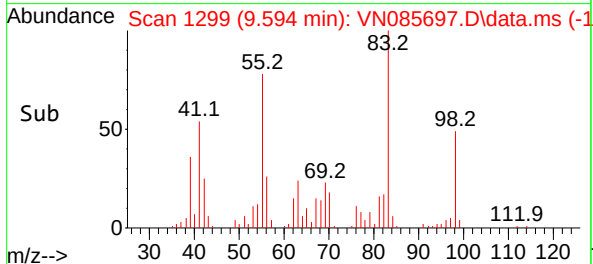
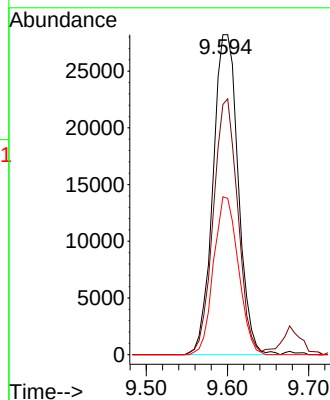
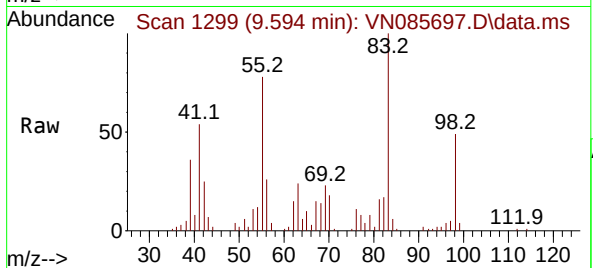
Tgt Ion: 83	Resp: 6099
Ion Ratio	Lower Upper
83 100	
55 78.2	62.6 94.0
98 49.4	37.7 56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#40

Benzene

Concen: 21.754 ug/l

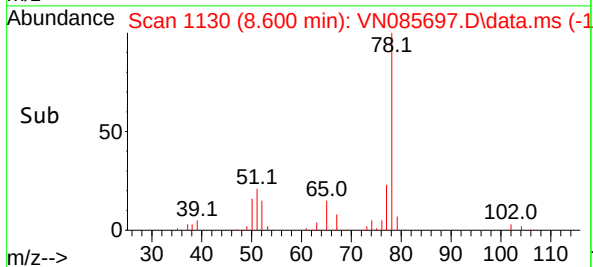
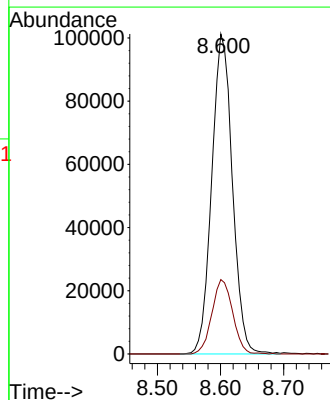
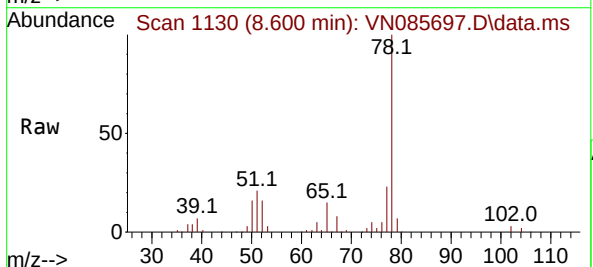
RT: 8.600 min Scan# 1130

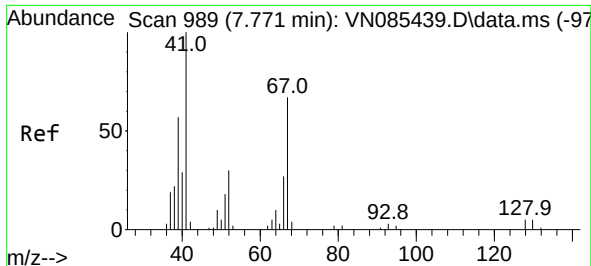
Delta R.T. 0.000 min

Lab File: VN085697.D

Acq: 07 Feb 2025 15:29

Tgt Ion: 78	Resp: 229785
Ion Ratio	Lower Upper
78 100	
77 23.3	19.0 28.6





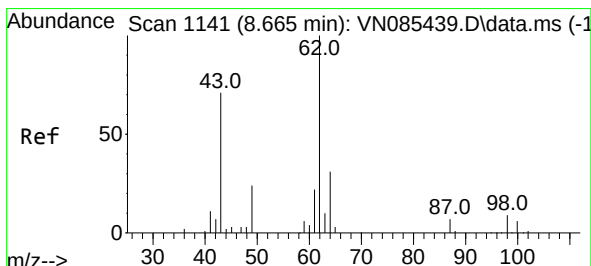
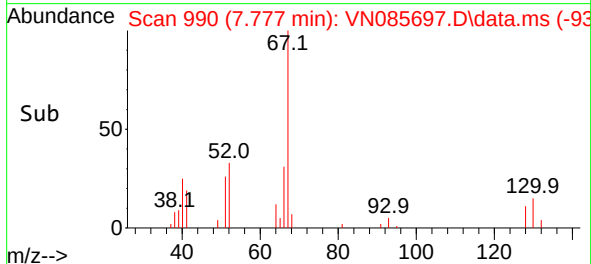
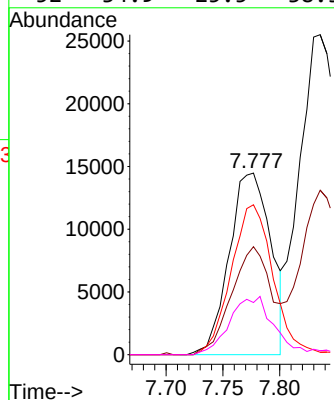
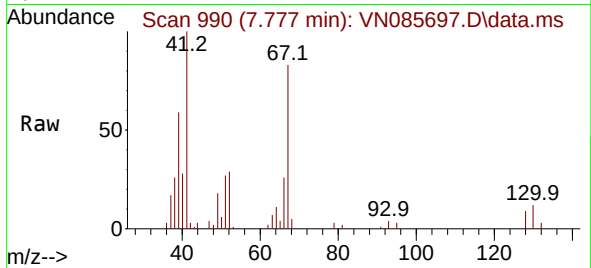
#41
Methacrylonitrile
Concen: 20.023 ug/l
RT: 7.777 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01

Tgt Ion: 41	Resp: 3696
Ion Ratio	Lower Upper
41 100	
39 56.5	46.0 69.0
67 83.2	57.4 86.2
52 34.9	25.5 38.3

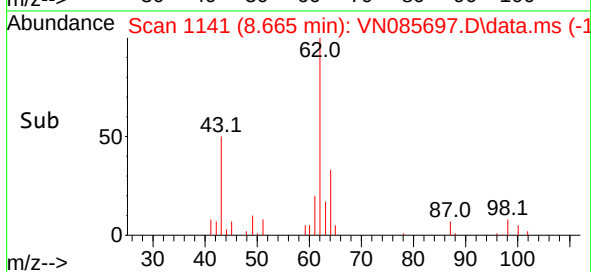
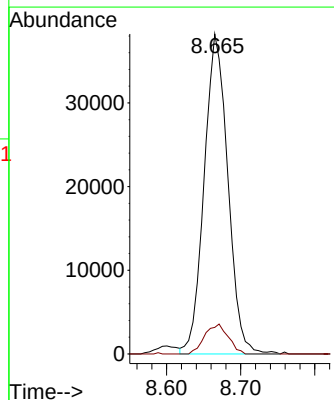
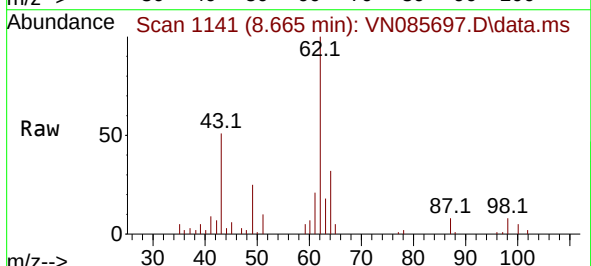
Manual Integrations
APPROVED

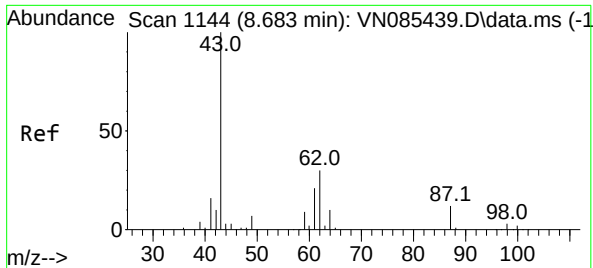
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#42
1,2-Dichloroethane
Concen: 21.358 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

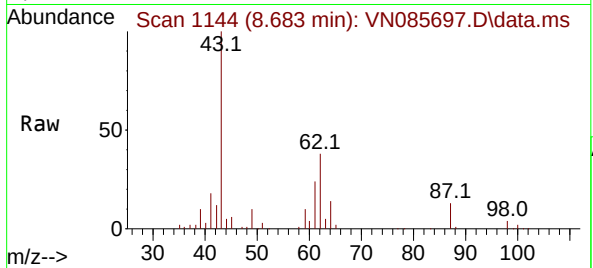
Tgt Ion: 62	Resp: 84969
Ion Ratio	Lower Upper
62 100	
98 9.2	0.0 17.0





#43
Isopropyl Acetate
Concen: 21.771 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

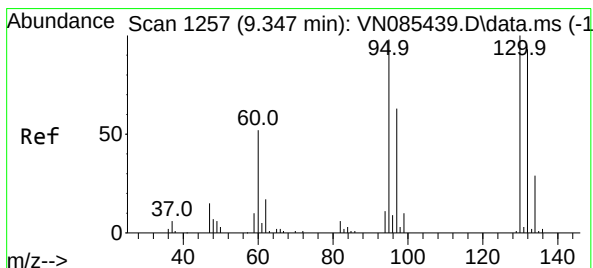
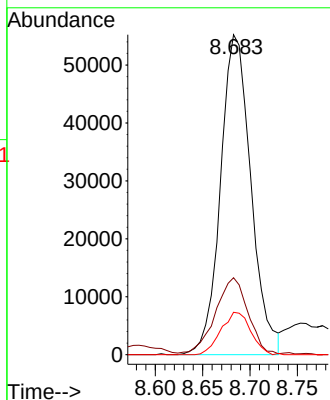
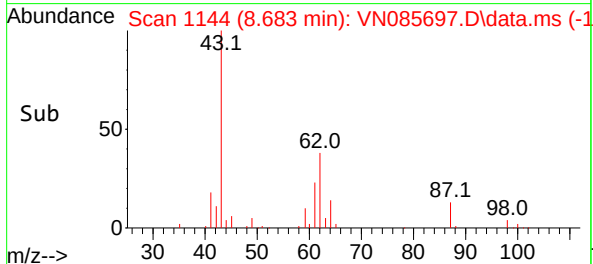
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01



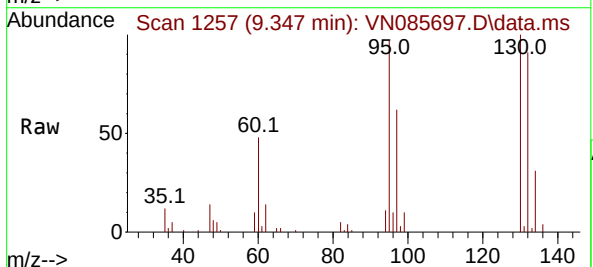
Tgt Ion: 43 Resp: 12378
Ion Ratio Lower Upper
43 100
61 24.9 20.7 31.1
87 13.0 9.8 14.8

Manual Integrations
APPROVED

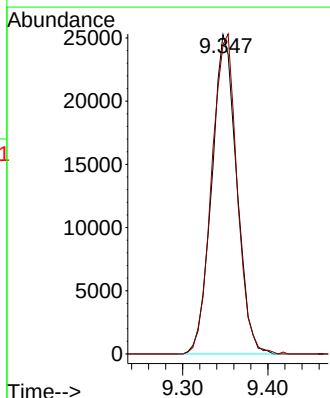
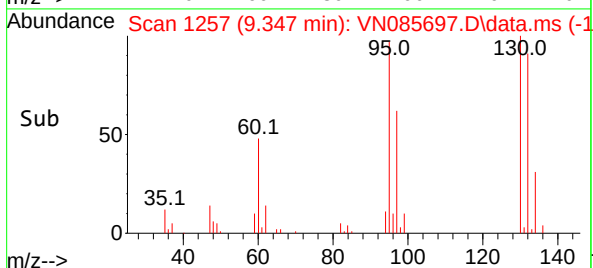
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

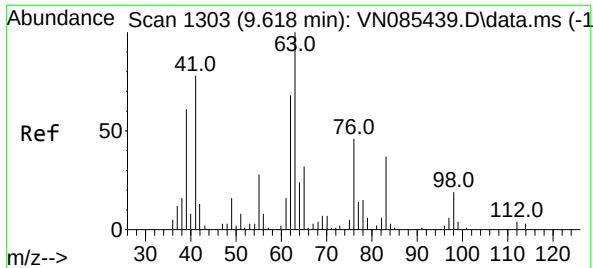


#44
Trichloroethene
Concen: 20.870 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29



Tgt Ion:130 Resp: 51316
Ion Ratio Lower Upper
130 100
95 96.9 0.0 195.8





#45

1,2-Dichloropropane

Concen: 21.036 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085697.D

Acq: 07 Feb 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN0207WBSD01

Tgt Ion: 63 Resp: 56750

Ion Ratio Lower Upper

63 100

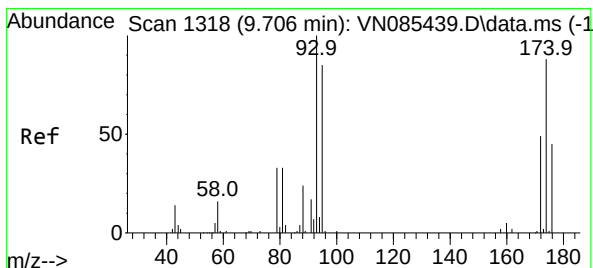
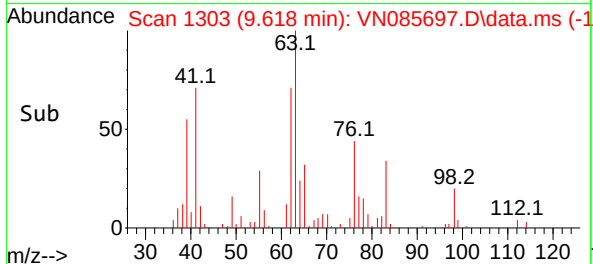
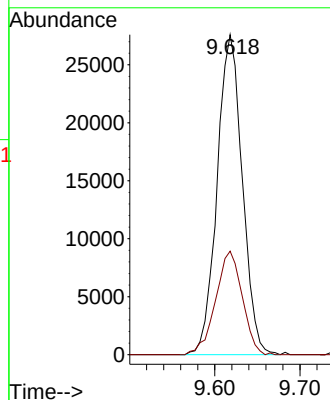
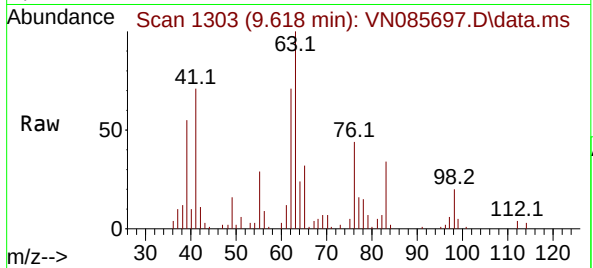
65 32.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#46

Dibromomethane

Concen: 22.342 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085697.D

Acq: 07 Feb 2025 15:29

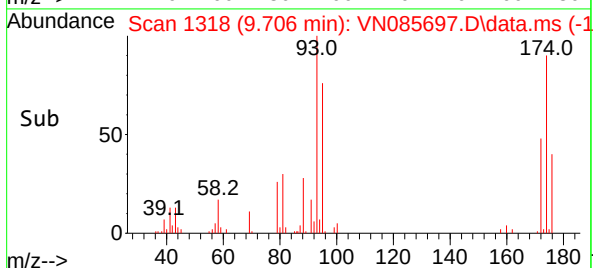
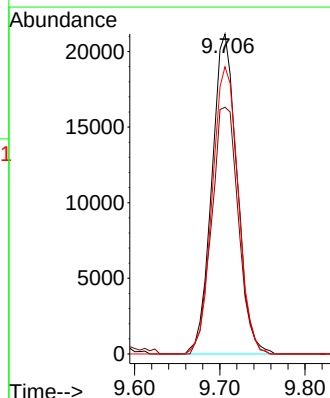
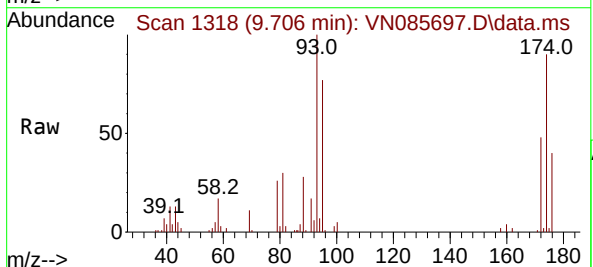
Tgt Ion: 93 Resp: 43495

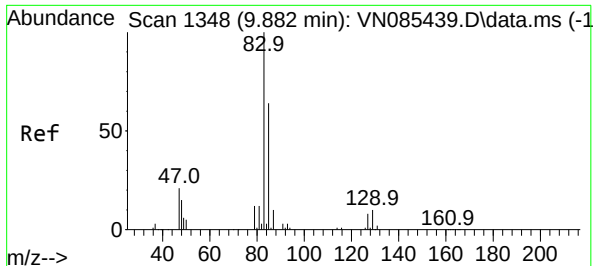
Ion Ratio Lower Upper

93 100

95 81.7 64.7 97.1

174 92.2 69.0 103.4





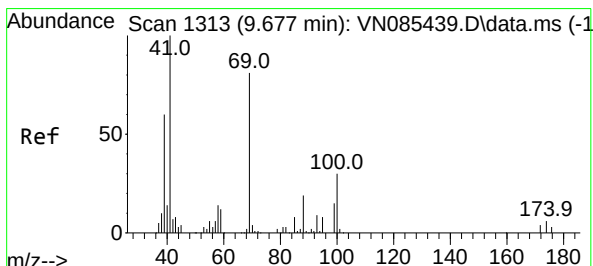
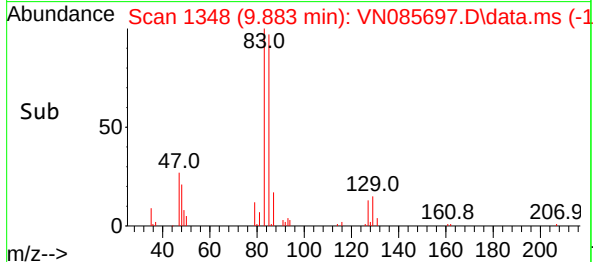
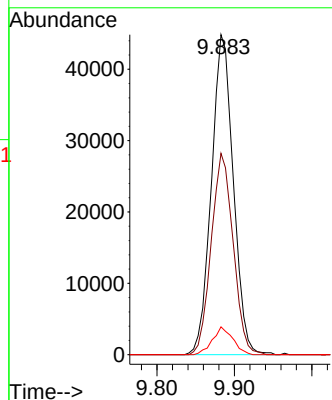
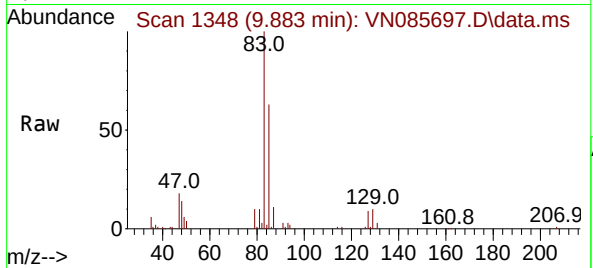
#47
Bromodichloromethane
Concen: 22.202 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.001 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01

Tgt Ion: 83 Resp: 88058
Ion Ratio Lower Upper
83 100
85 62.9 51.2 76.8
127 8.7 6.5 9.7

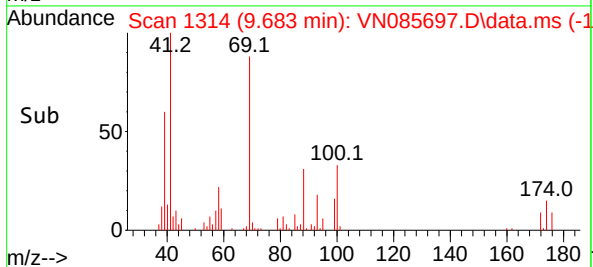
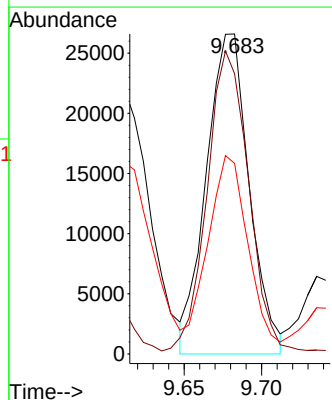
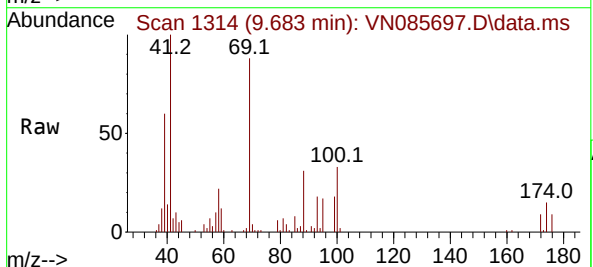
Manual Integrations
APPROVED

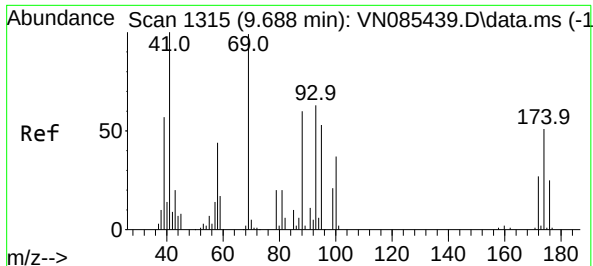
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#48
Methyl methacrylate
Concen: 20.018 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

Tgt Ion: 41 Resp: 51222
Ion Ratio Lower Upper
41 100
69 93.4 64.7 97.1
39 59.5 49.0 73.6





#49

1,4-Dioxane

Concen: 502.105 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085697.D

Acq: 07 Feb 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN0207WBSD01

Tgt Ion: 88 Resp: 2163

Ion Ratio Lower Upper

88 100

43 27.2 26.6 39.8

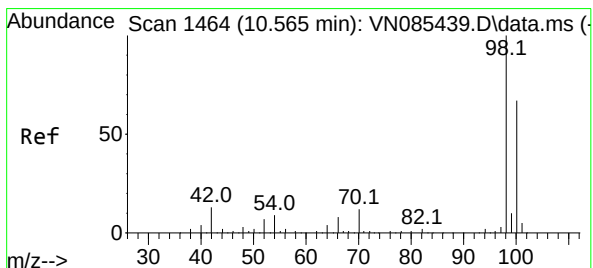
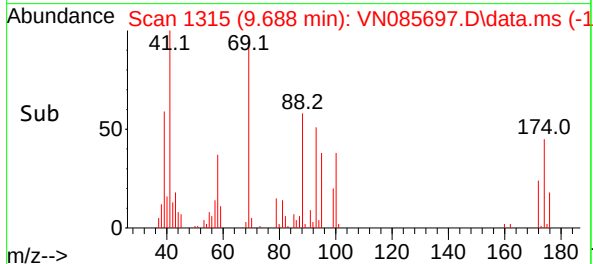
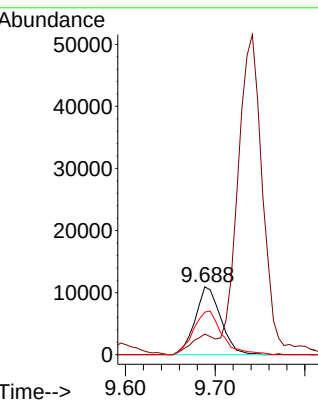
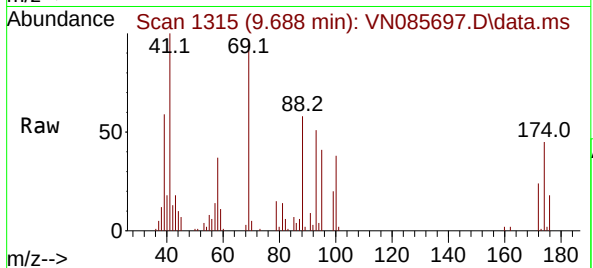
58 72.6 59.5 89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#50

Toluene-d8

Concen: 44.457 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085697.D

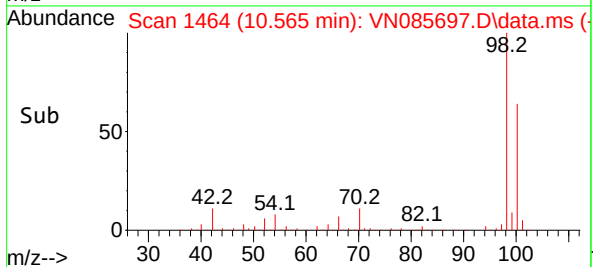
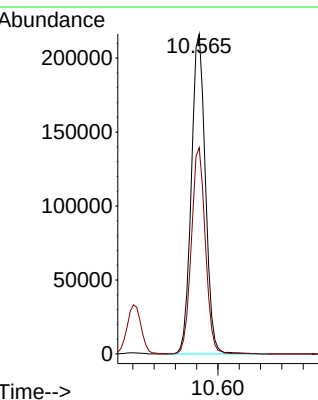
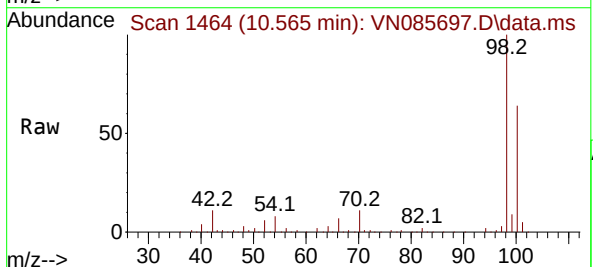
Acq: 07 Feb 2025 15:29

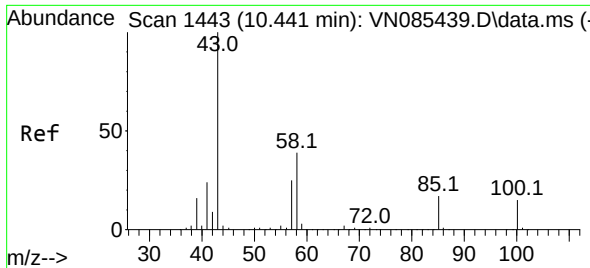
Tgt Ion: 98 Resp: 395655

Ion Ratio Lower Upper

98 100

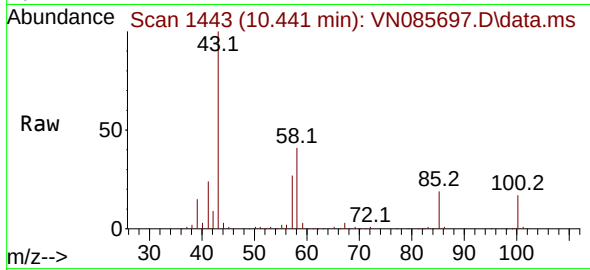
100 64.4 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 110.078 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

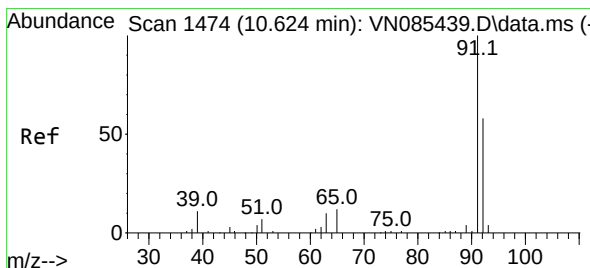
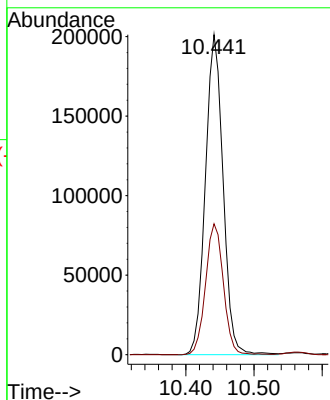
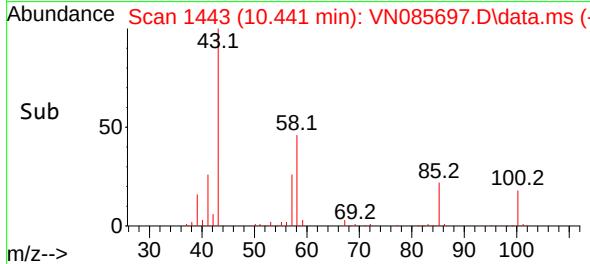
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01



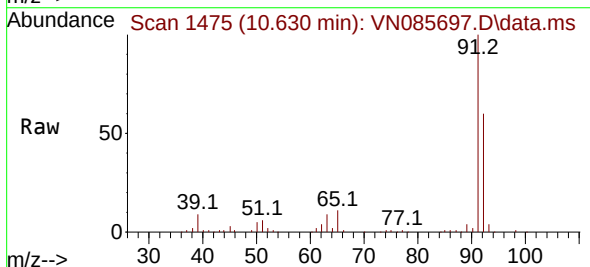
Tgt Ion: 43 Resp: 363189
Ion Ratio Lower Upper
43 100
58 41.2 30.5 45.7

Manual Integrations
APPROVED

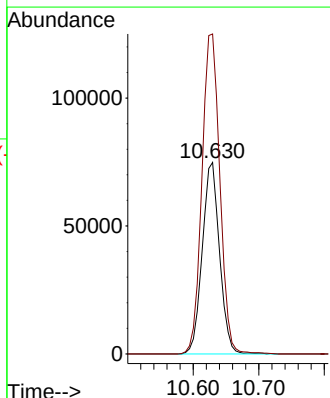
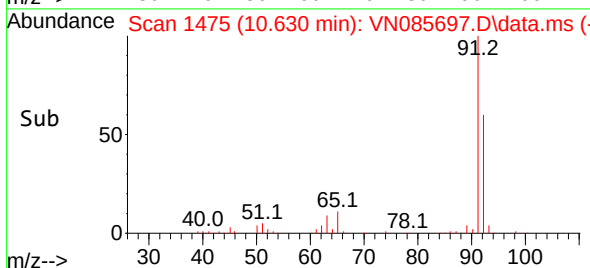
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

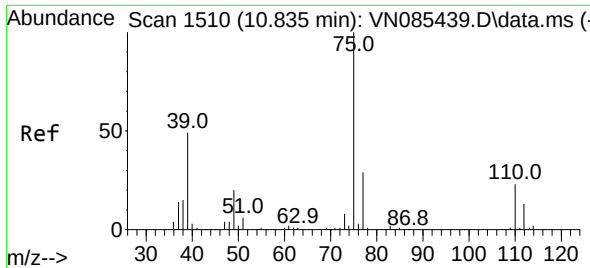


#52
Toluene
Concen: 22.427 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29



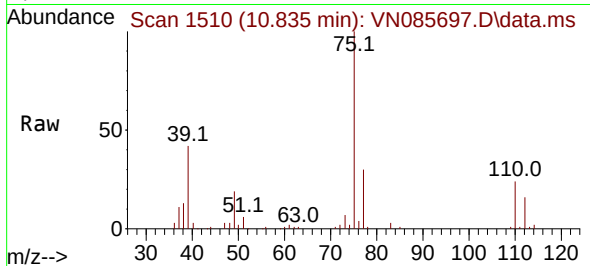
Tgt Ion: 92 Resp: 137262
Ion Ratio Lower Upper
92 100
91 173.6 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 21.966 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

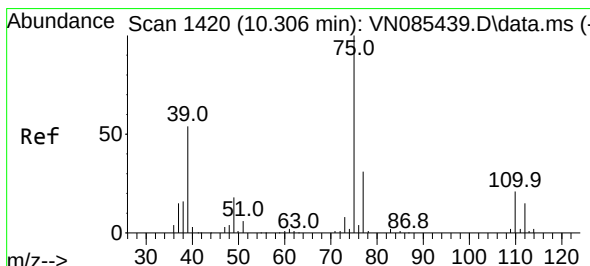
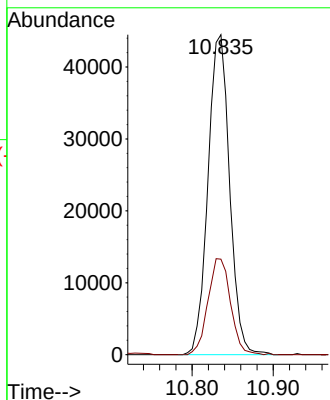
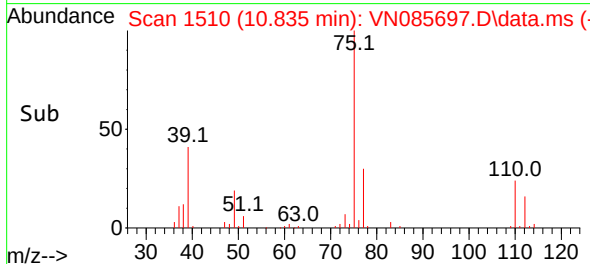
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01



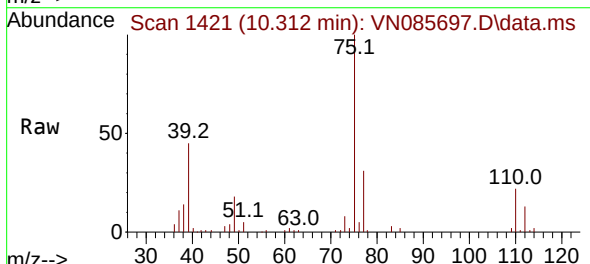
Tgt Ion: 75 Resp: 82334
Ion Ratio Lower Upper
75 100
77 29.8 23.5 35.3

Manual Integrations
APPROVED

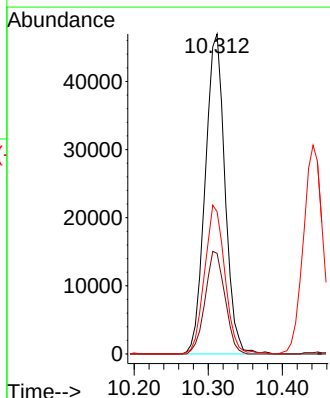
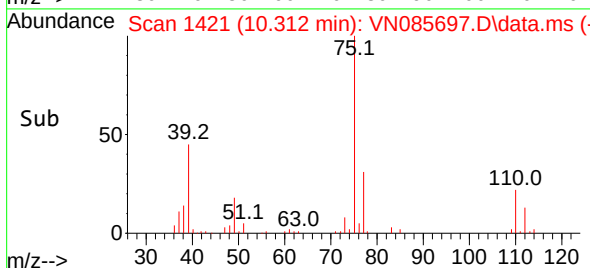
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

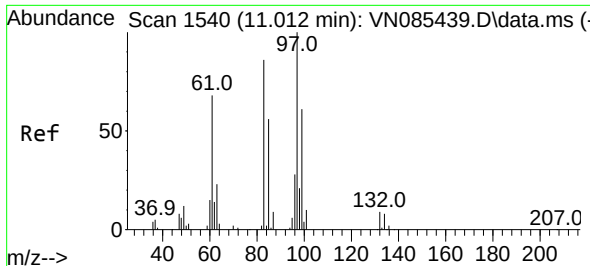


#54
cis-1,3-Dichloropropene
Concen: 21.713 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29



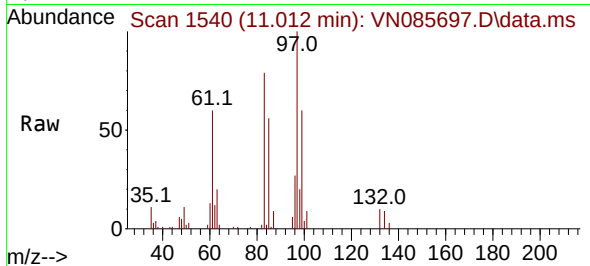
Tgt Ion: 75 Resp: 86935
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4
39 44.5 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 23.482 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

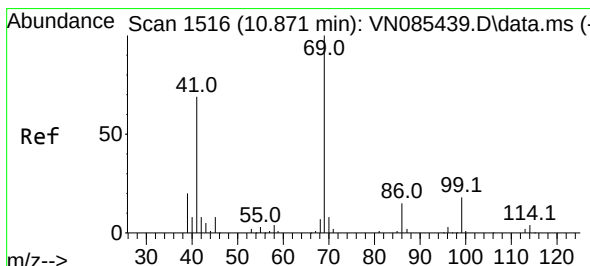
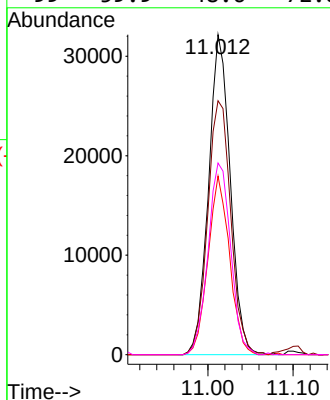
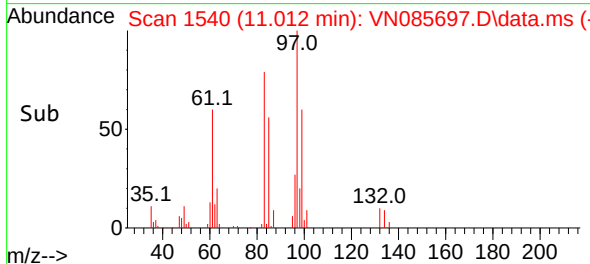
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01



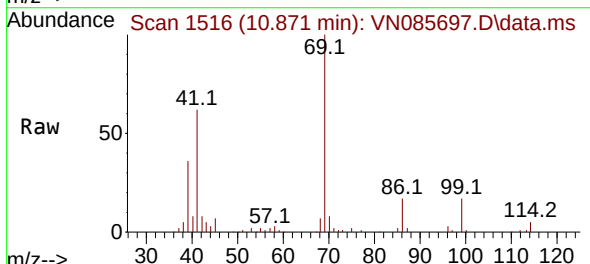
Tgt Ion:	97	Resp:	56870
Ion	Ratio	Lower	Upper
97	100		
83	79.3	69.0	103.6
85	55.8	44.6	66.8
99	59.9	48.6	72.8

Manual Integrations
APPROVED

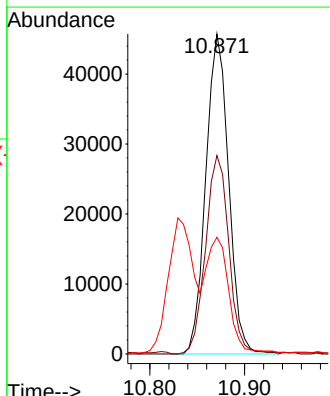
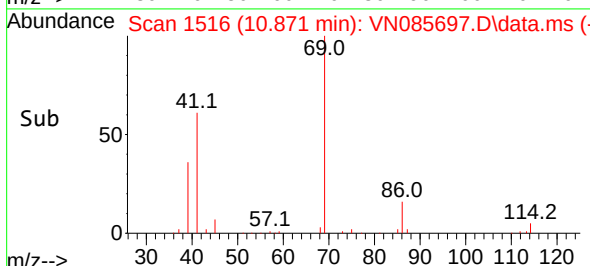
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

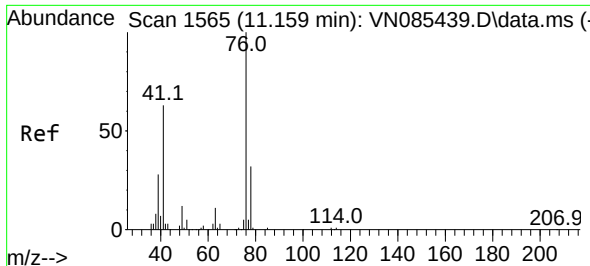


#56
Ethyl methacrylate
Concen: 19.915 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29



Tgt Ion:	69	Resp:	76326
Ion	Ratio	Lower	Upper
69	100		
41	63.4	54.6	82.0
39	35.8	32.4	48.6





#57

1,3-Dichloropropane

Concen: 22.854 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN085697.D

Acq: 07 Feb 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN0207WBSD01

Tgt Ion: 76 Resp: 9625

Ion Ratio Lower Upper

76 100

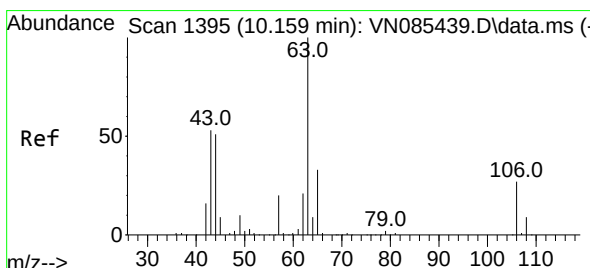
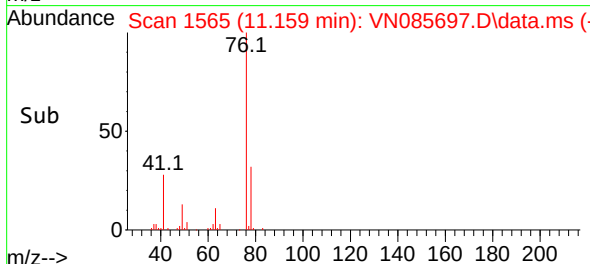
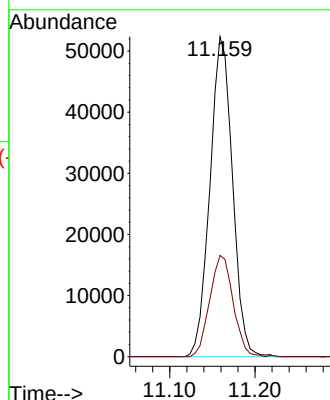
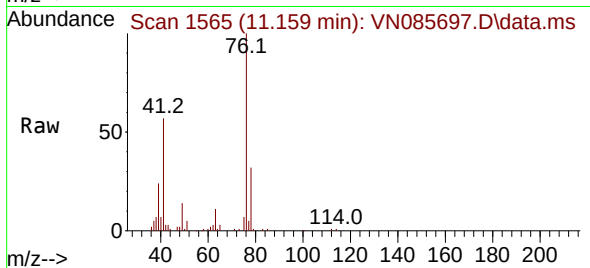
78 32.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#58

2-Chloroethyl Vinyl ether

Concen: 106.949 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN085697.D

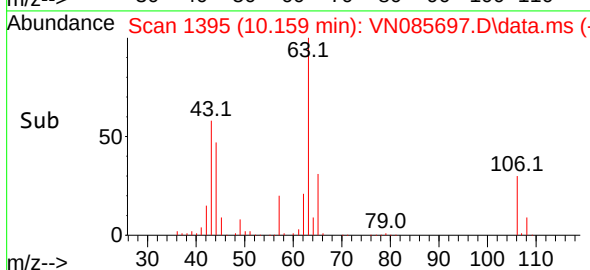
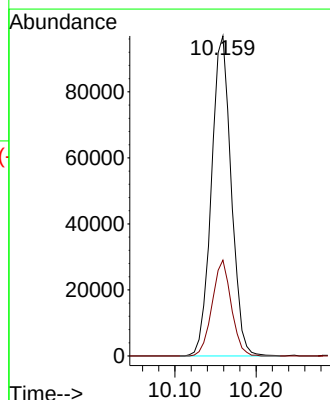
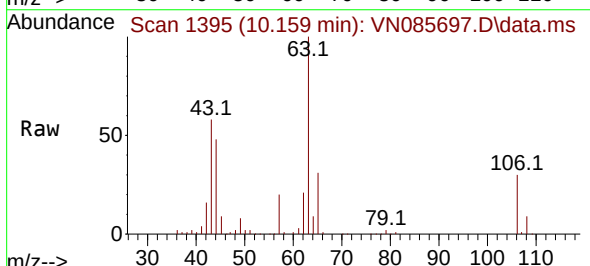
Acq: 07 Feb 2025 15:29

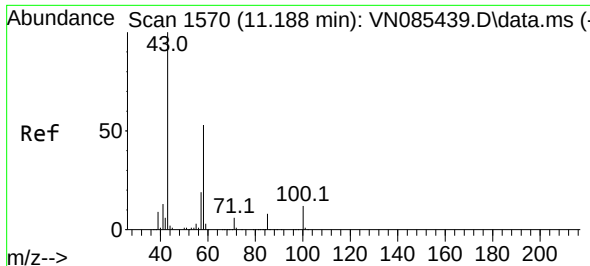
Tgt Ion: 63 Resp: 164388

Ion Ratio Lower Upper

63 100

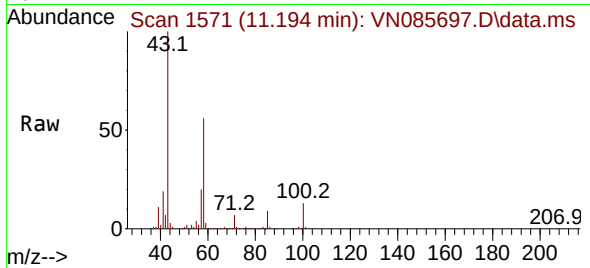
106 28.9 21.6 32.4





#59
2-Hexanone
Concen: 113.464 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

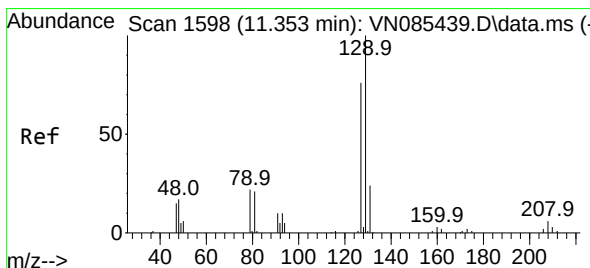
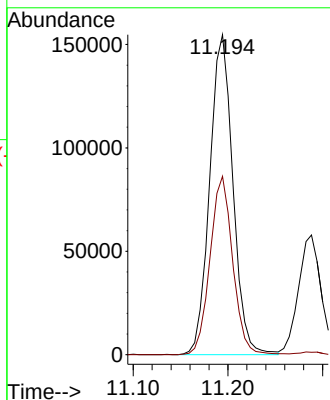
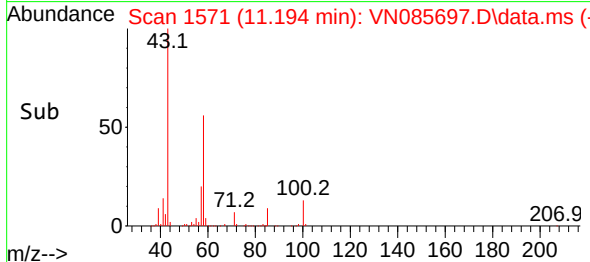
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01



Tgt Ion: 43 Resp: 263412
Ion Ratio Lower Upper
43 100
58 54.4 26.2 78.6

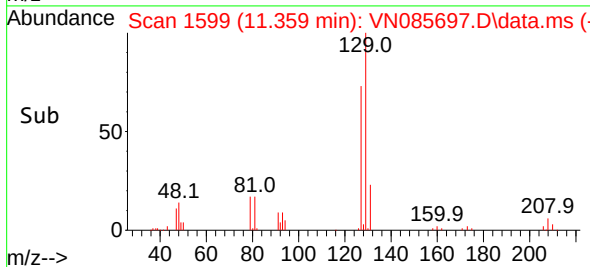
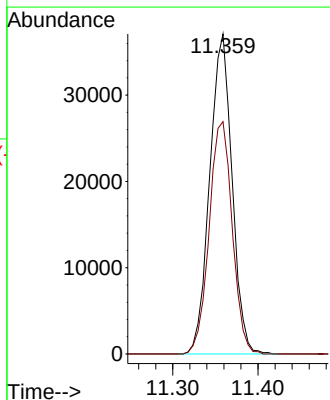
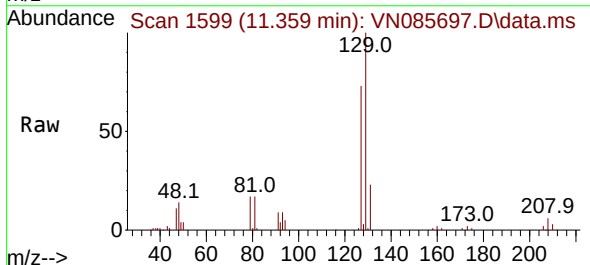
Manual Integrations
APPROVED

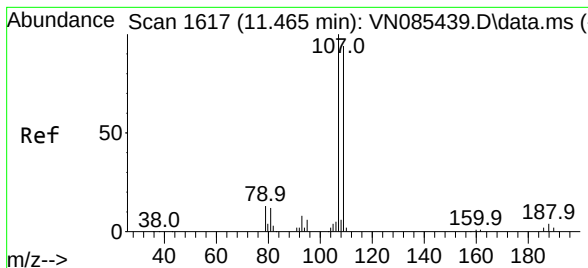
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#60
Dibromochloromethane
Concen: 23.034 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

Tgt Ion:129 Resp: 67355
Ion Ratio Lower Upper
129 100
127 75.1 38.6 115.8





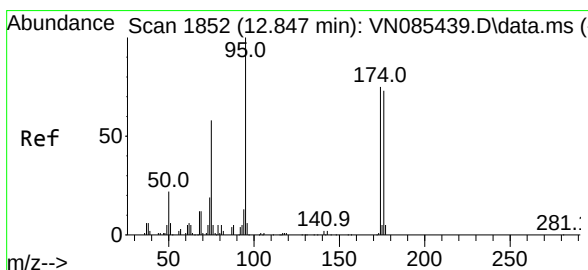
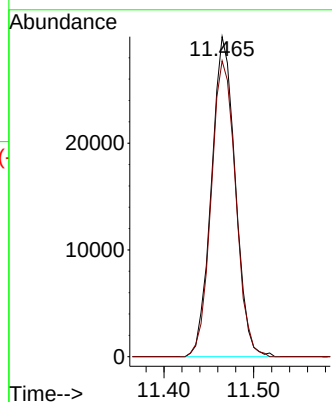
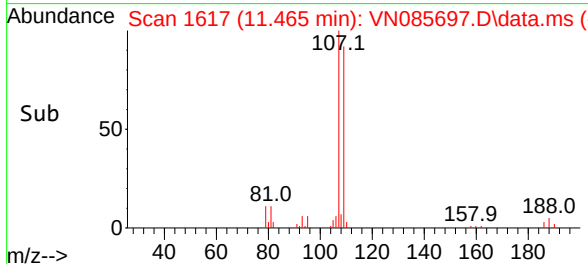
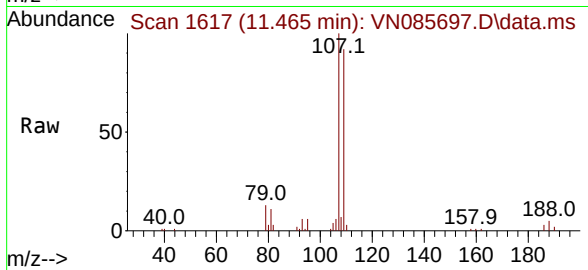
#61
1,2-Dibromoethane
Concen: 22.941 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01

Tgt Ion:107 Resp: 5531
Ion Ratio Lower Upper
107 100
109 94.7 75.9 113.9

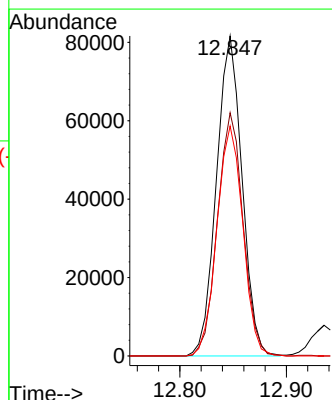
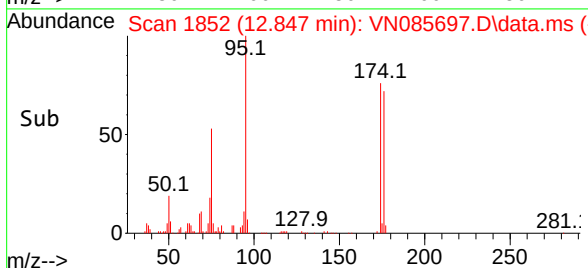
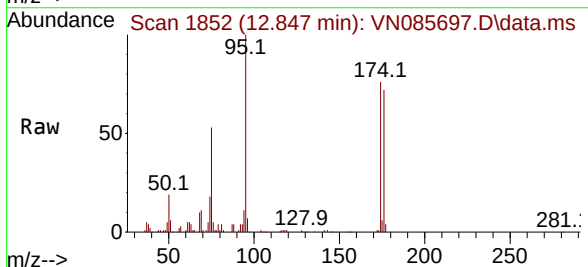
Manual Integrations
APPROVED

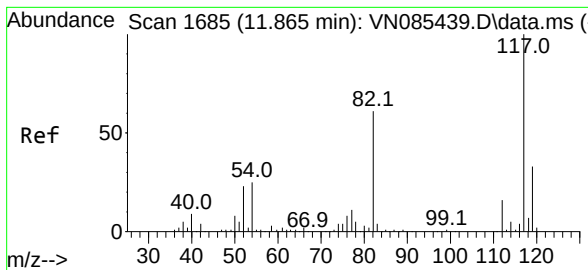
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#62
4-Bromofluorobenzene
Concen: 44.778 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

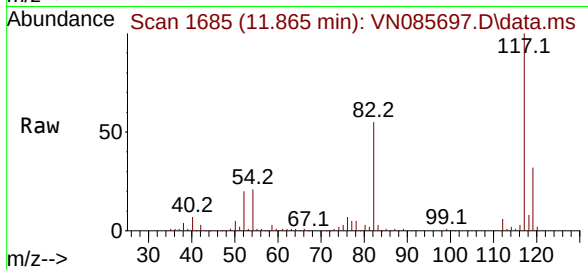
Tgt Ion: 95 Resp: 136321
Ion Ratio Lower Upper
95 100
174 76.1 0.0 145.0
176 72.8 0.0 142.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

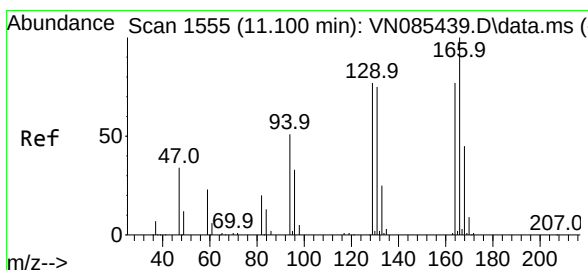
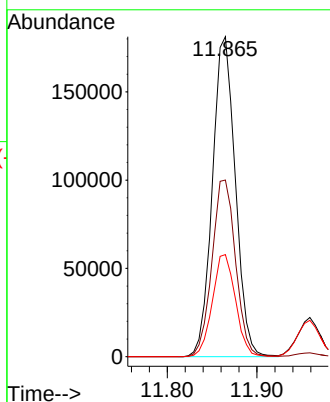
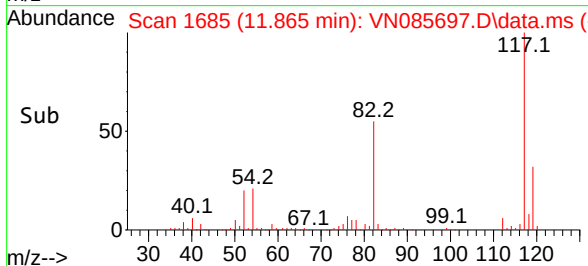
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01



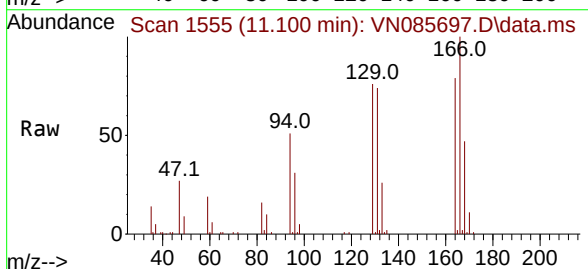
Tgt Ion:117 Resp: 32199
Ion Ratio Lower Upper
117 100
82 55.2 48.6 72.8
119 31.9 26.6 39.8

Manual Integrations
APPROVED

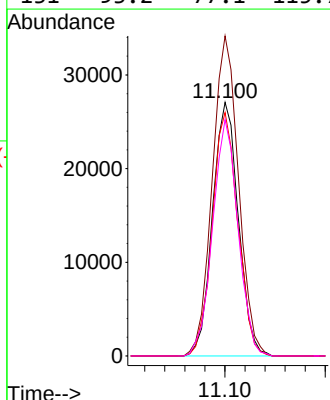
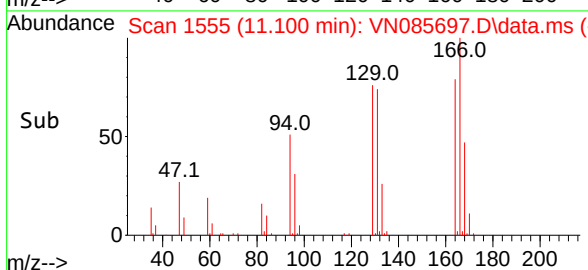
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

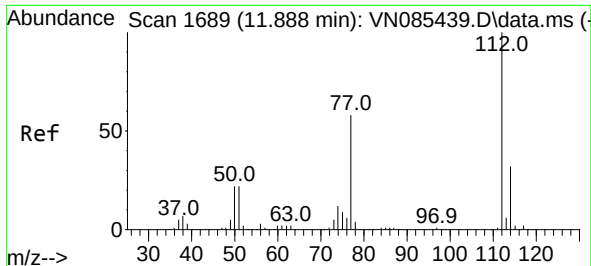


#64
Tetrachloroethene
Concen: 22.015 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29



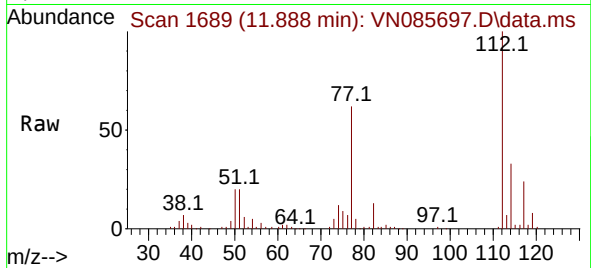
Tgt Ion:164 Resp: 48325
Ion Ratio Lower Upper
164 100
166 126.2 103.4 155.2
129 96.0 79.2 118.8
131 93.2 77.1 115.7





#65
Chlorobenzene
Concen: 20.906 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

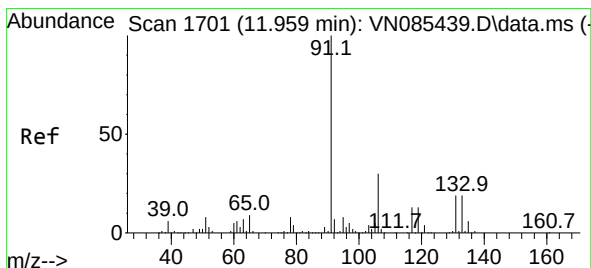
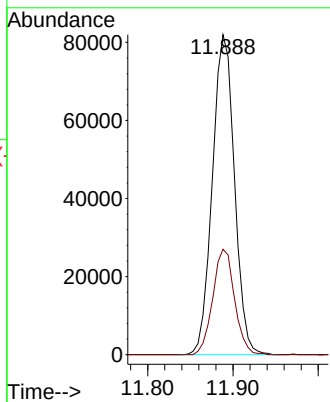
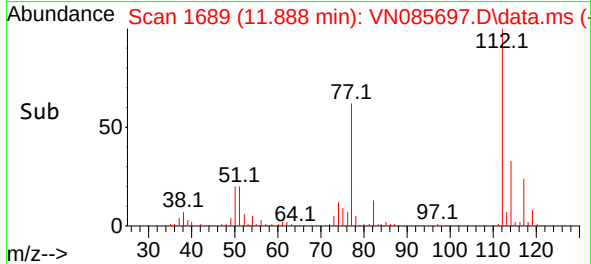
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01



Tgt Ion:112 Resp: 147469
Ion Ratio Lower Upper
112 100
114 32.9 25.3 37.9

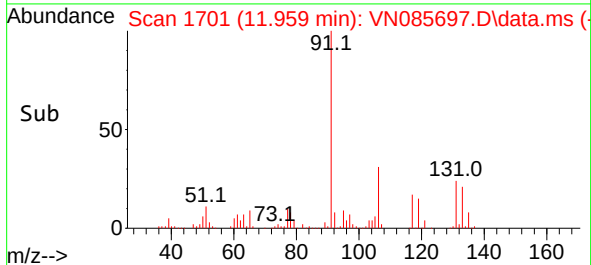
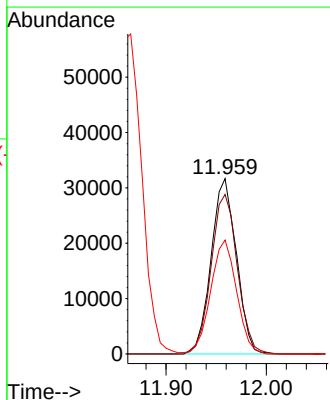
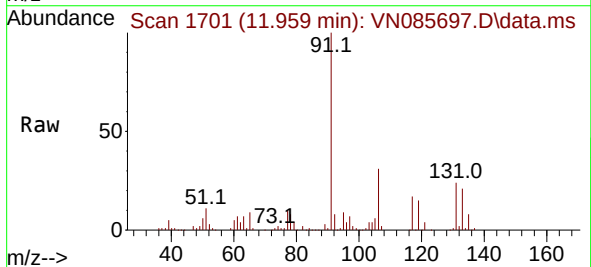
Manual Integrations
APPROVED

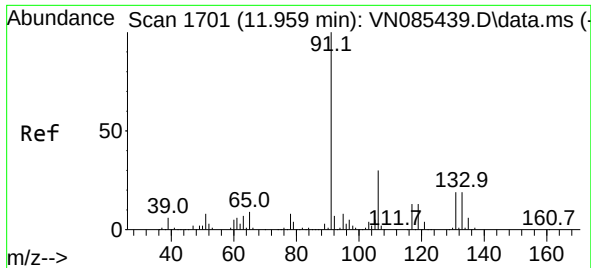
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 21.348 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

Tgt Ion:131 Resp: 55268
Ion Ratio Lower Upper
131 100
133 94.7 47.4 142.3
119 66.7 33.1 99.5





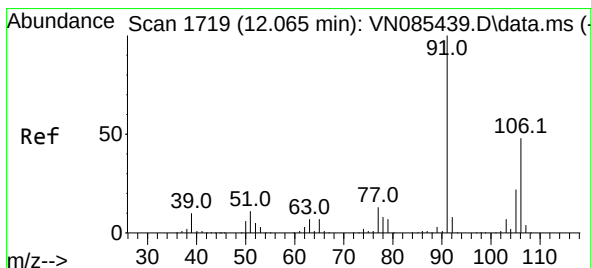
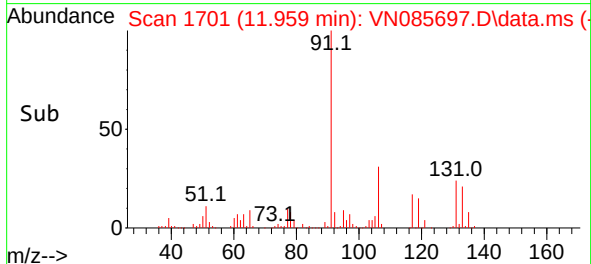
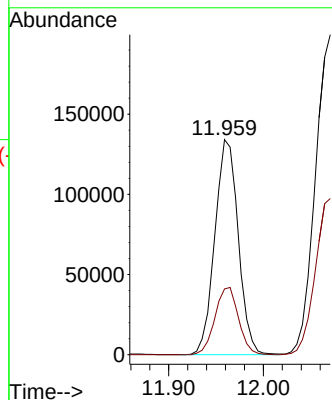
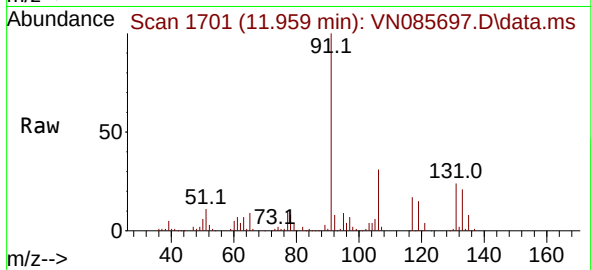
#67
Ethyl Benzene
Concen: 20.077 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01

Tgt Ion: 91 Resp: 230660
Ion Ratio Lower Upper
91 100
106 30.6 23.8 35.8

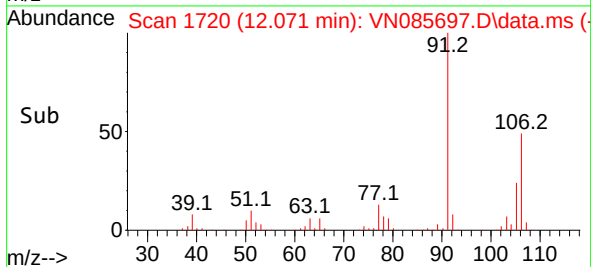
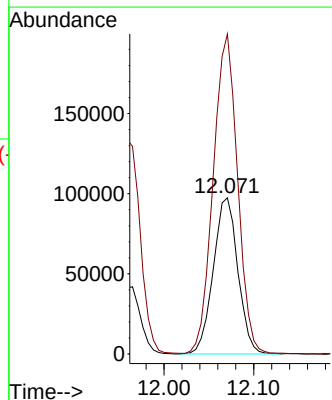
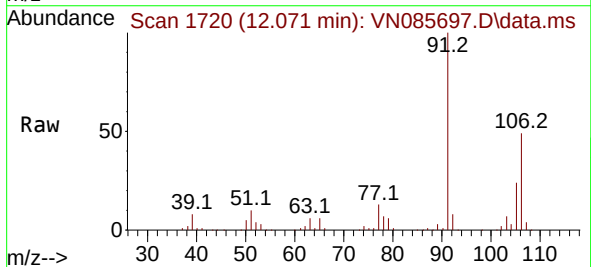
Manual Integrations
APPROVED

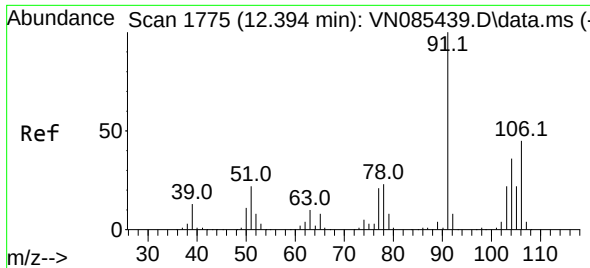
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#68
m/p-Xylenes
Concen: 43.614 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

Tgt Ion:106 Resp: 185187
Ion Ratio Lower Upper
106 100
91 203.5 167.7 251.5





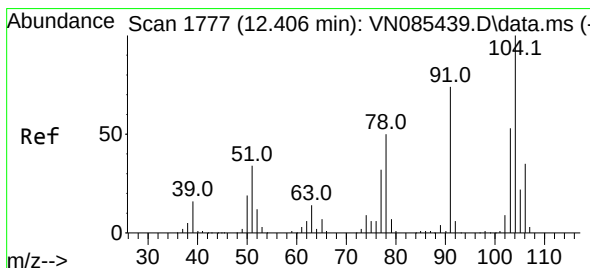
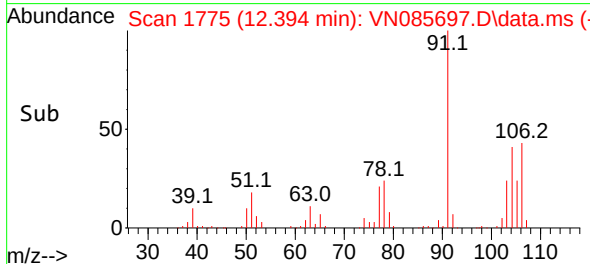
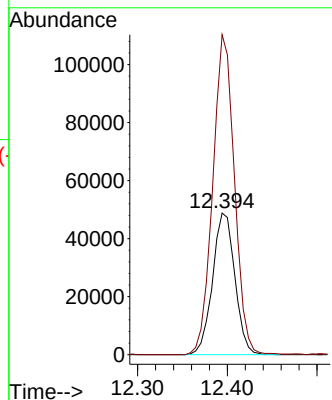
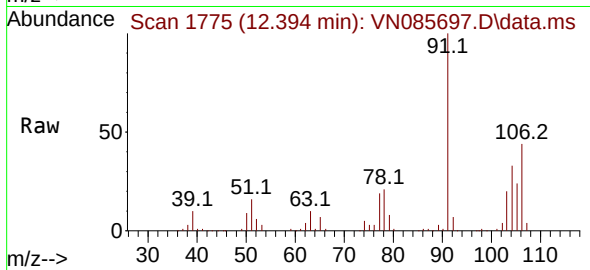
#69
o-Xylene
Concen: 20.747 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01

Tgt Ion:106 Resp: 84189
Ion Ratio Lower Upper
106 100
91 219.9 110.4 331.2

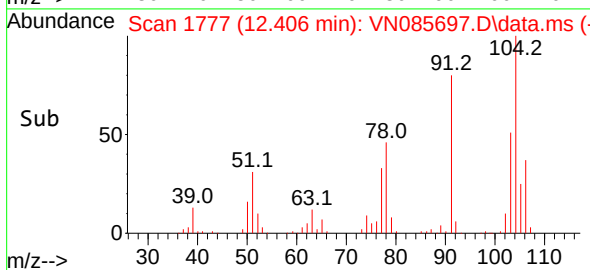
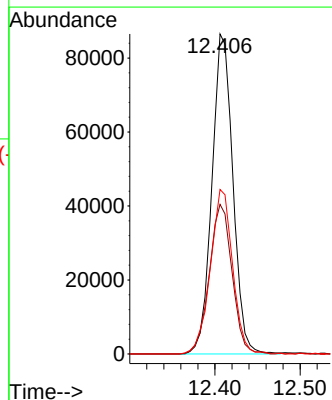
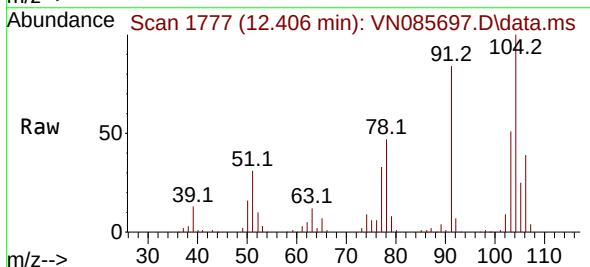
Manual Integrations
APPROVED

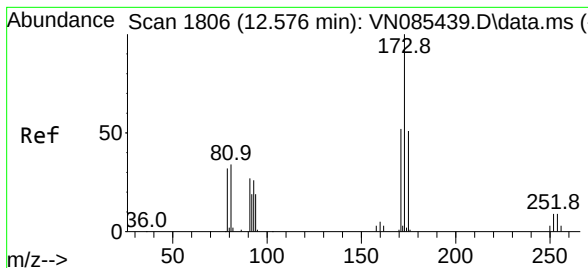
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#70
Styrene
Concen: 22.042 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

Tgt Ion:104 Resp: 148024
Ion Ratio Lower Upper
104 100
78 50.8 42.5 63.7
103 54.5 43.8 65.8





#71

Bromoform

Concen: 24.060 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN085697.D

Acq: 07 Feb 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN0207WBSD01

Tgt Ion:173 Resp: 4456

Ion Ratio Lower Upper

173 100

175 48.4 24.4 73.2

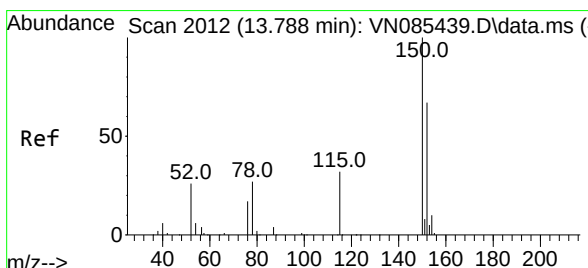
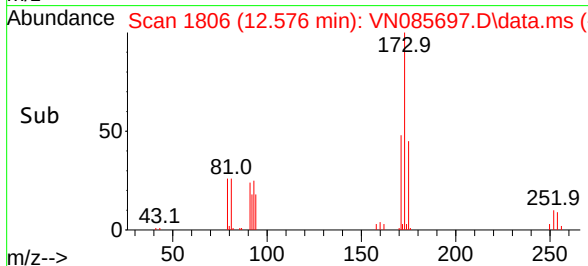
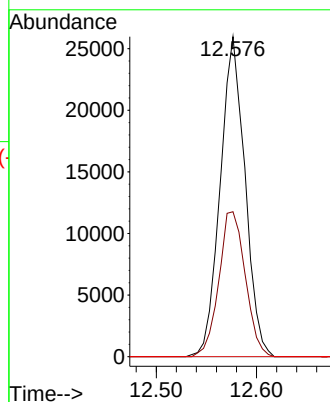
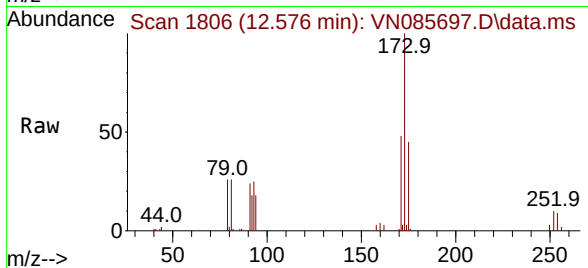
254 0.0 0.0 0.0

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: VN085697.D

Acq: 07 Feb 2025 15:29

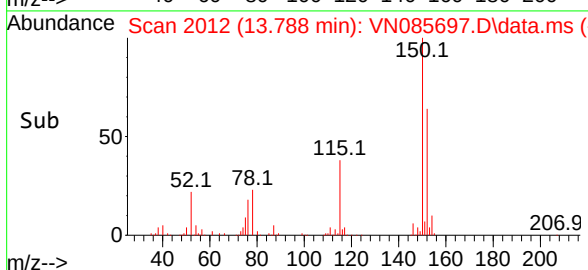
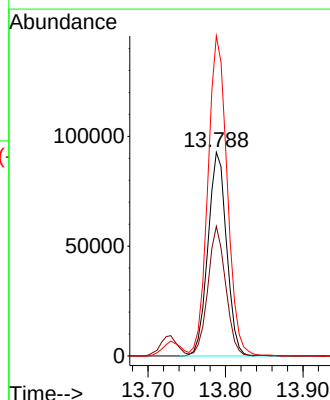
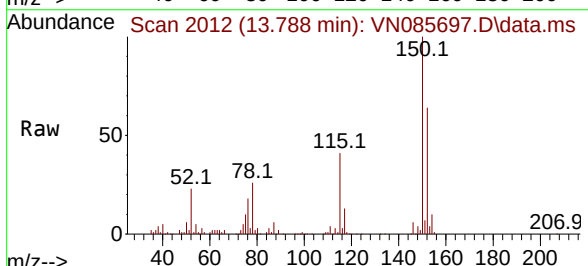
Tgt Ion:152 Resp: 154893

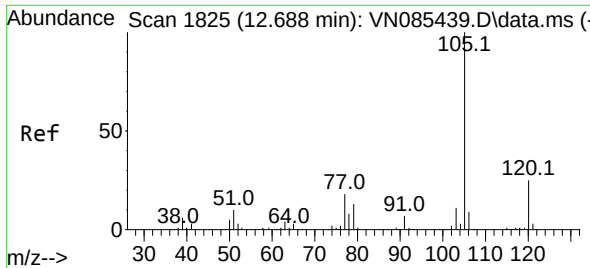
Ion Ratio Lower Upper

152 100

115 60.7 31.1 93.3

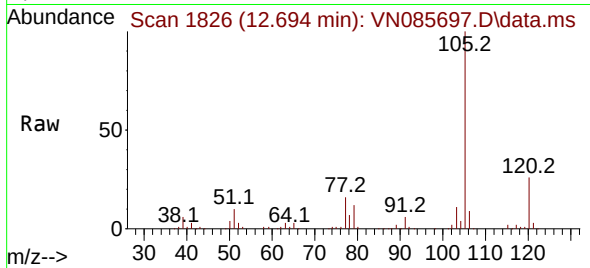
150 162.9 0.0 343.6





#73
Isopropylbenzene
Concen: 19.698 ug/l
RT: 12.694 min Scan# 1825
Delta R.T. 0.006 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

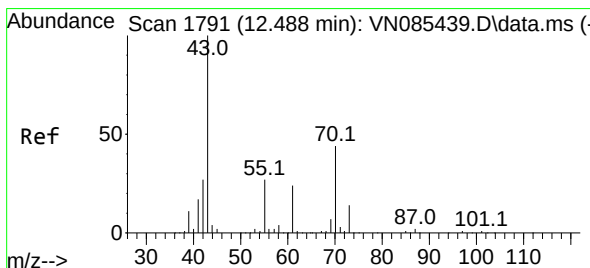
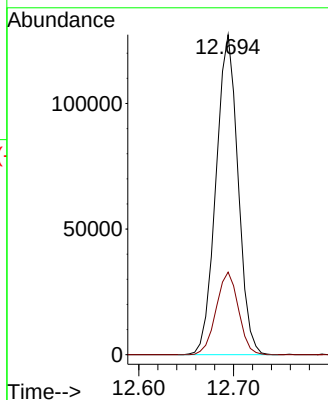
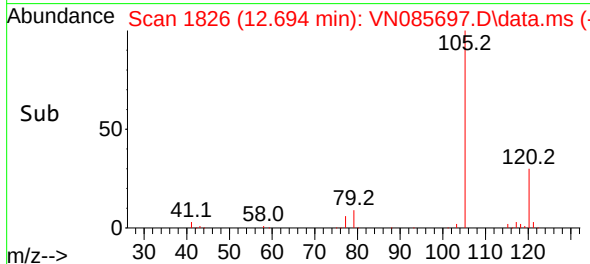
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01



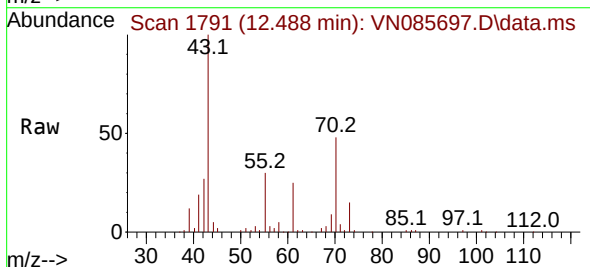
Tgt Ion:105 Resp: 205925
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.3

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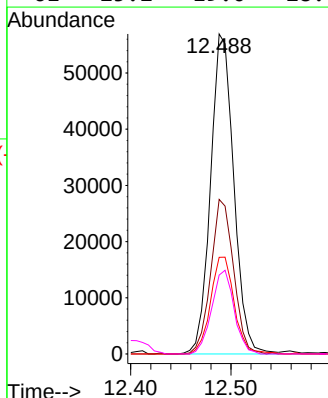
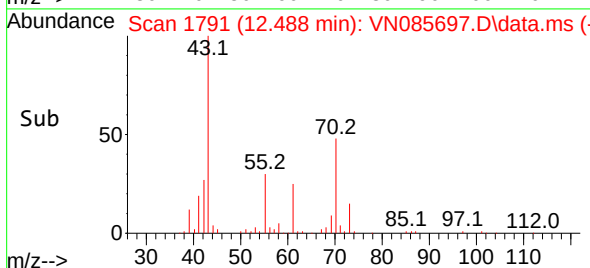
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

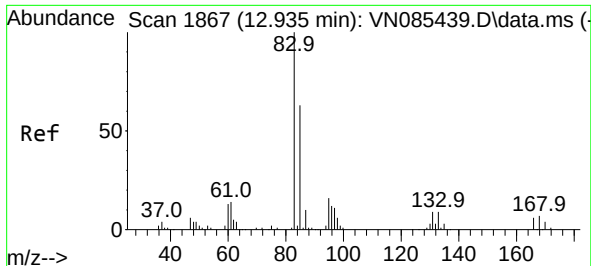


#74
N-ethyl acetate
Concen: 19.541 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29



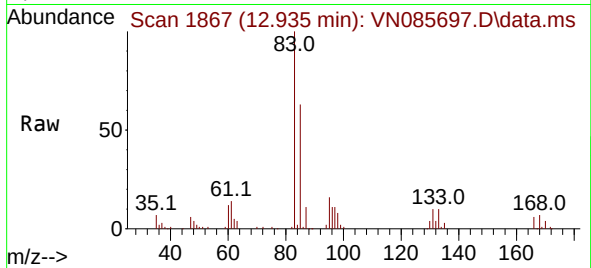
Tgt Ion: 43 Resp: 91818
Ion Ratio Lower Upper
43 100
70 47.2 34.0 51.0
55 30.9 21.4 32.2
61 25.2 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 22.166 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

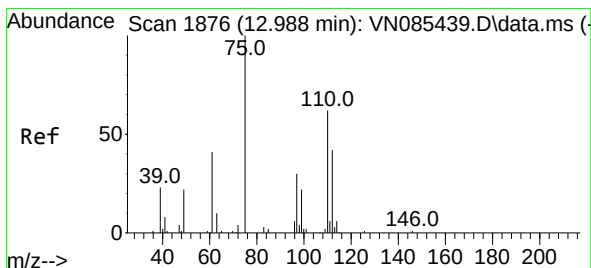
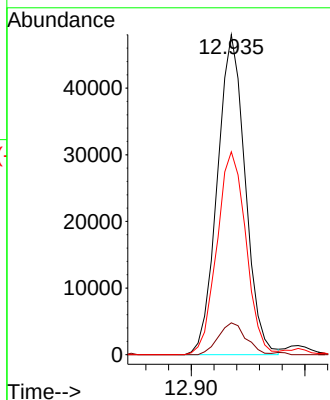
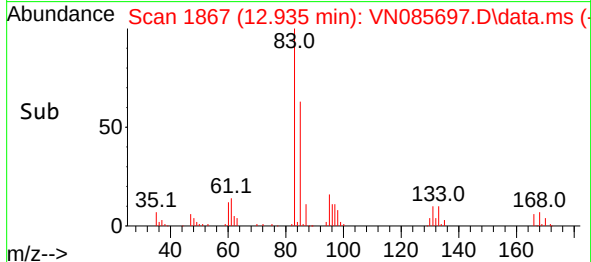
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01



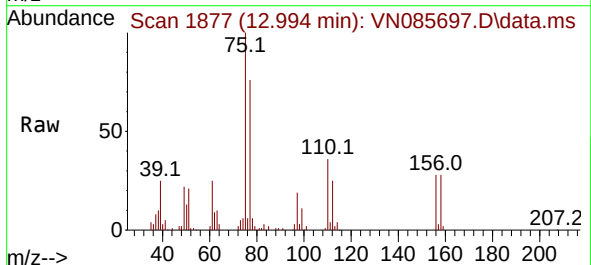
Tgt Ion: 83 Resp: 8185
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.4
85 66.0 32.2 96.6

Manual Integrations
APPROVED

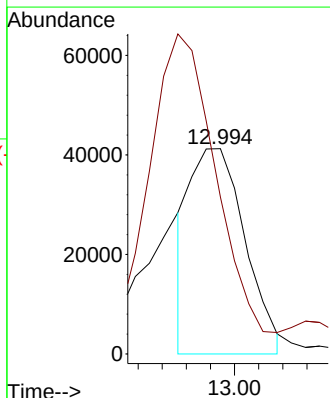
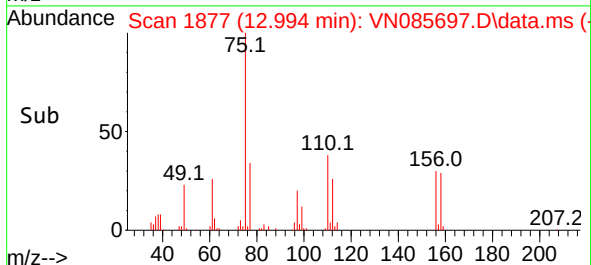
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

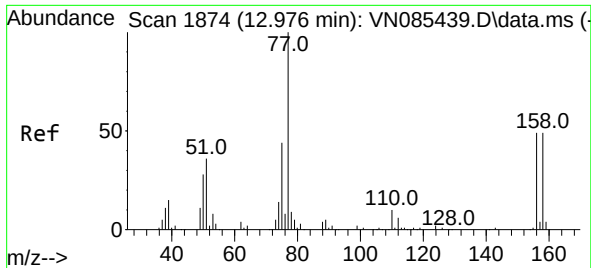


#76
1,2,3-Trichloropropane
Concen: 20.774 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29



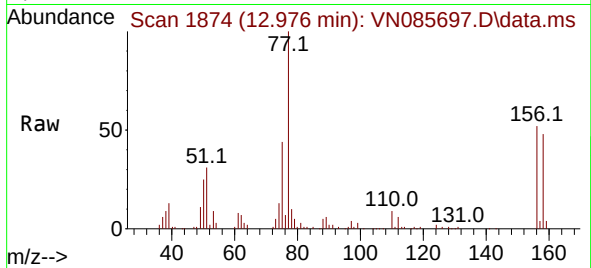
Tgt Ion: 75 Resp: 65401
Ion Ratio Lower Upper
75 100
77 198.1 109.7 329.2





#77
Bromobenzene
Concen: 21.669 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

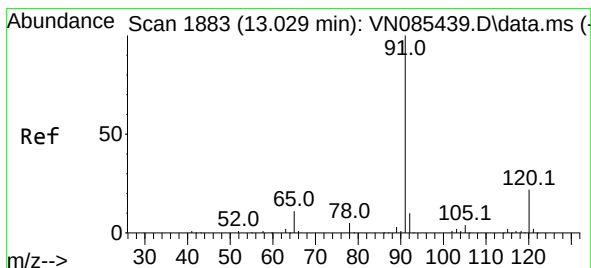
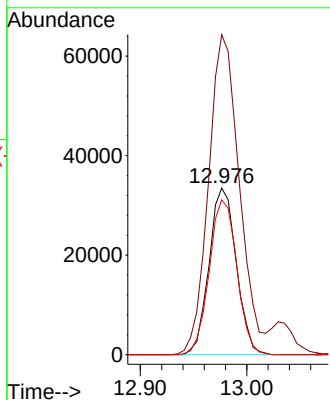
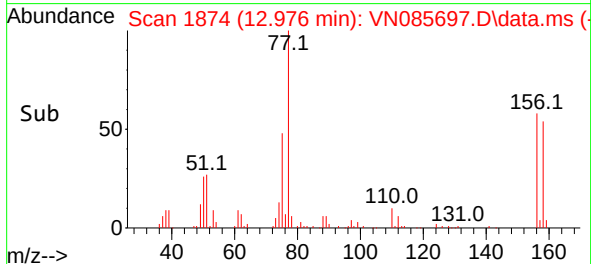
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01



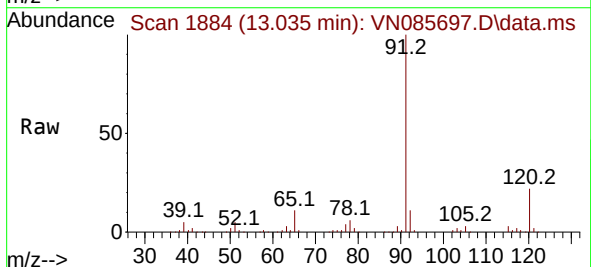
Tgt Ion:156 Resp: 5918
Ion Ratio Lower Upper
156 100
77 218.9 114.1 342.4
158 94.3 48.9 146.8

Manual Integrations
APPROVED

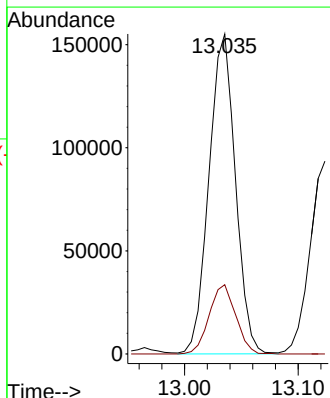
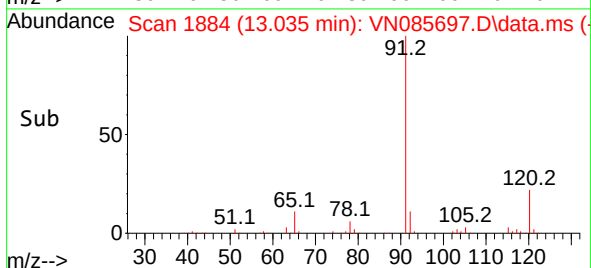
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

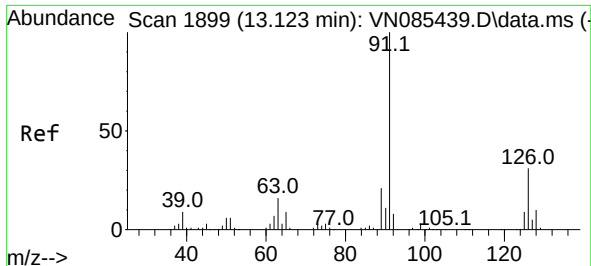


#78
n-propylbenzene
Concen: 20.284 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29



Tgt Ion: 91 Resp: 251035
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.6





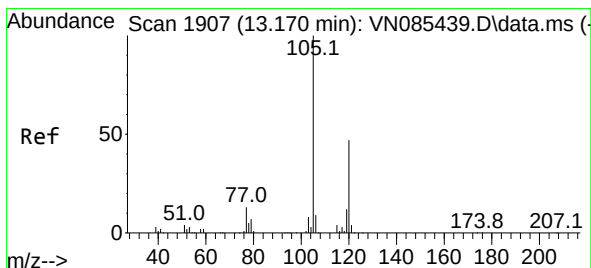
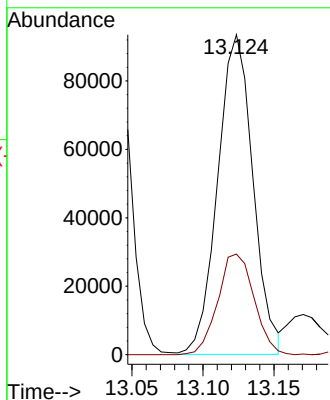
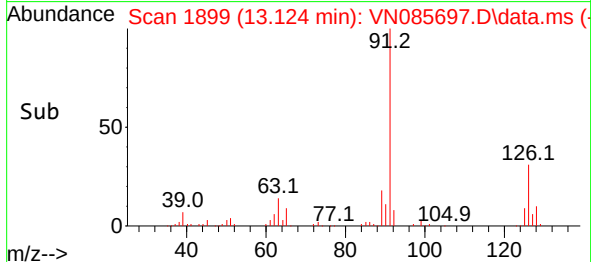
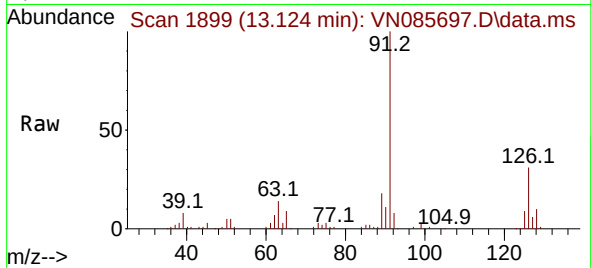
#79
2-Chlorotoluene
Concen: 20.134 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01

Tgt Ion: 91 Resp: 161264
Ion Ratio Lower Upper
91 100
126 32.4 15.7 47.1

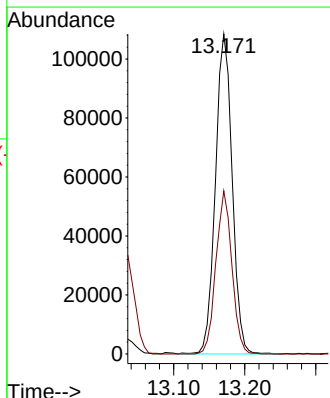
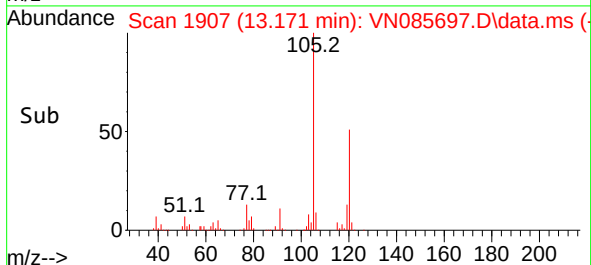
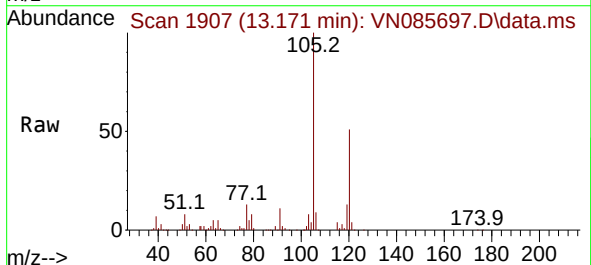
Manual Integrations
APPROVED

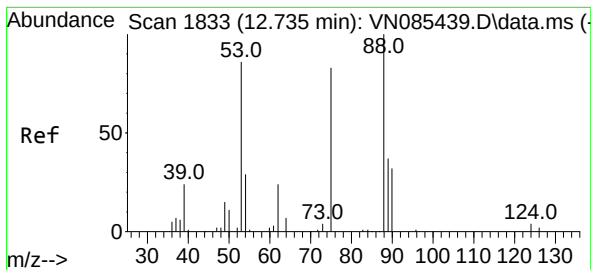
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.531 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

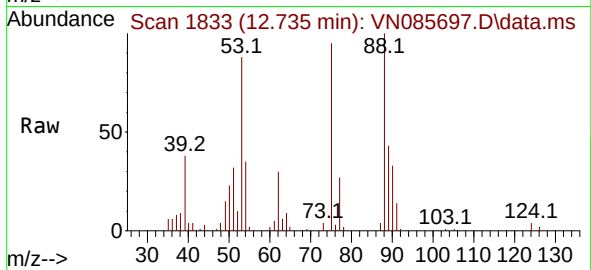
Tgt Ion:105 Resp: 177286
Ion Ratio Lower Upper
105 100
120 48.4 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 22.953 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

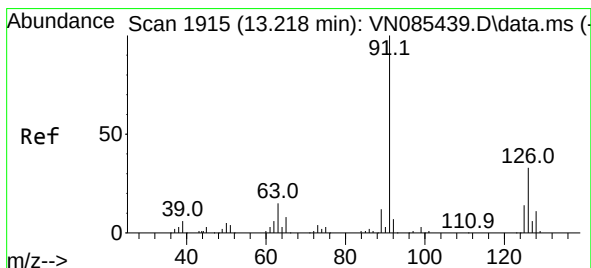
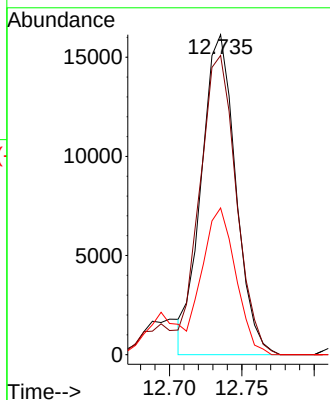
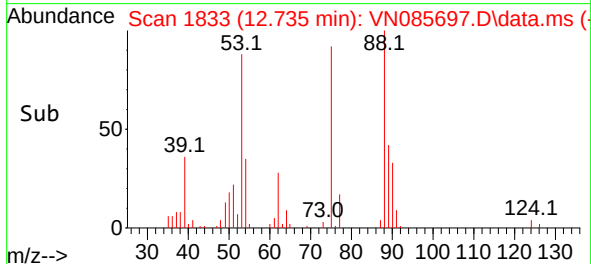
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01



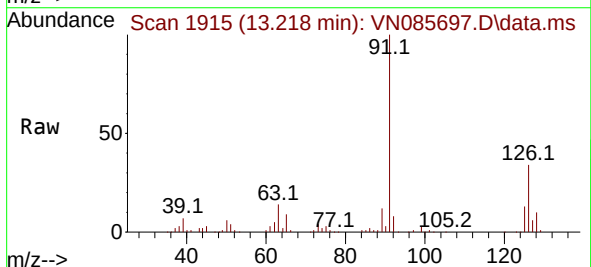
Tgt Ion: 75 Resp: 26708
Ion Ratio Lower Upper
75 100
53 107.8 95.6 143.4
89 44.3 37.0 55.6

Manual Integrations
APPROVED

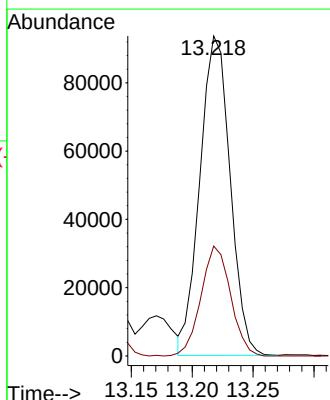
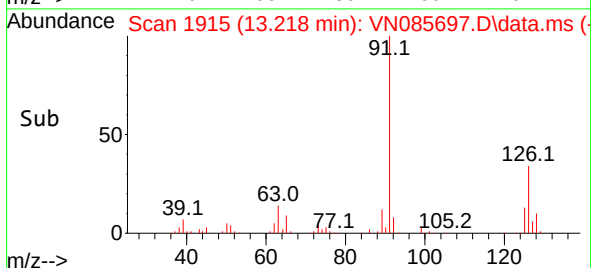
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

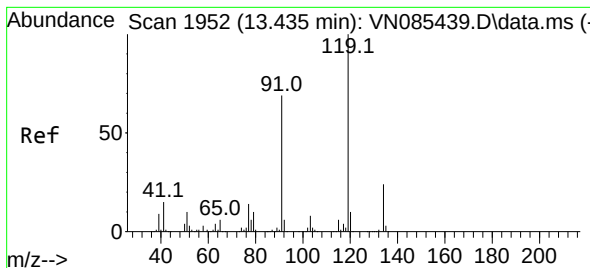


#82
4-Chlorotoluene
Concen: 20.288 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29



Tgt Ion: 91 Resp: 161795
Ion Ratio Lower Upper
91 100
126 33.6 15.9 47.7





#83

tert-Butylbenzene

Concen: 18.973 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN085697.D

Acq: 07 Feb 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN0207WBSD01

Tgt Ion:119 Resp: 13758

Ion Ratio Lower Upper

119 100

91 69.6 35.1 105.3

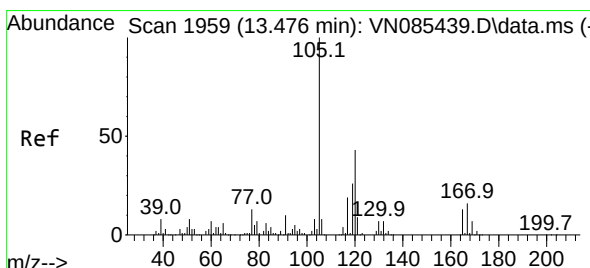
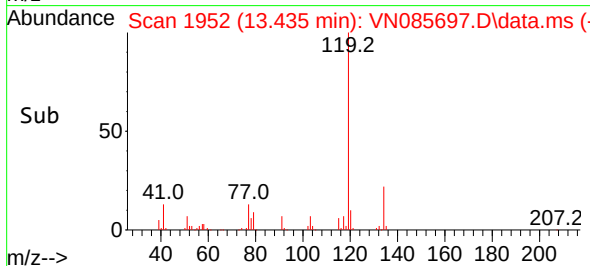
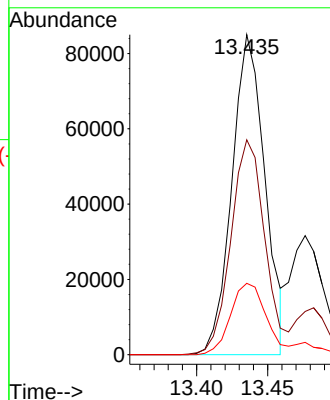
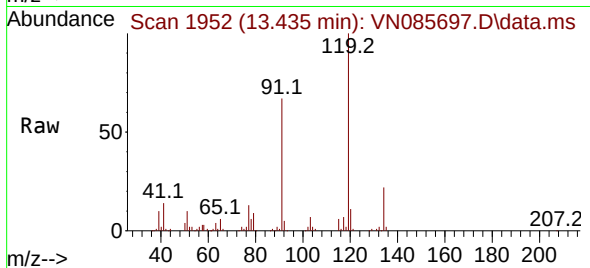
134 24.0 12.0 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#84

1,2,4-Trimethylbenzene

Concen: 20.848 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN085697.D

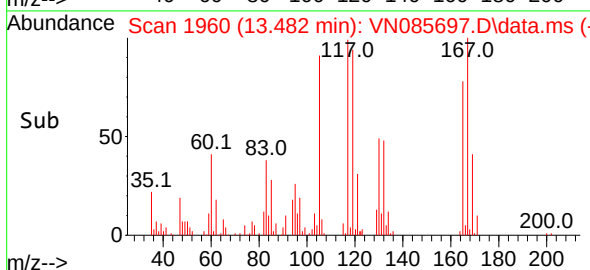
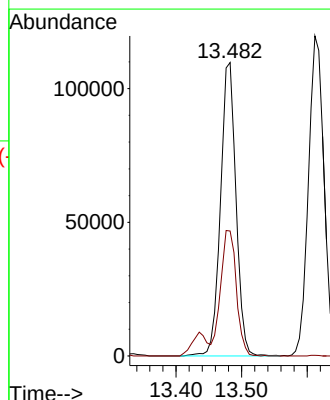
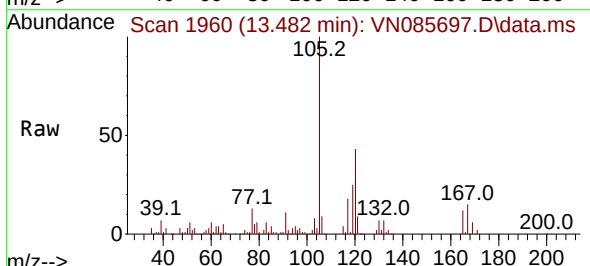
Acq: 07 Feb 2025 15:29

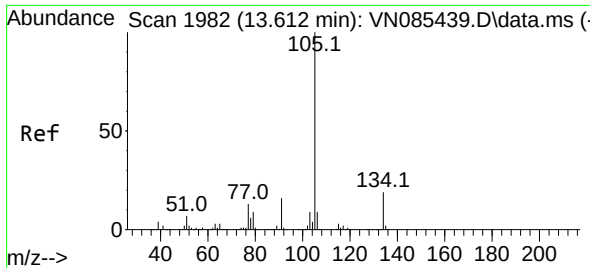
Tgt Ion:105 Resp: 179423

Ion Ratio Lower Upper

105 100

120 43.4 21.6 65.0





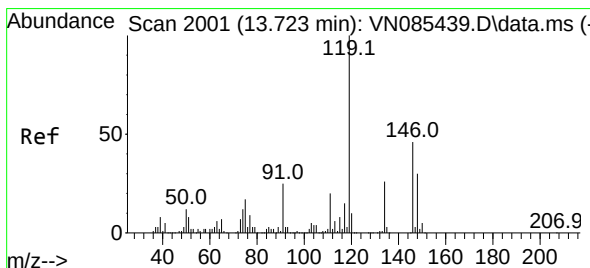
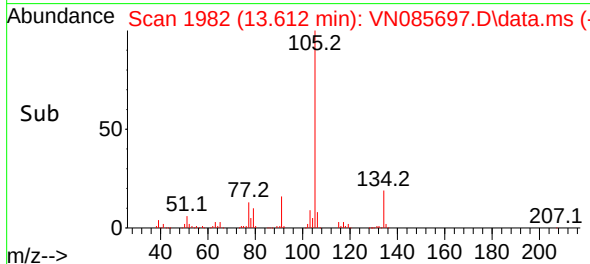
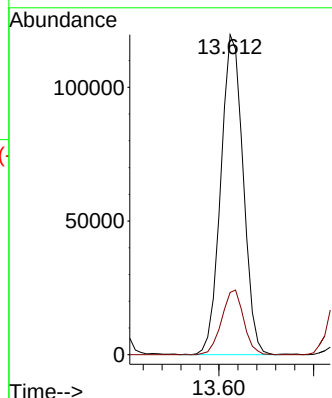
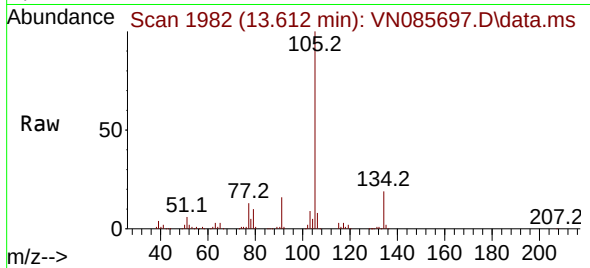
#85
 sec-Butylbenzene
 Concen: 19.555 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085697.D
 Acq: 07 Feb 2025 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0207WBSD01

Tgt Ion:105 Resp: 196538
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 28.9

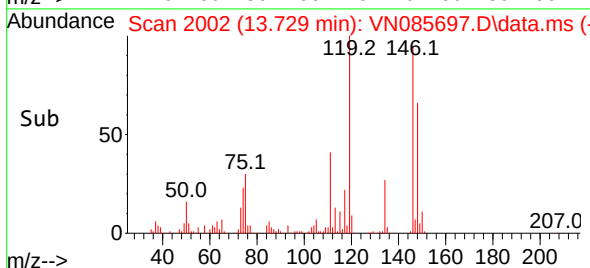
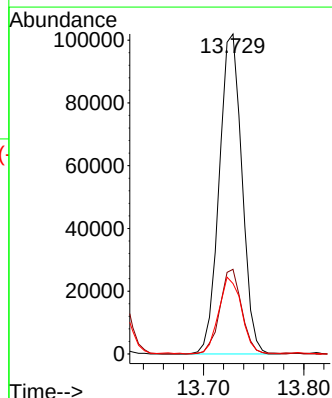
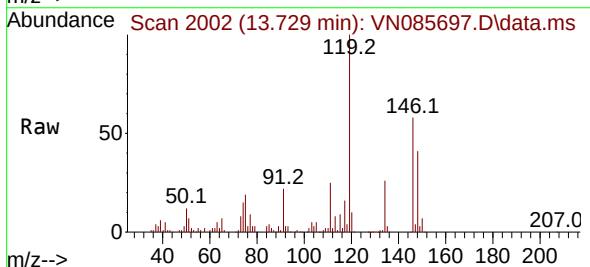
Manual Integrations
 APPROVED

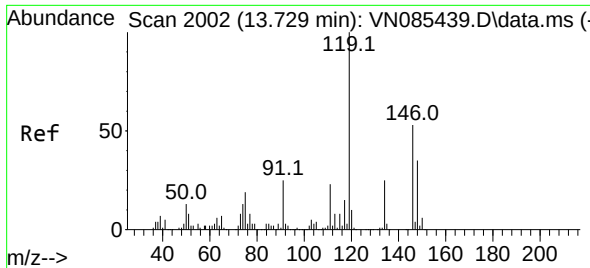
Reviewed By :John Carlone 02/10/2025
 Supervised By :Mahesh Dadoda 02/10/2025



#86
 p-Isopropyltoluene
 Concen: 19.187 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085697.D
 Acq: 07 Feb 2025 15:29

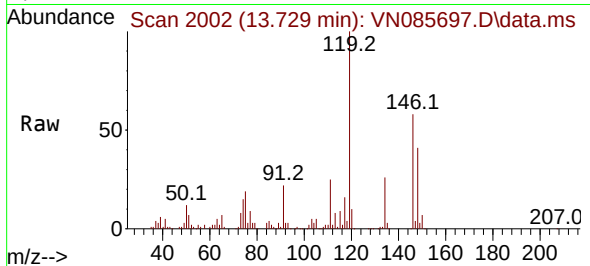
Tgt Ion:119 Resp: 160371
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.7 38.0
 91 24.3 12.7 38.1





#87
1,3-Dichlorobenzene
Concen: 20.588 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

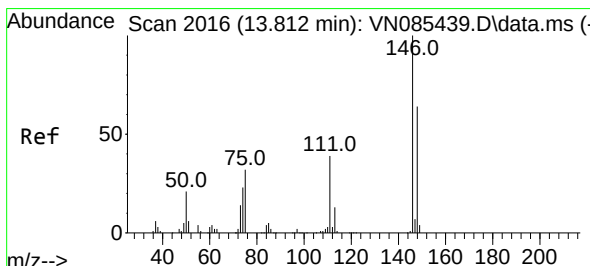
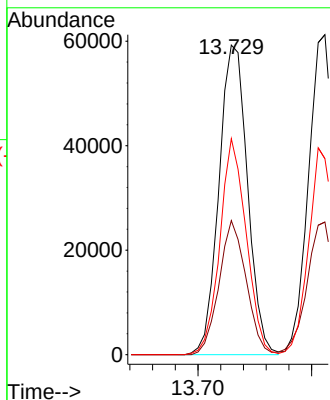
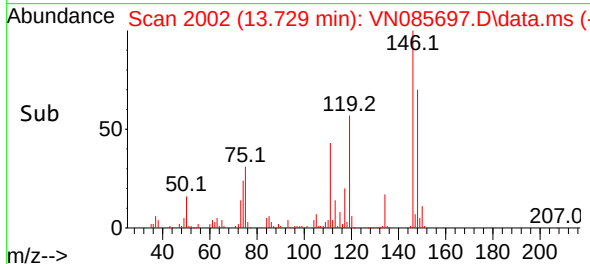
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01



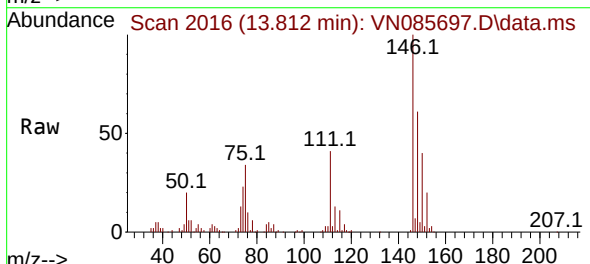
Tgt Ion:146 Resp: 103558
Ion Ratio Lower Upper
146 100
111 41.0 21.4 64.3
148 64.4 32.3 96.9

Manual Integrations
APPROVED

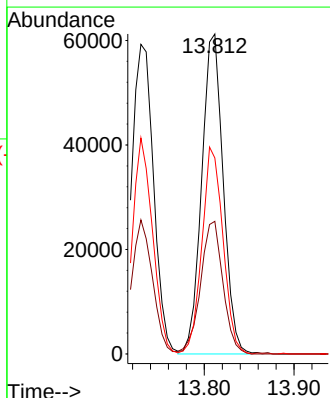
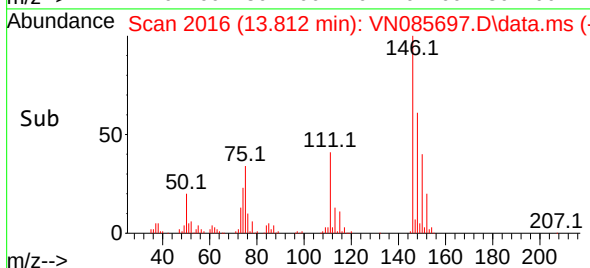
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

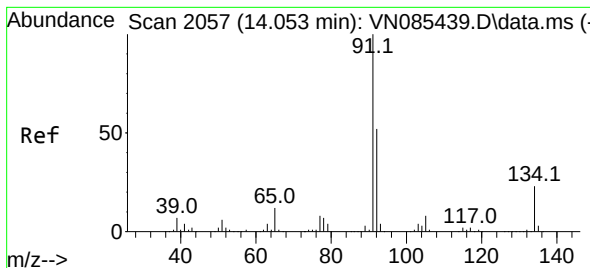


#88
1,4-Dichlorobenzene
Concen: 19.557 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29



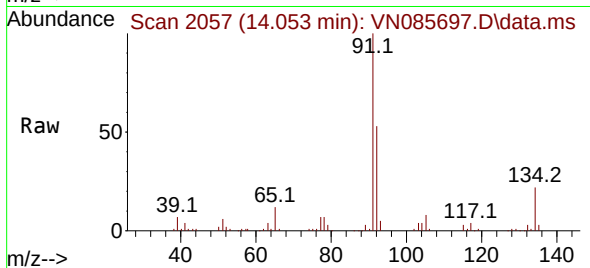
Tgt Ion:146 Resp: 101964
Ion Ratio Lower Upper
146 100
111 43.3 21.3 63.7
148 63.4 32.4 97.0





#89
n-Butylbenzene
Concen: 17.864 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

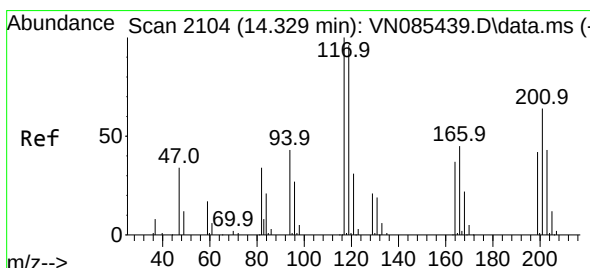
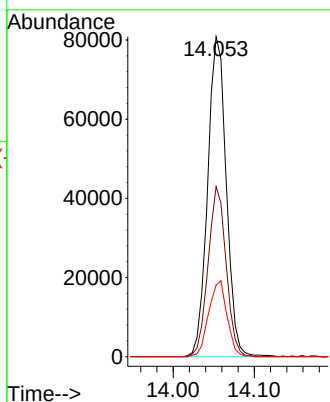
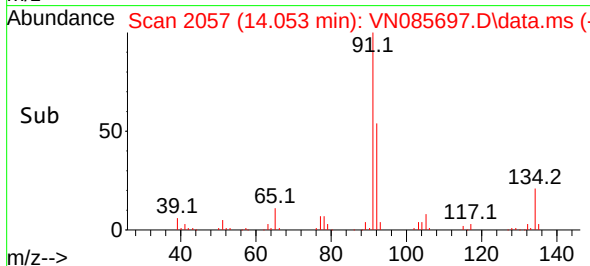
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01



Tgt Ion: 91 Resp: 12880
Ion Ratio Lower Upper
91 100
92 51.4 25.8 77.3
134 23.4 11.7 35.1

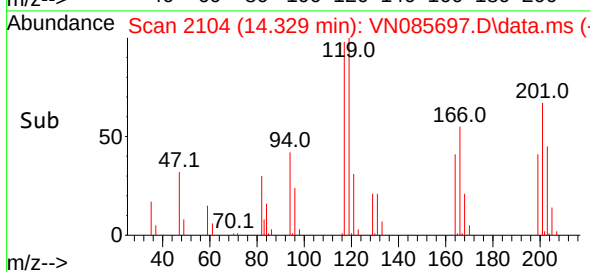
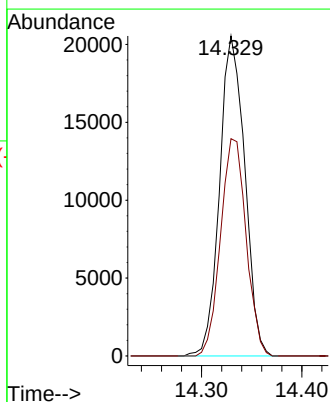
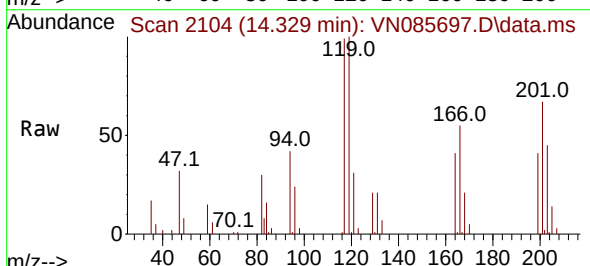
Manual Integrations
APPROVED

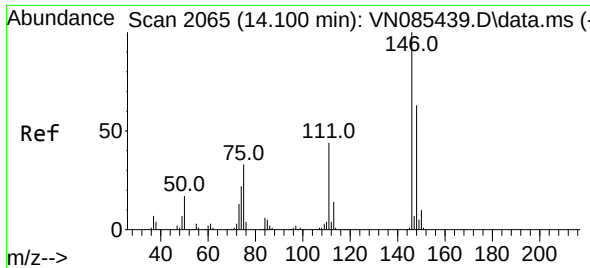
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#90
Hexachloroethane
Concen: 18.689 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

Tgt Ion:117 Resp: 35758
Ion Ratio Lower Upper
117 100
201 69.0 33.7 101.0





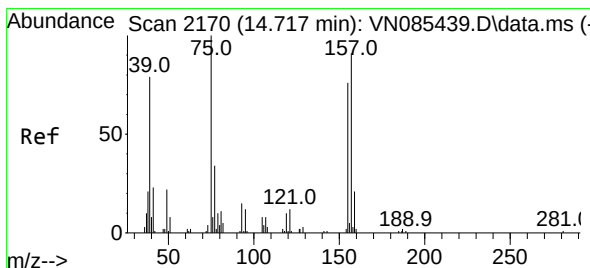
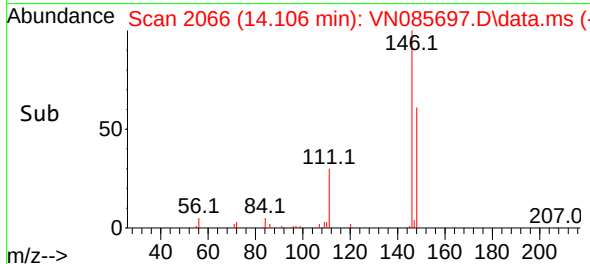
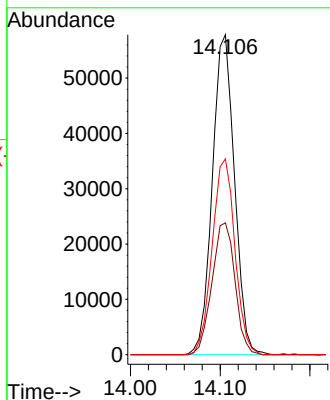
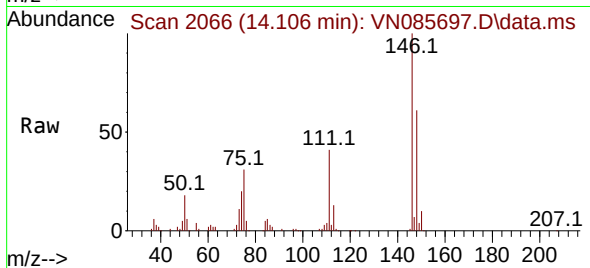
#91
1,2-Dichlorobenzene
Concen: 19.753 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01

Tgt Ion:146 Resp: 9910
Ion Ratio Lower Upper
146 100
111 42.9 21.7 65.1
148 62.9 31.4 94.2

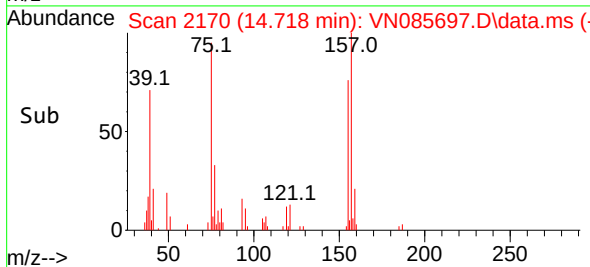
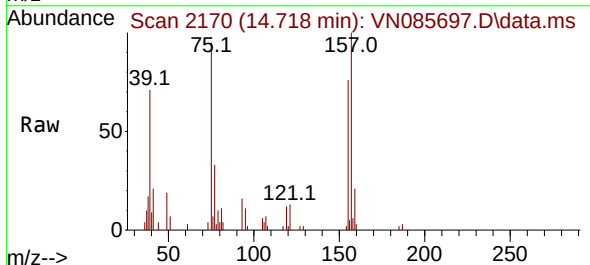
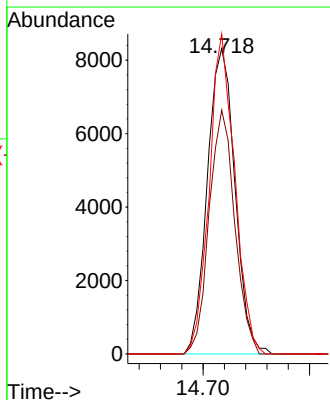
Manual Integrations
APPROVED

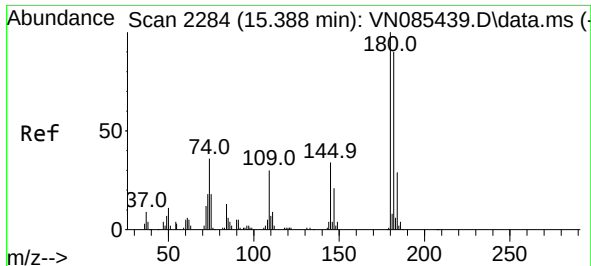
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.198 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

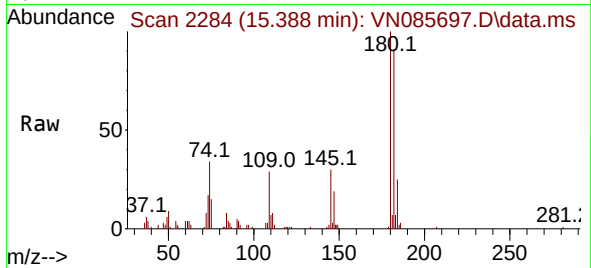
Tgt Ion: 75 Resp: 14969
Ion Ratio Lower Upper
75 100
155 74.1 36.4 109.2
157 96.5 45.4 136.1





#93
1,2,4-Trichlorobenzene
Concen: 18.308 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

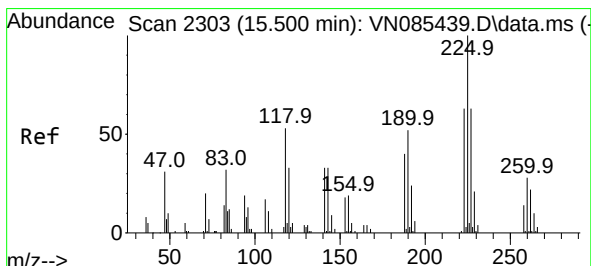
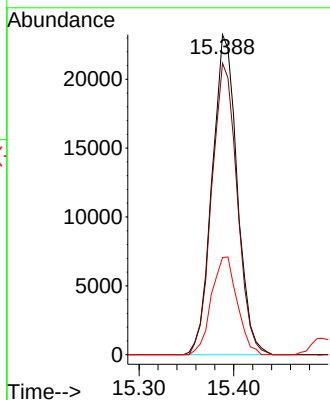
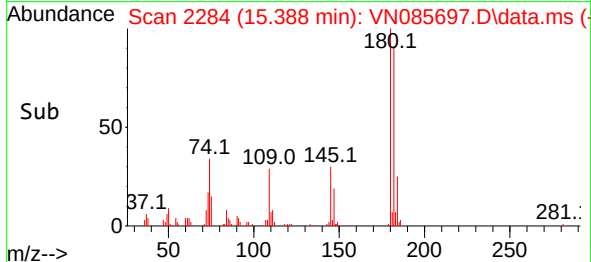
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01



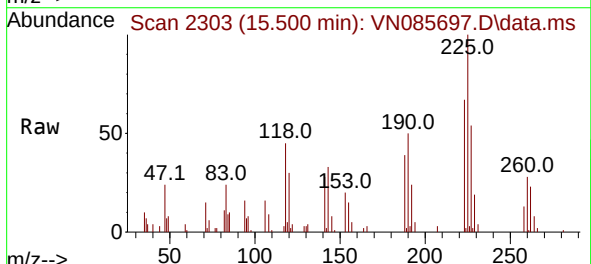
Tgt Ion:180 Resp: 4269
Ion Ratio Lower Upper
180 100
182 92.3 46.8 140.3
145 31.4 16.0 48.0

Manual Integrations
APPROVED

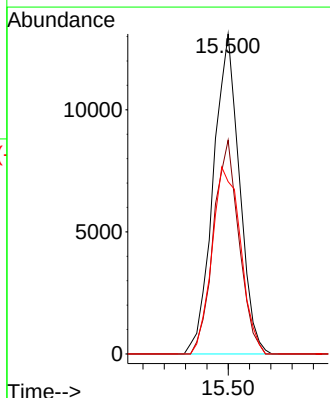
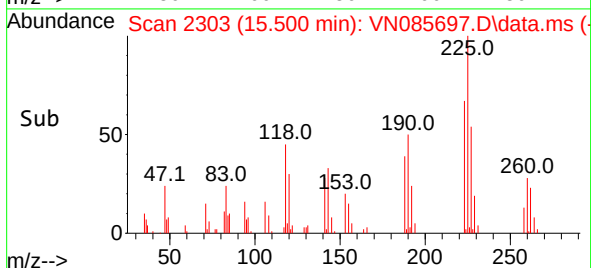
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

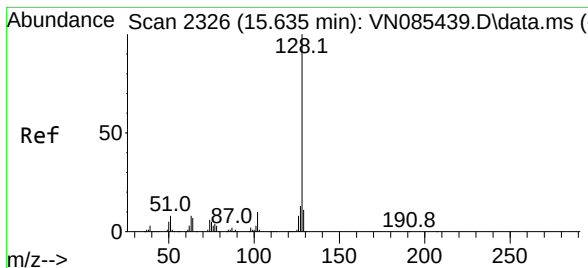


#94
Hexachlorobutadiene
Concen: 18.014 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29



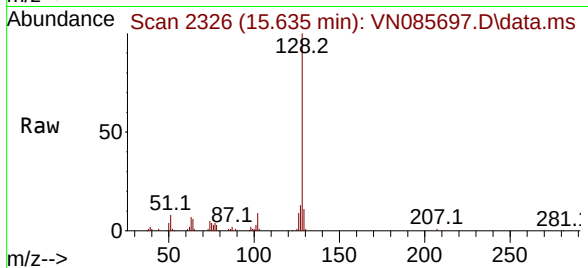
Tgt Ion:225 Resp: 22302
Ion Ratio Lower Upper
225 100
223 65.2 30.7 92.1
227 64.1 30.9 92.5





#95
Naphthalene
Concen: 17.409 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29

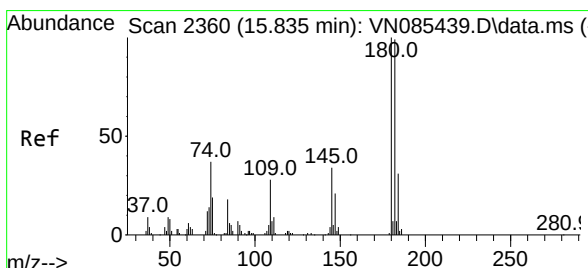
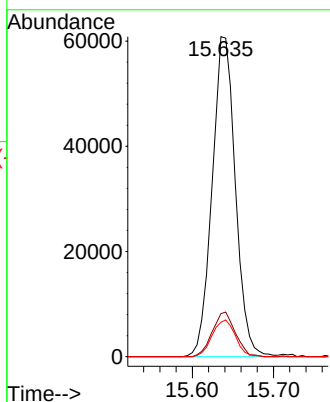
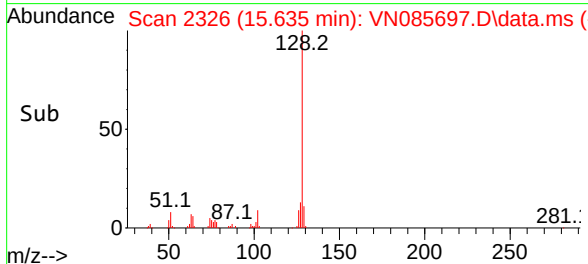
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBSD01



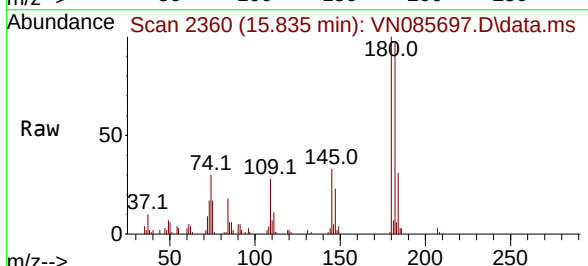
Tgt Ion:128 Resp: 121135
Ion Ratio Lower Upper
128 100
127 13.9 10.6 16.0
129 11.5 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 17.723 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085697.D
Acq: 07 Feb 2025 15:29



Tgt Ion:180 Resp: 41818
Ion Ratio Lower Upper
180 100
182 98.3 47.4 142.2
145 35.1 16.9 50.7

