

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086478.D
 Acq On : 05 May 2025 11:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2025
 Supervised By : Mahesh Dadoda 05/06/2025

Quant Time: May 06 01:43:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	154484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	297307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	133852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126143	56.310	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.620%			
35) Dibromofluoromethane	8.165	113	78358	56.788	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.580%			
50) Toluene-d8	10.565	98	380448	51.589	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.180%			
62) 4-Bromofluorobenzene	12.847	95	142048	52.810	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	82797	45.212	ug/l	97
3) Chloromethane	2.359	50	124341	46.718	ug/l	97
4) Vinyl Chloride	2.512	62	117200	46.145	ug/l	99
5) Bromomethane	2.953	94	71282	62.395	ug/l	99
6) Chloroethane	3.118	64	80740	47.499	ug/l	99
7) Trichlorofluoromethane	3.495	101	134221	47.709	ug/l	98
8) Diethyl Ether	3.953	74	64966	52.896	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	83015	48.778	ug/l	99
10) Methyl Iodide	4.589	142	114063	60.961	ug/l	100
11) Tert butyl alcohol	5.518	59	108474	265.389	ug/l	99
12) 1,1-Dichloroethene	4.342	96	86114	47.361	ug/l	98
13) Acrolein	4.177	56	68891	368.613	ug/l	96
14) Allyl chloride	5.024	41	142017	43.937	ug/l	94
15) Acrylonitrile	5.718	53	270801	268.011	ug/l	100
16) Acetone	4.424	43	215081	278.344	ug/l	99
17) Carbon Disulfide	4.712	76	236748	43.485	ug/l	98
18) Methyl Acetate	5.018	43	128186	47.670	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	364510	54.536	ug/l	99
20) Methylene Chloride	5.271	84	112578	54.360	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	97661	51.375	ug/l	97
22) Diisopropyl ether	6.671	45	363854	51.747	ug/l	98
23) Vinyl Acetate	6.600	43	1330427	270.668	ug/l	99
24) 1,1-Dichloroethane	6.571	63	194515	52.430	ug/l	100
25) 2-Butanone	7.477	43	362574	260.025	ug/l	98
26) 2,2-Dichloropropane	7.488	77	165135	49.713	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	128100	54.294	ug/l	95
28) Bromochloromethane	7.812	49	82364	52.359	ug/l	93
29) Tetrahydrofuran	7.835	42	240446	257.870	ug/l	97
30) Chloroform	7.965	83	201773	55.364	ug/l	98
31) Cyclohexane	8.253	56	154302	42.503	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	161979	51.955	ug/l	98
36) 1,1-Dichloropropene	8.371	75	132456	48.061	ug/l	99
37) Ethyl Acetate	7.559	43	144768	49.894	ug/l	100
38) Carbon Tetrachloride	8.359	117	131483	50.096	ug/l	97
39) Methylcyclohexane	9.600	83	146265	44.650	ug/l	99
40) Benzene	8.600	78	458081	51.877	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	87486	52.024	ug/l	98
42) 1,2-Dichloroethane	8.665	62	158498	56.287	ug/l	99
43) Isopropyl Acetate	8.682	43	281615	54.566	ug/l	100
44) Trichloroethene	9.347	130	110489	52.792	ug/l	97
45) 1,2-Dichloropropane	9.618	63	113518	52.519	ug/l	100
46) Dibromomethane	9.706	93	80677	58.582	ug/l	97
47) Bromodichloromethane	9.882	83	166167	55.865	ug/l	98
48) Methyl methacrylate	9.677	41	126557	49.669	ug/l	96
49) 1,4-Dioxane	9.694	88	46836	1080.631	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	783175	263.592	ug/l	98
52) Toluene	10.629	92	290954	52.807	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	186288	56.106	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	192540	52.796	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	113496	57.253	ug/l	95
56) Ethyl methacrylate	10.871	69	196399	53.899	ug/l	98
57) 1,3-Dichloropropane	11.159	76	197019	56.016	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	412328	238.408	ug/l	98
59) 2-Hexanone	11.194	43	576127	261.423	ug/l	99
60) Dibromochloromethane	11.359	129	126605	58.161	ug/l	98
61) 1,2-Dibromoethane	11.465	107	117011	58.498	ug/l	100
64) Tetrachloroethene	11.100	164	106562	50.118	ug/l	99
65) Chlorobenzene	11.888	112	324322	52.576	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	110992	54.541	ug/l	99
67) Ethyl Benzene	11.959	91	552537	49.637	ug/l	99
68) m/p-Xylenes	12.070	106	426898	102.350	ug/l	98
69) o-Xylene	12.394	106	211945	51.383	ug/l	99
70) Styrene	12.406	104	368683	53.644	ug/l	99
71) Bromoform	12.576	173	86154	56.230	ug/l #	98
73) Isopropylbenzene	12.694	105	503533	45.987	ug/l	99
74) N-amyl acetate	12.488	43	248033	45.503	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	158899	50.472	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	152035m	48.132	ug/l	
77) Bromobenzene	12.976	156	128740	53.065	ug/l	93
78) n-propylbenzene	13.035	91	597398	46.301	ug/l	100
79) 2-Chlorotoluene	13.123	91	388583	48.130	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	426330	47.572	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	68858	52.354	ug/l	87
82) 4-Chlorotoluene	13.217	91	394754	49.221	ug/l	99
83) tert-Butylbenzene	13.435	119	353792	45.561	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	445744	48.864	ug/l	99
85) sec-Butylbenzene	13.612	105	493958	45.861	ug/l	100
86) p-Isopropyltoluene	13.723	119	425158	47.890	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	239188	52.446	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	242338	52.755	ug/l	98
89) n-Butylbenzene	14.053	91	366963	46.633	ug/l	99
90) Hexachloroethane	14.329	117	69887	46.800	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	234928	53.131	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31129	49.038	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	113531	53.621	ug/l	99
94) Hexachlorobutadiene	15.494	225	36952	46.233	ug/l	100
95) Naphthalene	15.635	128	385090	51.308	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	107122	53.440	ug/l	99

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VSTDCCC050

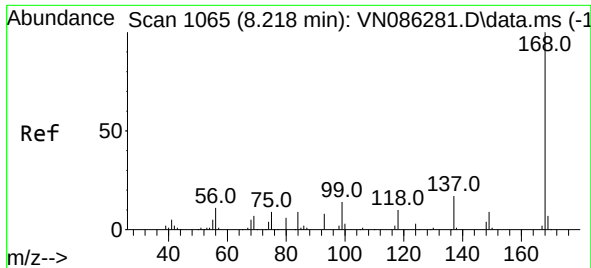
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 01:43:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

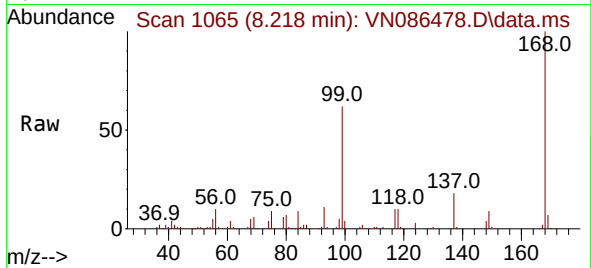
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086478.D
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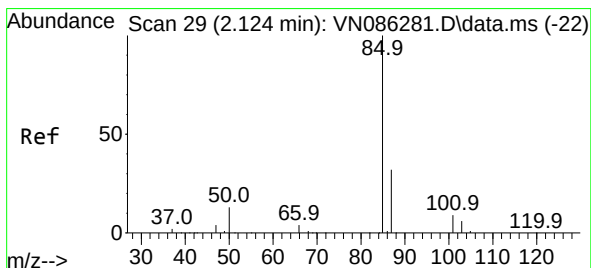
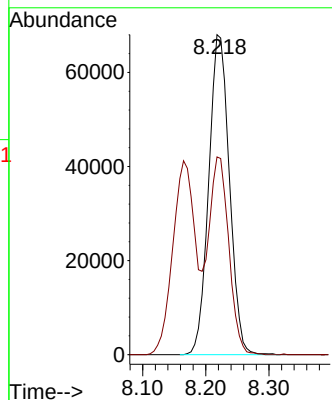
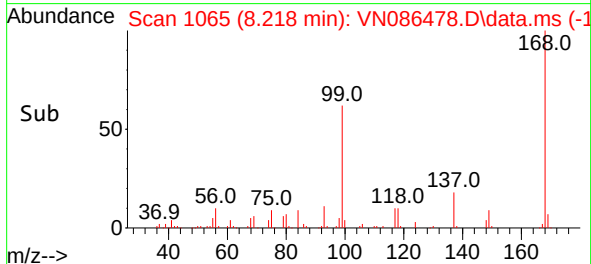
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 154484
Ion Ratio Lower Upper
168 100
99 61.8 52.5 78.7

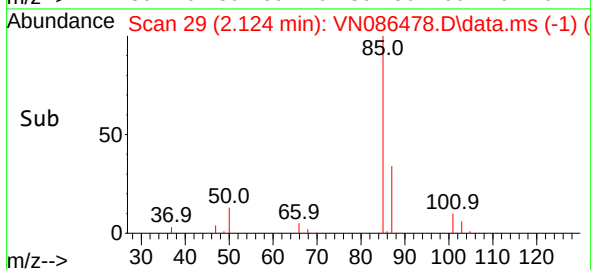
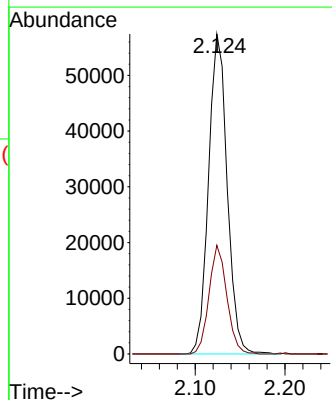
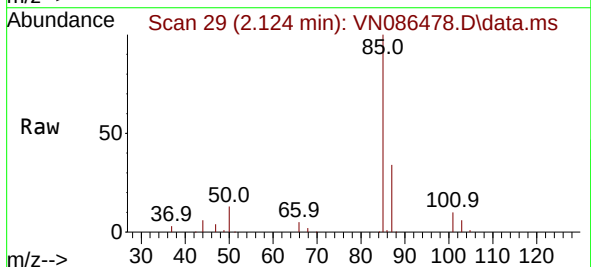
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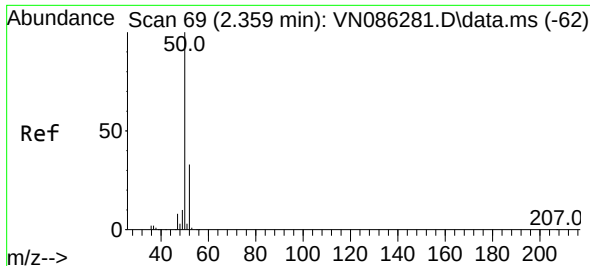
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#2
Dichlorodifluoromethane
Concen: 45.212 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

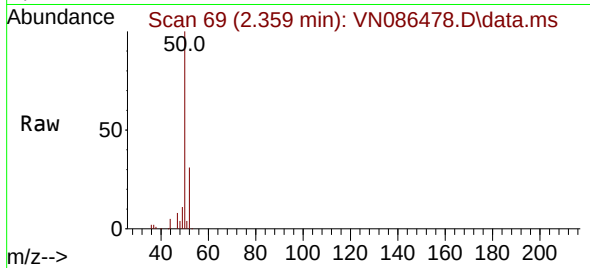
Tgt Ion: 85 Resp: 82797
Ion Ratio Lower Upper
85 100
87 33.9 16.3 48.8





#3
Chloromethane
Concen: 46.718 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

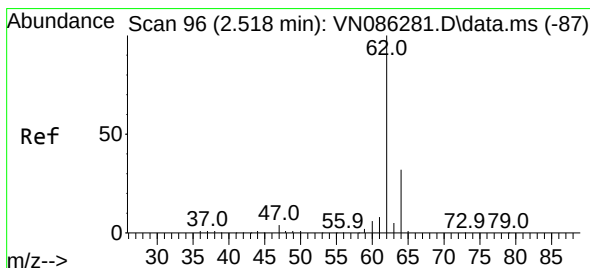
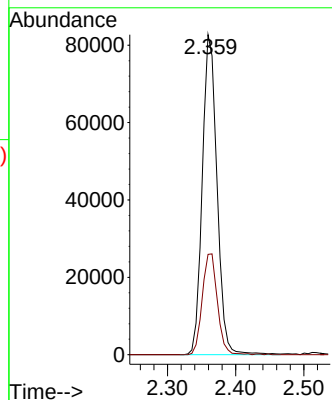
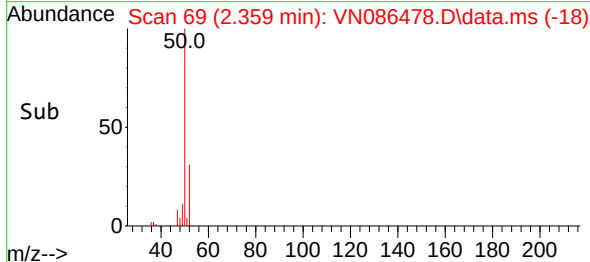
Instrument :
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Tgt Ion: 50 Resp: 12434
Ion Ratio Lower Upper
50 100
52 31.3 26.5 39.7

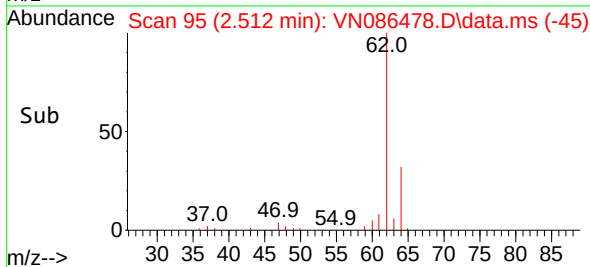
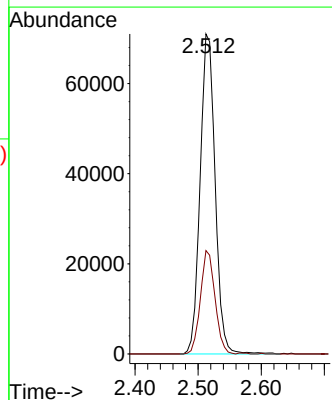
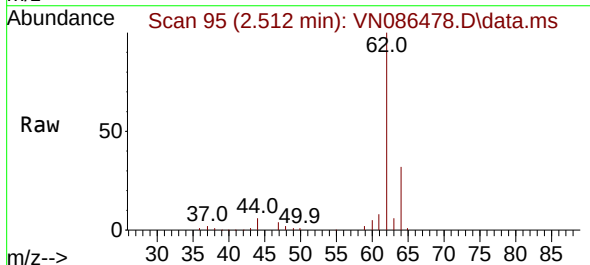
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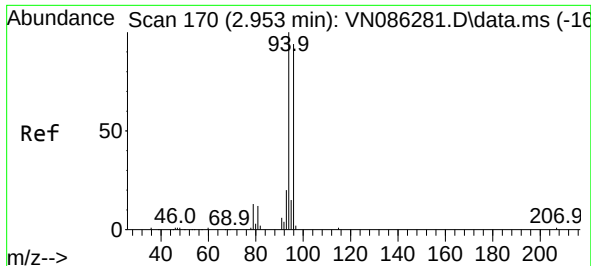
Reviewed By :John Carlone 05/06/2025
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#4
Vinyl Chloride
Concen: 46.145 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

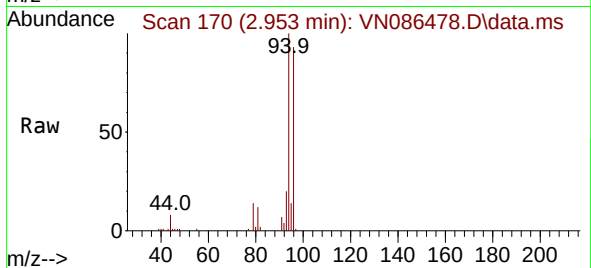
Tgt Ion: 62 Resp: 117200
Ion Ratio Lower Upper
62 100
64 32.3 25.6 38.4





#5
Bromomethane
Concen: 62.395 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

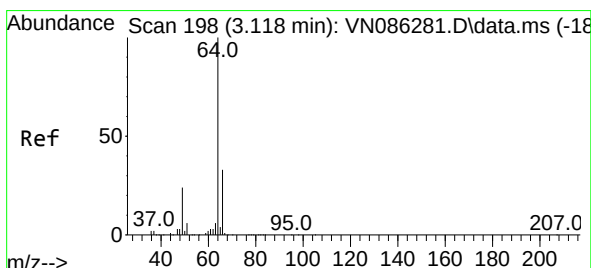
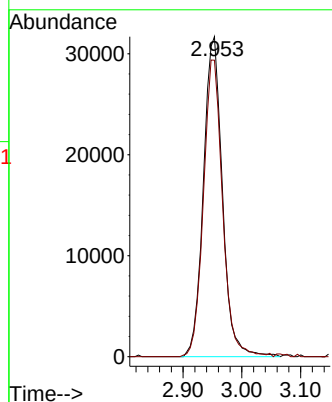
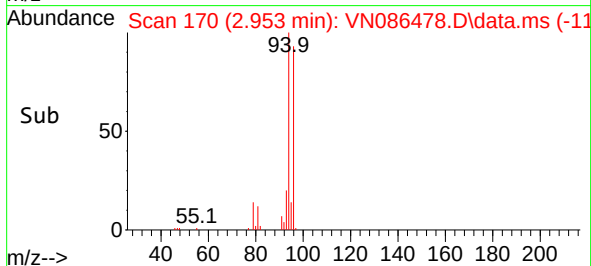
Instrument :
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Tgt Ion: 94 Resp: 7128
Ion Ratio Lower Upper
94 100
96 92.7 75.2 112.8

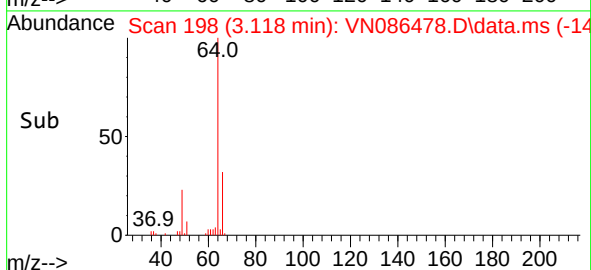
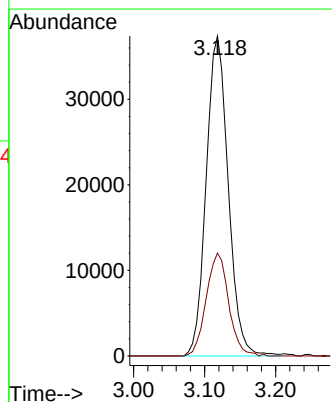
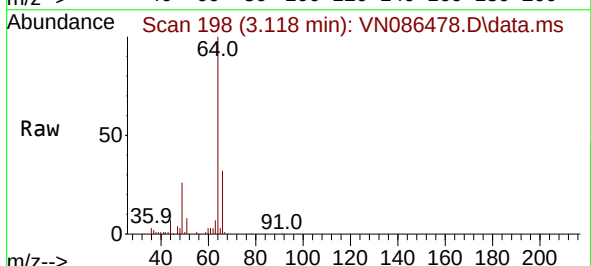
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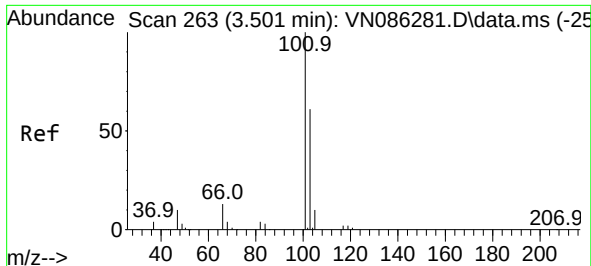
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#6
Chloroethane
Concen: 47.499 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

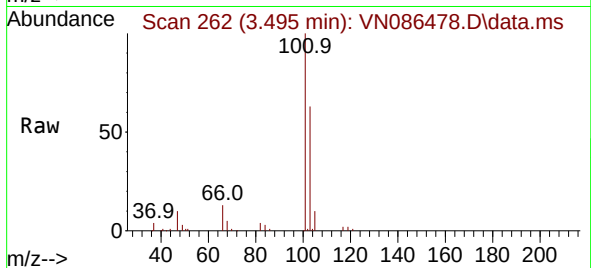
Tgt Ion: 64 Resp: 80740
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 47.709 ug/l
 RT: 3.495 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN086478.D
 Acq: 05 May 2025 11:32

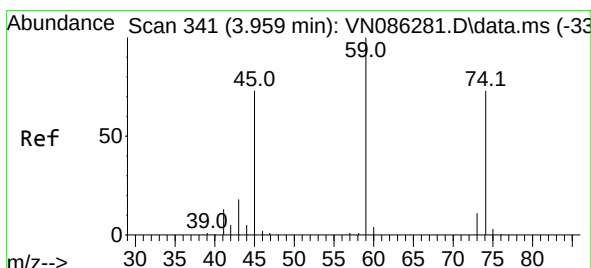
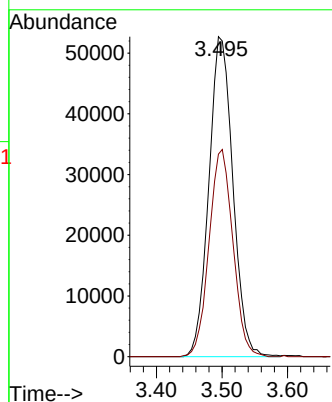
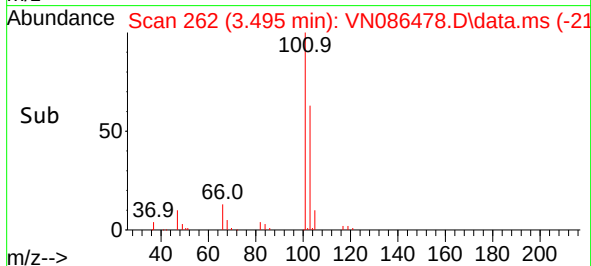
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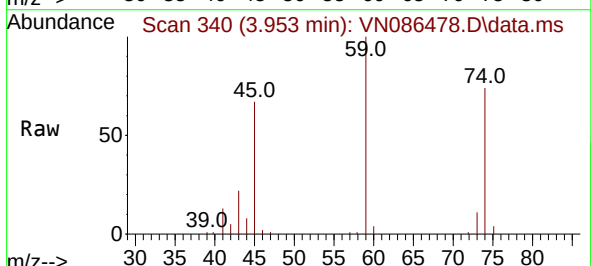
Tgt Ion:101 Resp: 13422
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.2 73.8

Manual Integrations
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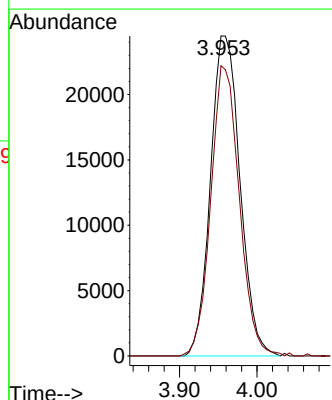
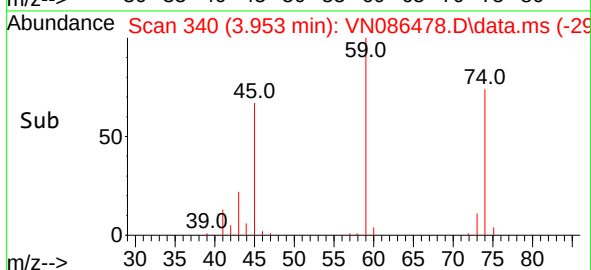
Reviewed By :John Carlone 05/06/2025
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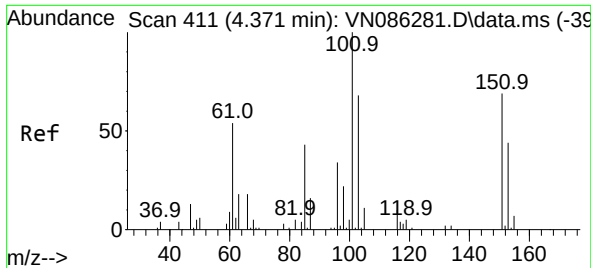


#8
 Diethyl Ether
 Concen: 52.896 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 64966
 Ion Ratio Lower Upper
 74 100
 45 87.5 48.0 144.2





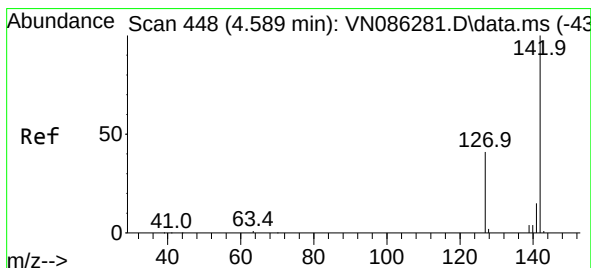
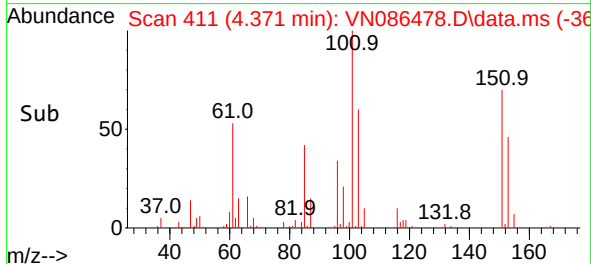
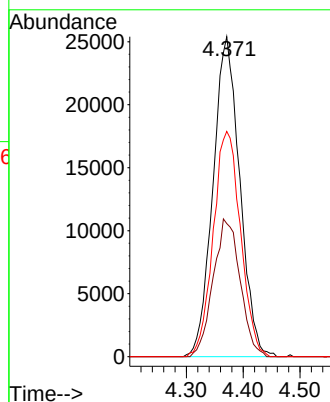
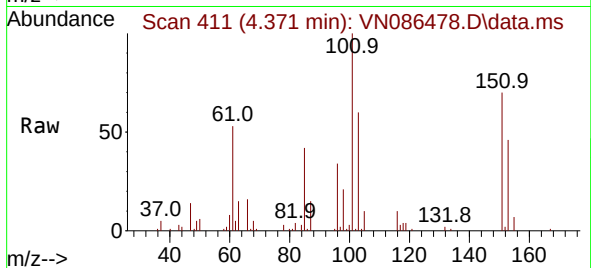
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.778 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086478.D
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VSTDCCC050

Tgt Ion:101 Resp: 8301
Ion Ratio Lower Upper
101 100
85 43.3 34.7 52.1
151 71.8 56.1 84.1

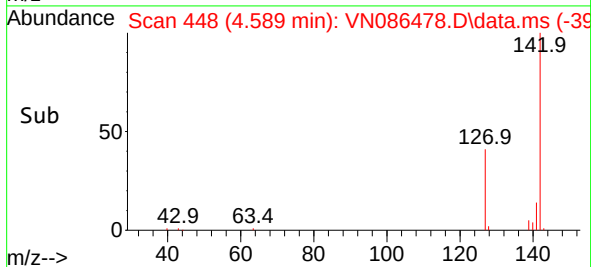
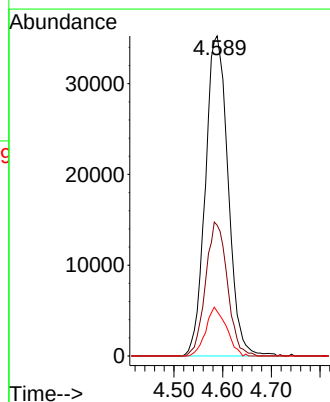
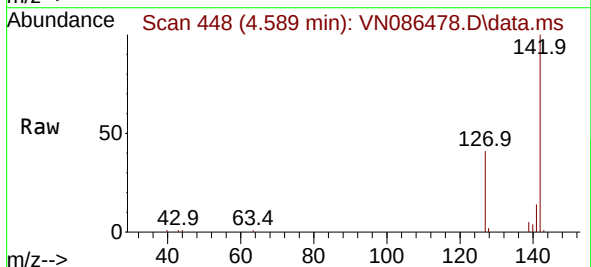
Manual Integrations
APPROVED

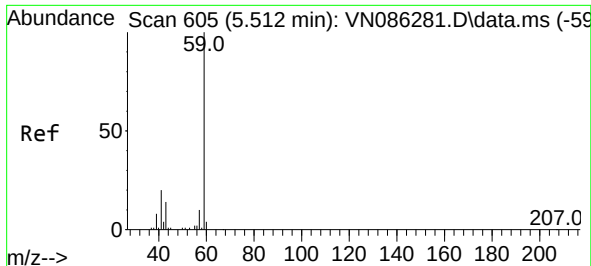
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#10
Methyl Iodide
Concen: 60.961 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

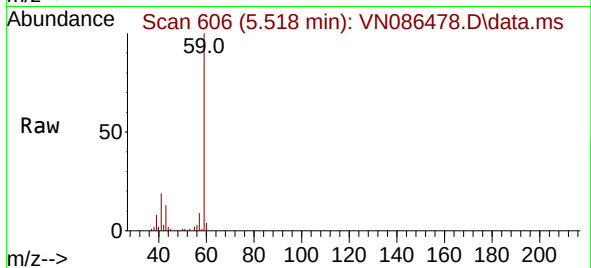
Tgt Ion:142 Resp: 114063
Ion Ratio Lower Upper
142 100
127 40.9 32.7 49.1
141 13.9 11.7 17.5





#11
Tert butyl alcohol
Concen: 265.389 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

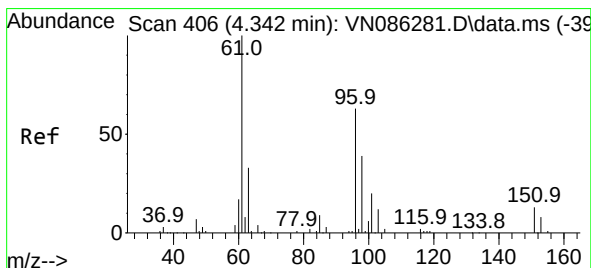
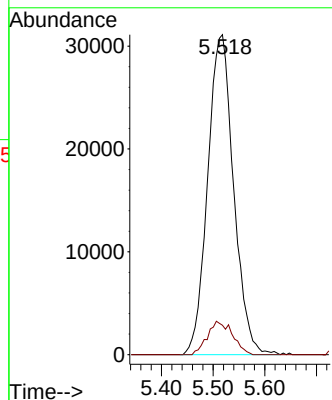
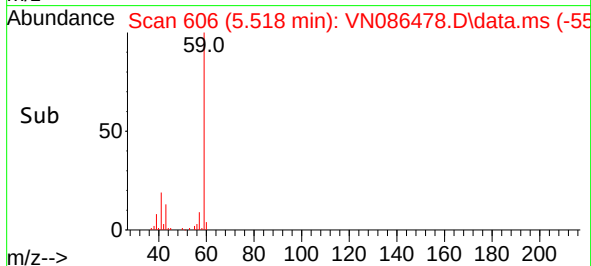
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



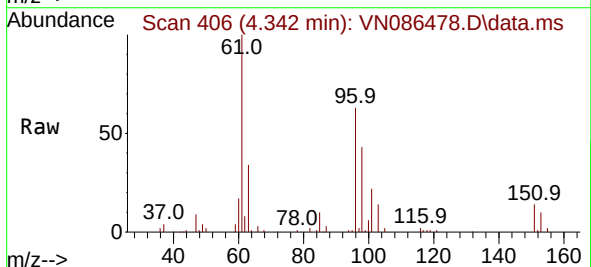
Tgt Ion: 59 Resp: 108474
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

Manual Integrations
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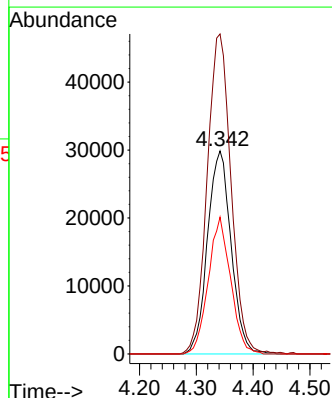
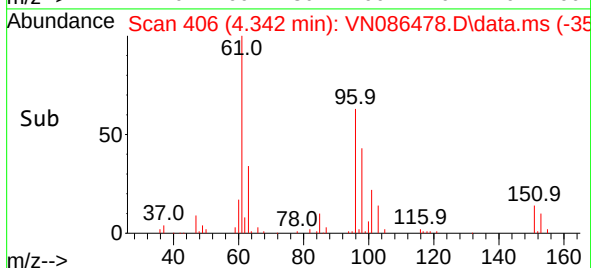
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

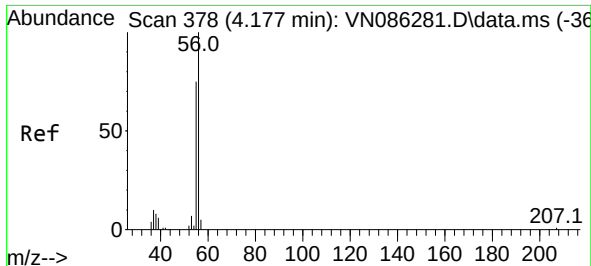


#12
1,1-Dichloroethene
Concen: 47.361 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



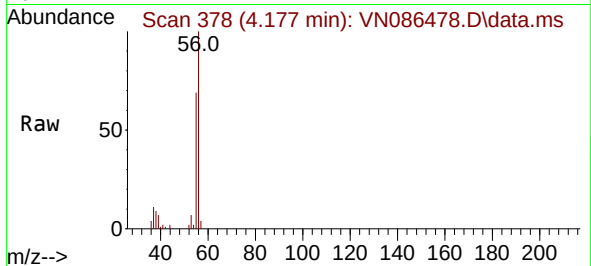
Tgt Ion: 96 Resp: 86114
Ion Ratio Lower Upper
96 100
61 157.6 126.6 189.8
98 67.4 49.6 74.4





#13
Acrolein
Concen: 368.613 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

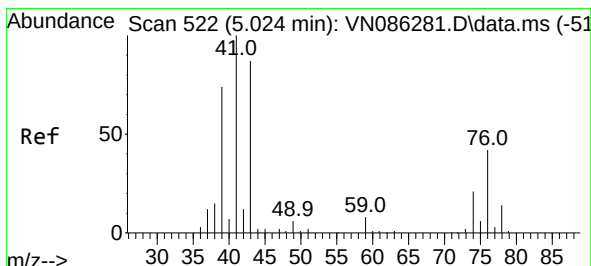
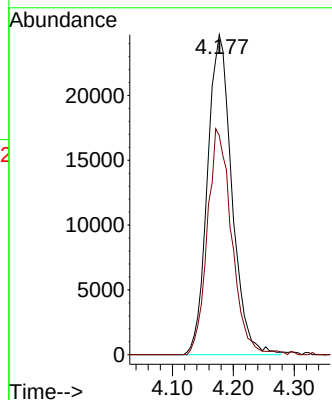
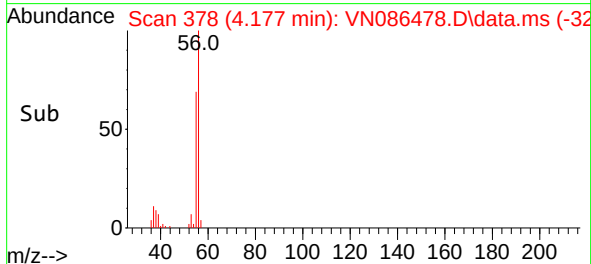
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



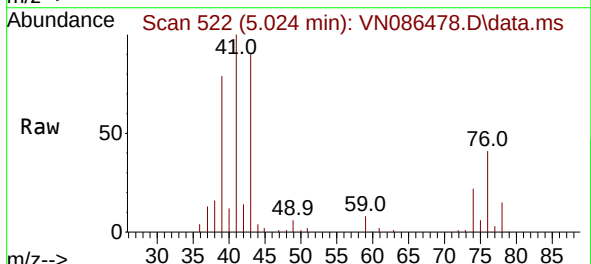
Tgt Ion: 56 Resp: 6889
Ion Ratio Lower Upper
56 100
55 69.9 58.5 87.7

Manual Integrations
APPROVED

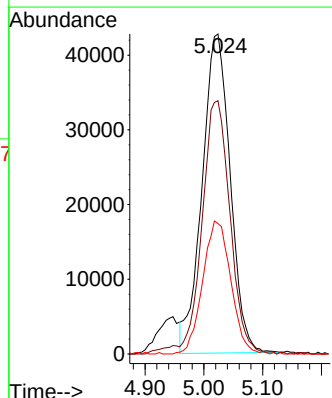
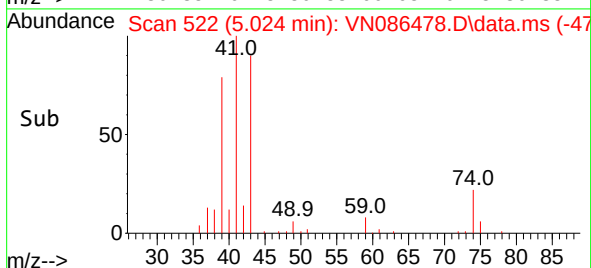
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

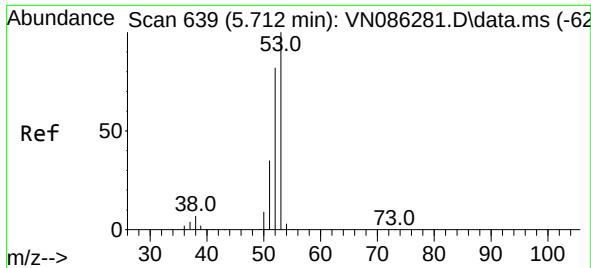


#14
Allyl chloride
Concen: 43.937 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



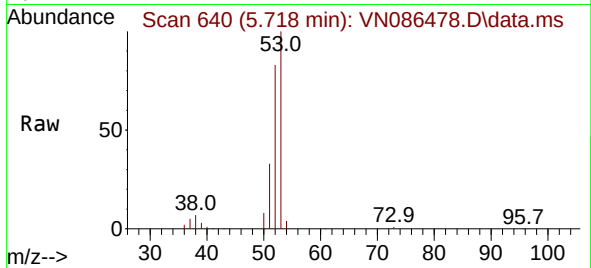
Tgt Ion: 41 Resp: 142017
Ion Ratio Lower Upper
41 100
39 79.8 59.2 88.8
76 41.6 31.2 46.8





#15
Acrylonitrile
Concen: 268.011 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

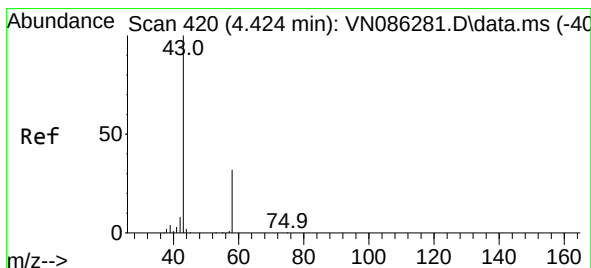
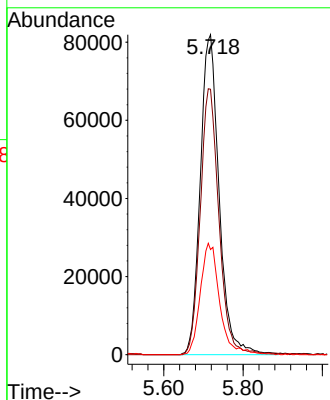
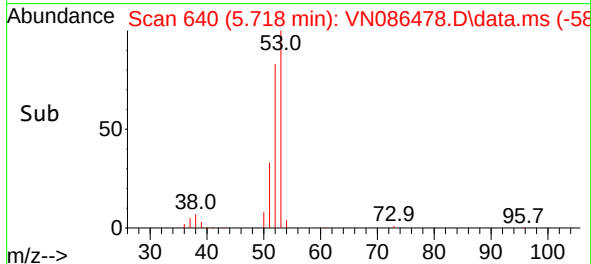
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 27080
Ion Ratio Lower Upper
53 100
52 81.9 65.5 98.3
51 35.8 28.6 42.8

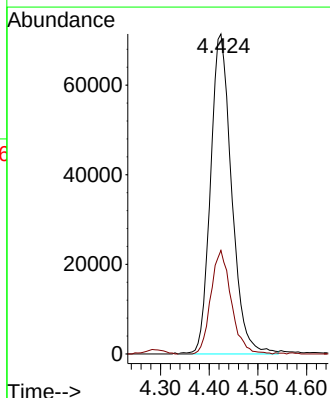
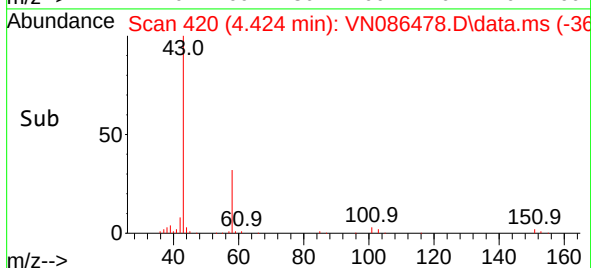
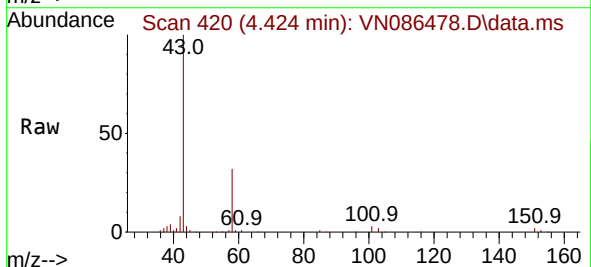
Manual Integrations
APPROVED

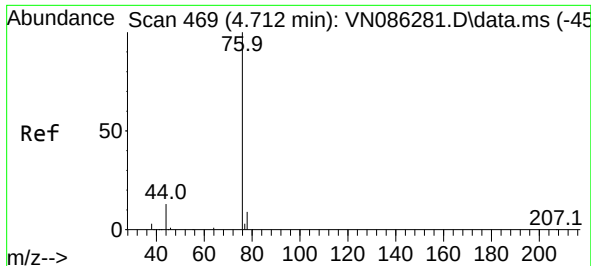
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#16
Acetone
Concen: 278.344 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

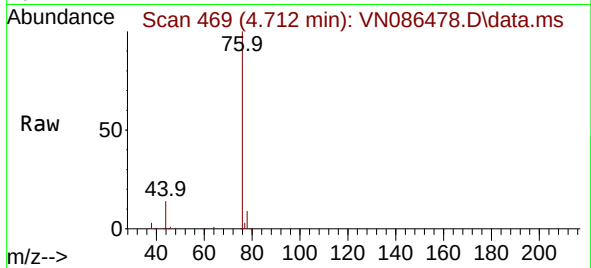
Tgt Ion: 43 Resp: 215081
Ion Ratio Lower Upper
43 100
58 32.4 25.3 37.9





#17
Carbon Disulfide
Concen: 43.485 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

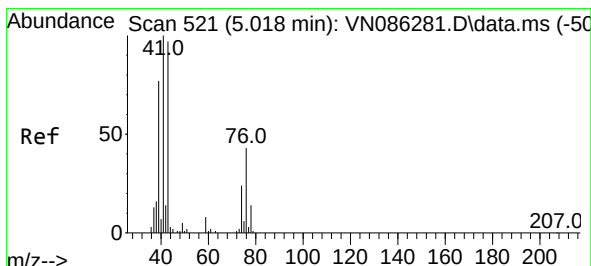
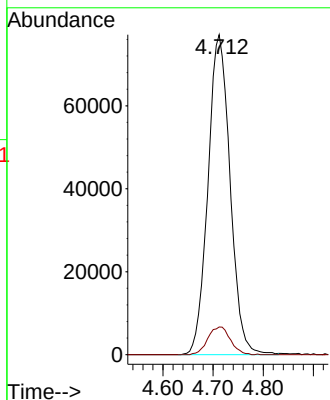
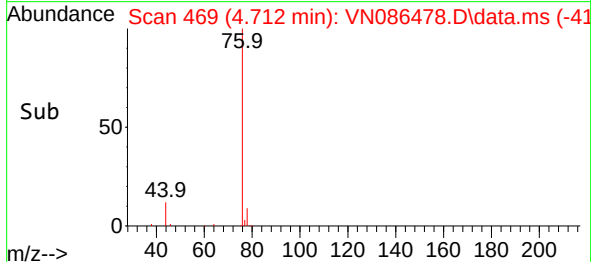
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



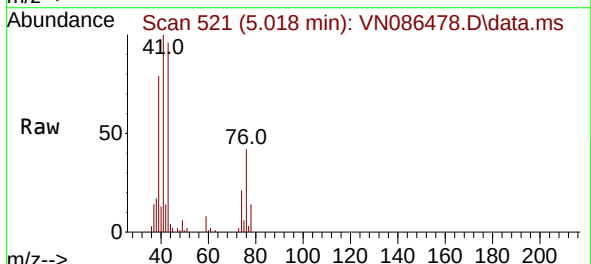
Tgt Ion: 76 Resp: 236748
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4

Manual Integrations
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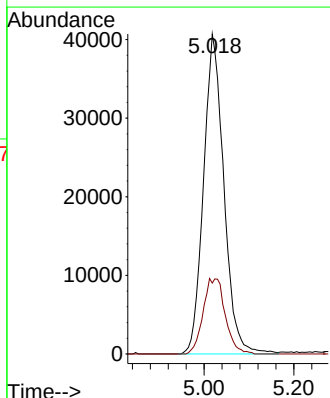
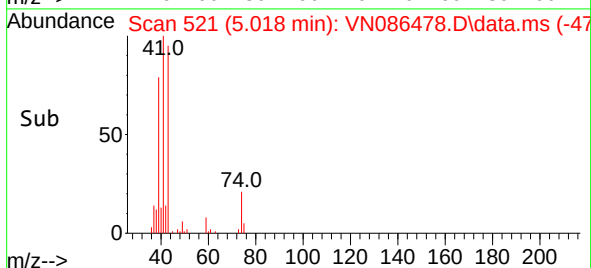
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

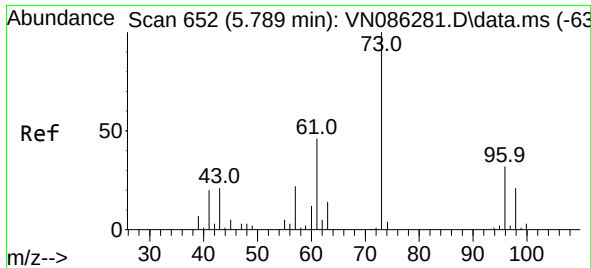


#18
Methyl Acetate
Concen: 47.670 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



Tgt Ion: 43 Resp: 128186
Ion Ratio Lower Upper
43 100
74 25.6 19.8 29.6





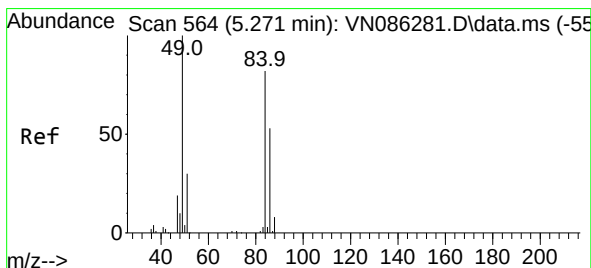
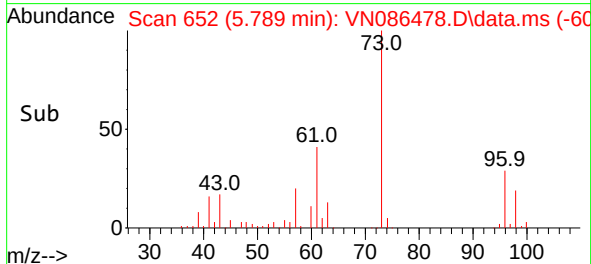
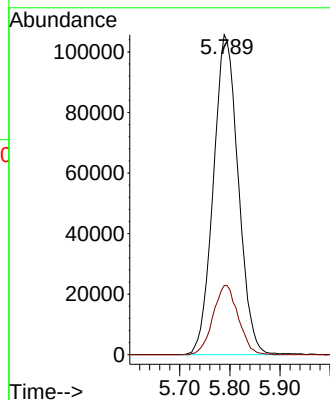
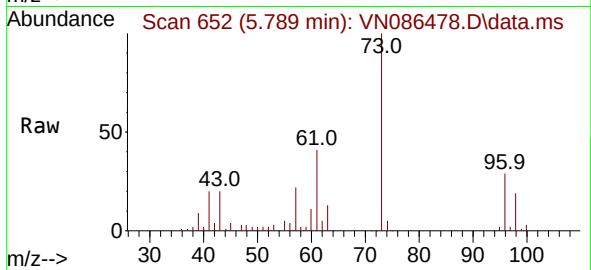
#19
Methyl tert-butyl Ether
Concen: 54.536 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 364510
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4

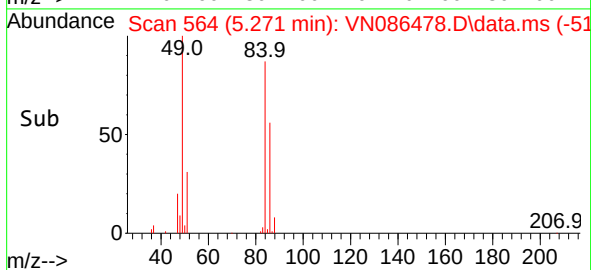
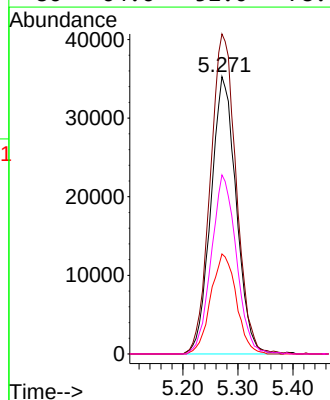
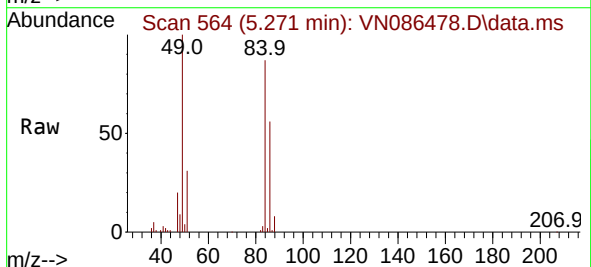
Manual Integrations
APPROVED

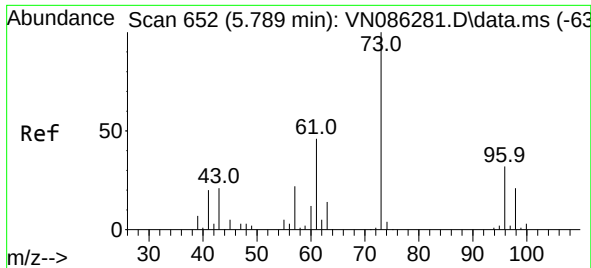
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#20
Methylene Chloride
Concen: 54.360 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 84 Resp: 112578
Ion Ratio Lower Upper
84 100
49 115.4 98.2 147.2
51 36.0 29.8 44.6
86 64.6 52.0 78.0





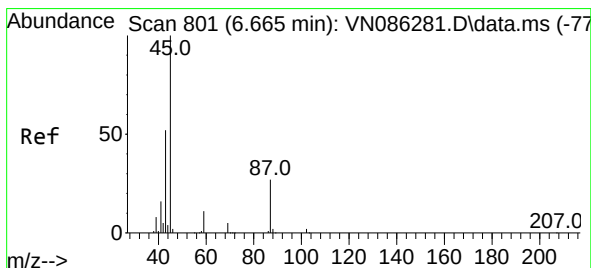
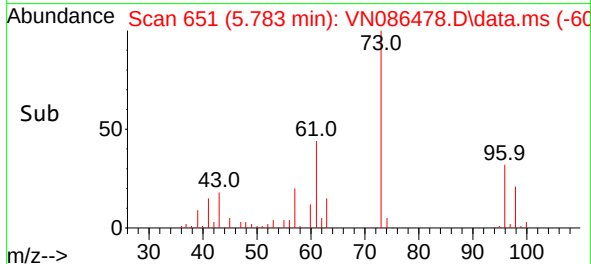
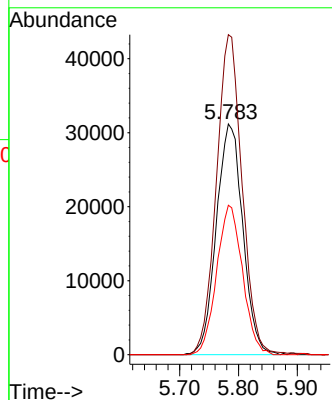
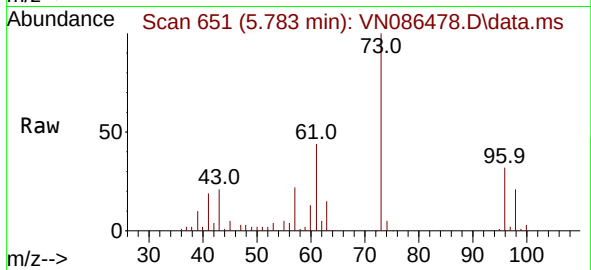
#21
trans-1,2-Dichloroethene
Concen: 51.375 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 9766
Ion Ratio Lower Upper
96 100
61 138.7 114.6 171.8
98 64.7 51.2 76.8

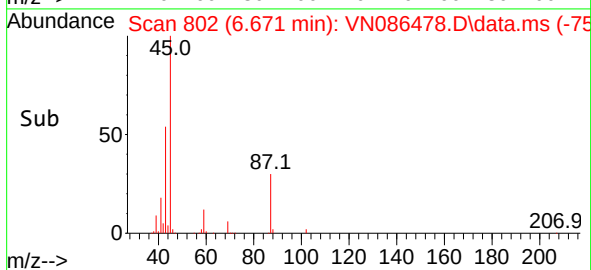
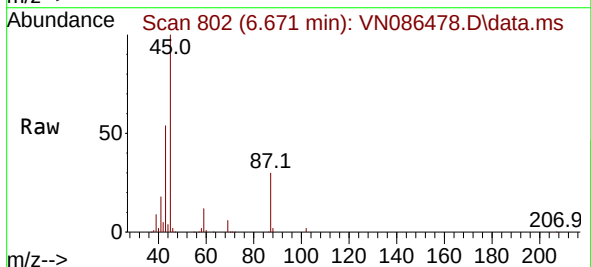
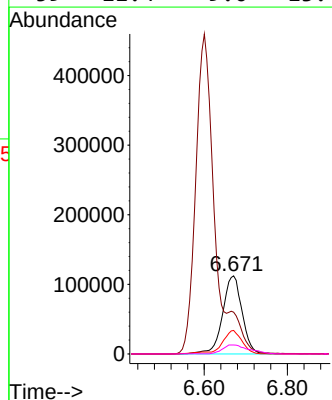
Manual Integrations
APPROVED

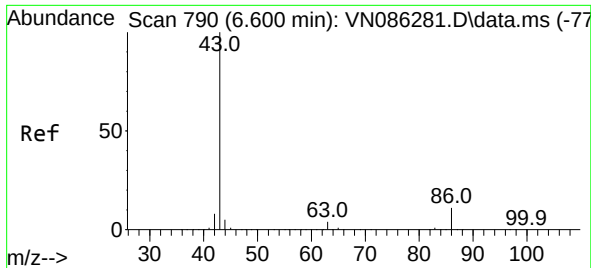
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#22
Diisopropyl ether
Concen: 51.747 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 45 Resp: 363854
Ion Ratio Lower Upper
45 100
43 52.9 41.8 62.8
87 30.2 21.6 32.4
59 11.4 9.0 13.4





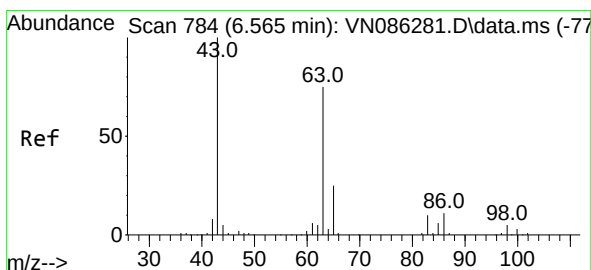
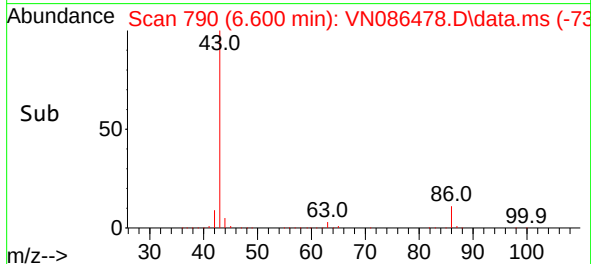
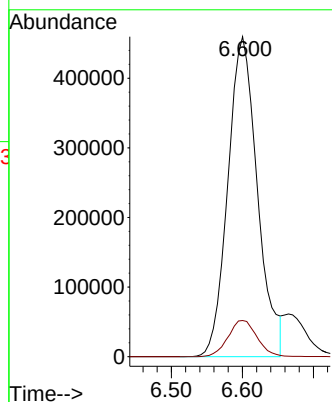
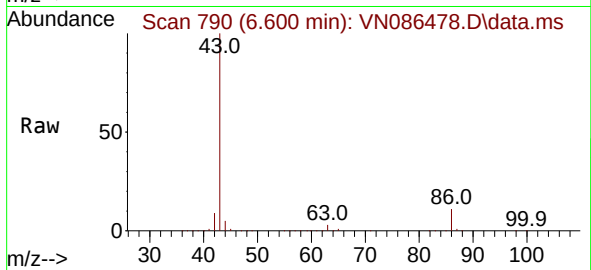
#23
 Vinyl Acetate
 Concen: 270.668 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086478.D
 Acq: 05 May 2025 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 133042
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 13.0

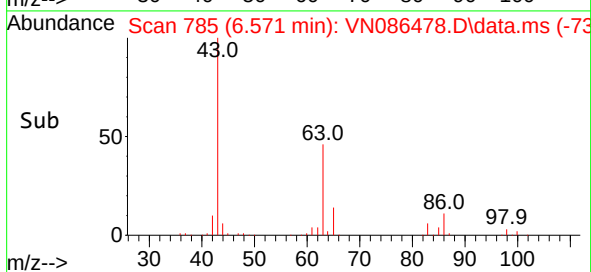
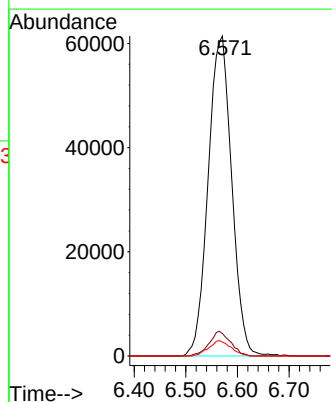
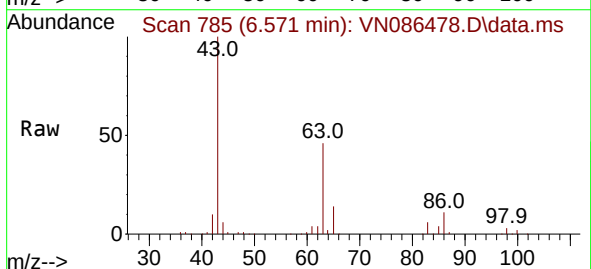
Manual Integrations
 APPROVED

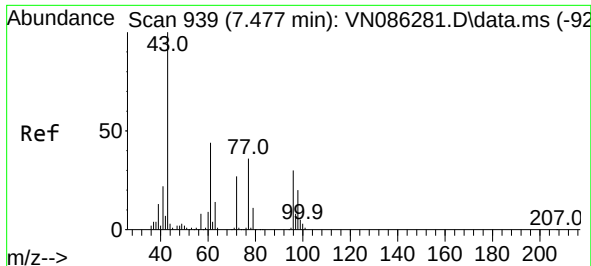
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025



#24
 1,1-Dichloroethane
 Concen: 52.430 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN086478.D
 Acq: 05 May 2025 11:32

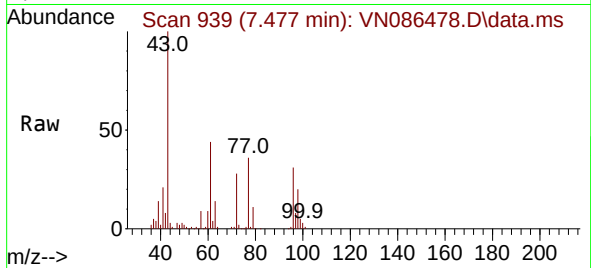
Tgt Ion: 63 Resp: 194515
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 260.025 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

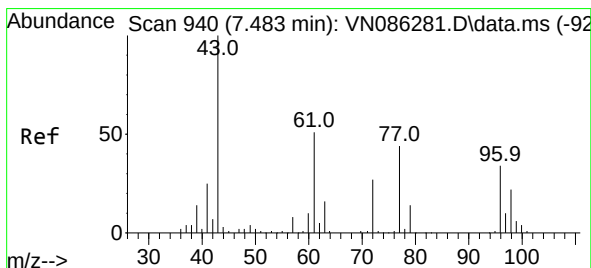
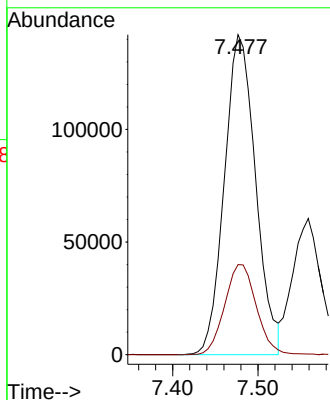
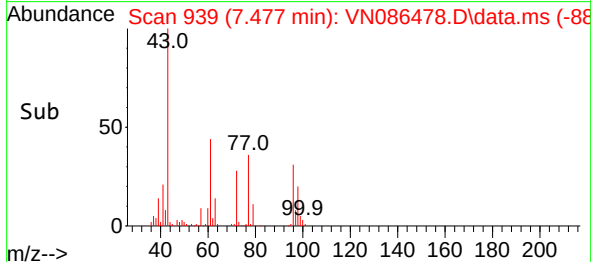
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



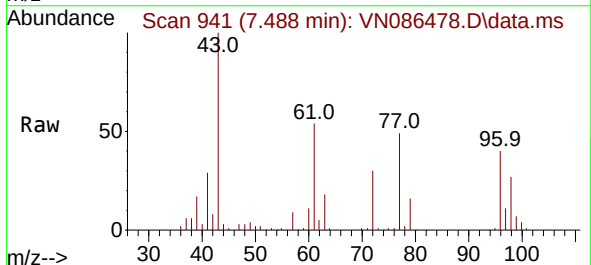
Tgt Ion: 43 Resp: 362574
Ion Ratio Lower Upper
43 100
72 28.1 21.7 32.5

Manual Integrations
APPROVED

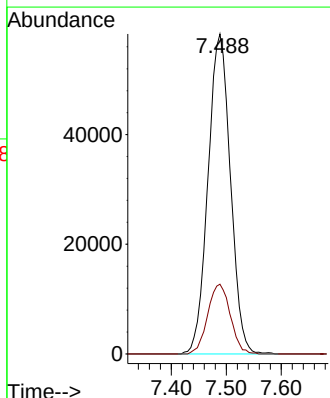
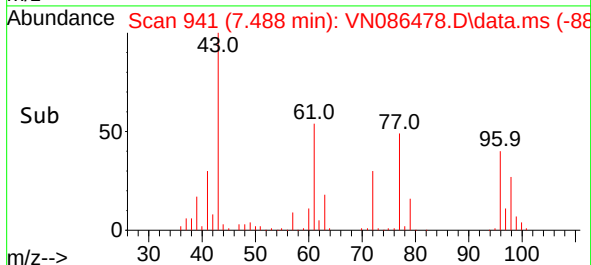
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

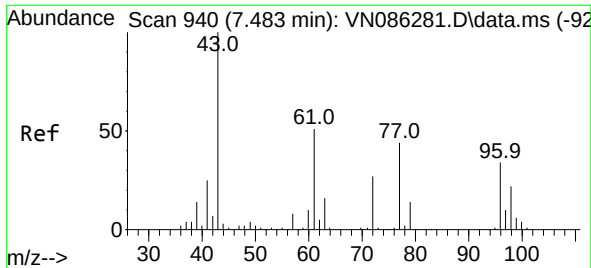


#26
2,2-Dichloropropane
Concen: 49.713 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



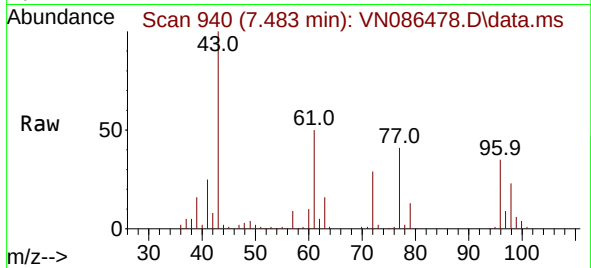
Tgt Ion: 77 Resp: 165135
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 54.294 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086478.D
 Acq: 05 May 2025 11:32

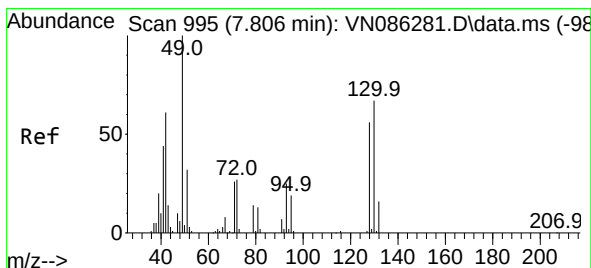
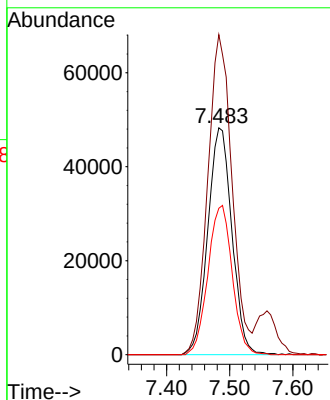
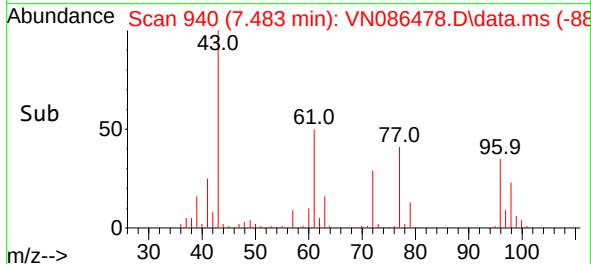
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



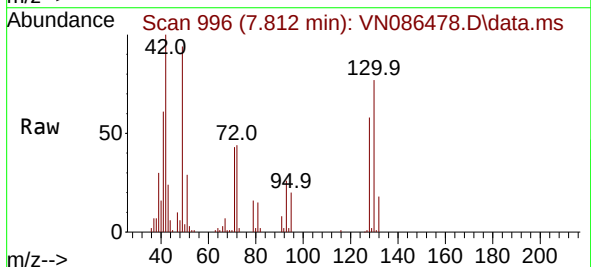
Tgt Ion: 96 Resp: 128100
 Ion Ratio Lower Upper
 96 100
 61 142.1 0.0 299.0
 98 66.1 0.0 129.6

Manual Integrations
 APPROVED

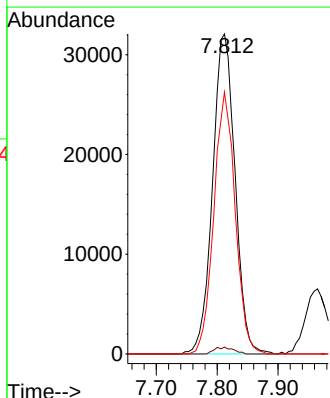
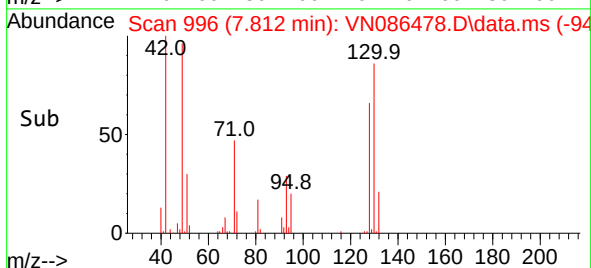
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025

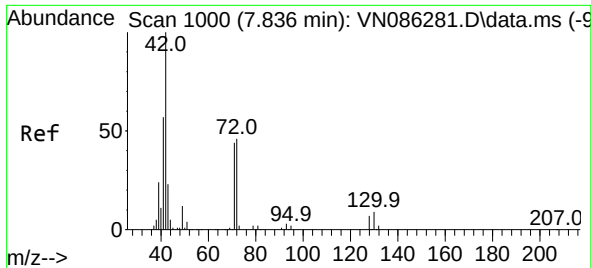


#28
 Bromochloromethane
 Concen: 52.359 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086478.D
 Acq: 05 May 2025 11:32



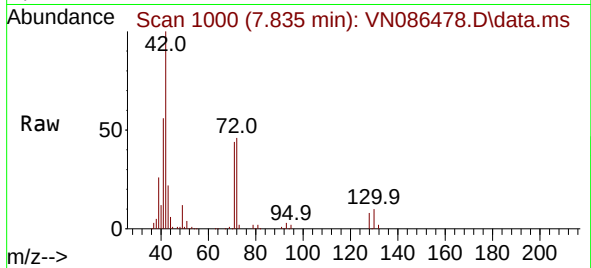
Tgt Ion: 49 Resp: 82364
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 77.7 57.1 85.7





#29
Tetrahydrofuran
Concen: 257.870 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

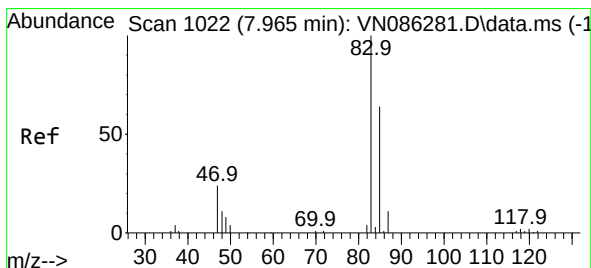
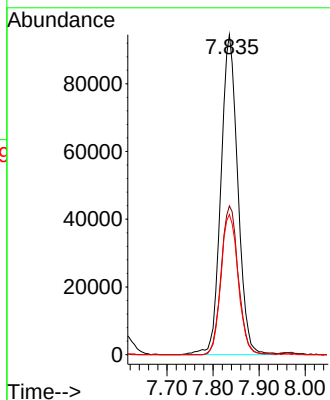
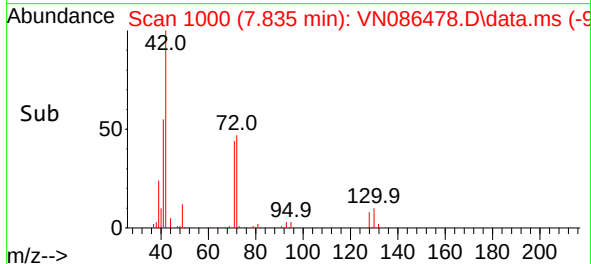
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 240440
Ion Ratio Lower Upper
42 100
72 47.0 36.2 54.4
71 44.6 34.0 51.0

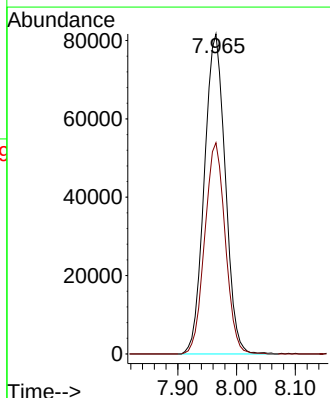
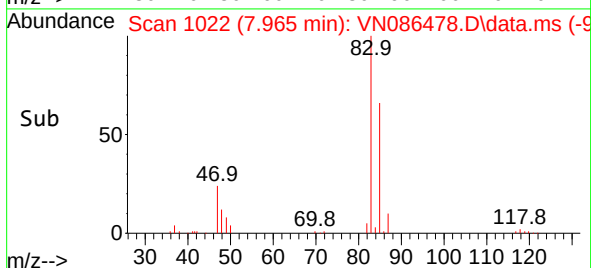
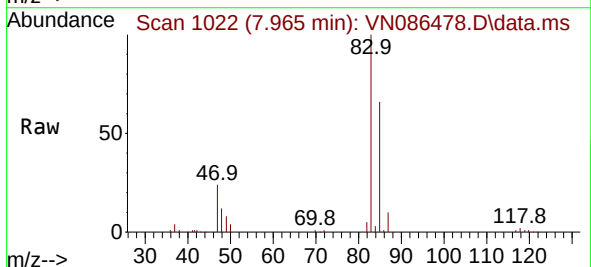
Manual Integrations
APPROVED

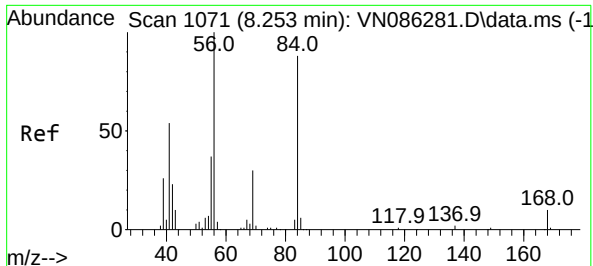
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#30
Chloroform
Concen: 55.364 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

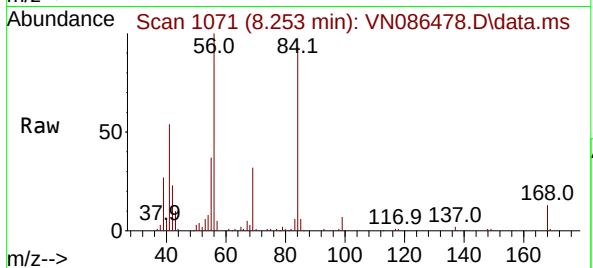
Tgt Ion: 83 Resp: 201773
Ion Ratio Lower Upper
83 100
85 66.0 51.5 77.3





#31
Cyclohexane
Concen: 42.503 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

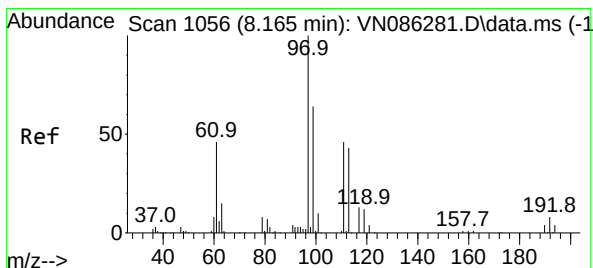
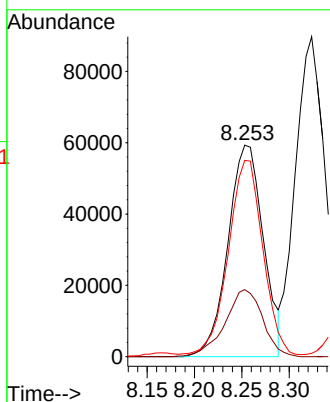
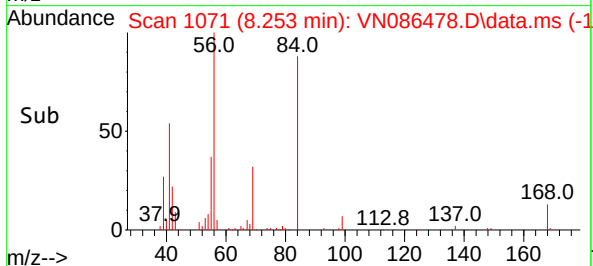
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



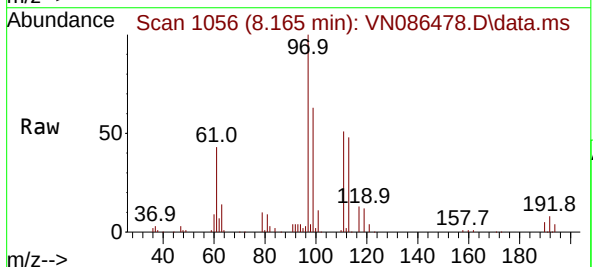
Tgt Ion: 56 Resp: 154302
Ion Ratio Lower Upper
56 100
69 31.4 24.2 36.2
84 91.7 70.3 105.5

Manual Integrations
APPROVED

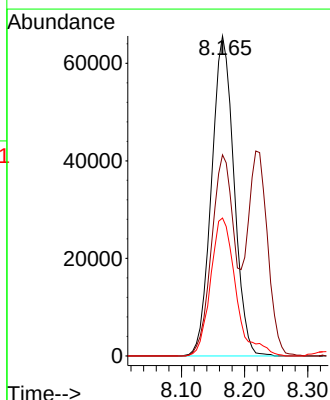
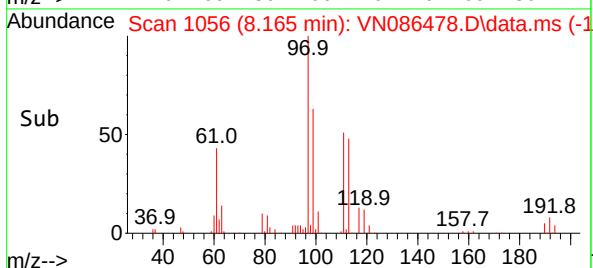
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

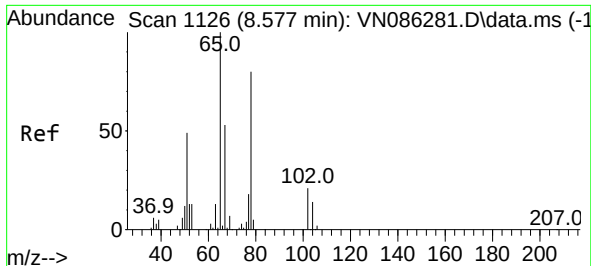


#32
1,1,1-Trichloroethane
Concen: 51.955 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



Tgt Ion: 97 Resp: 161979
Ion Ratio Lower Upper
97 100
99 64.4 52.7 79.1
61 48.5 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 56.310 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086478.D

Acq: 05 May 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 12614

Ion Ratio Lower Upper

65 100

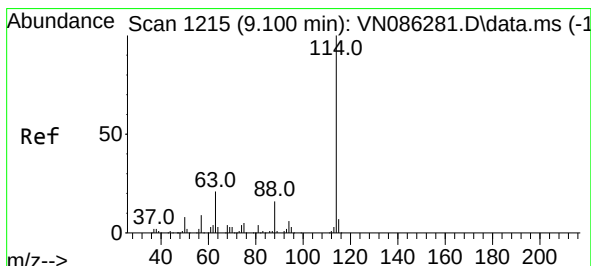
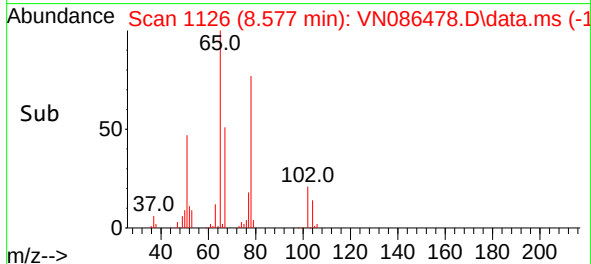
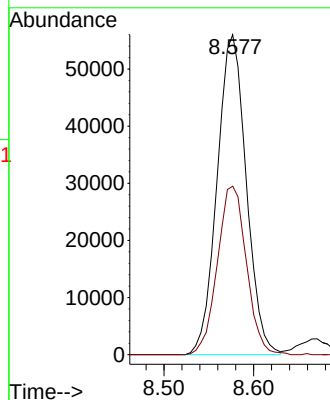
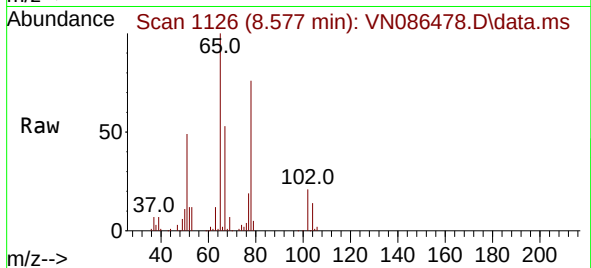
67 52.6 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086478.D

Acq: 05 May 2025 11:32

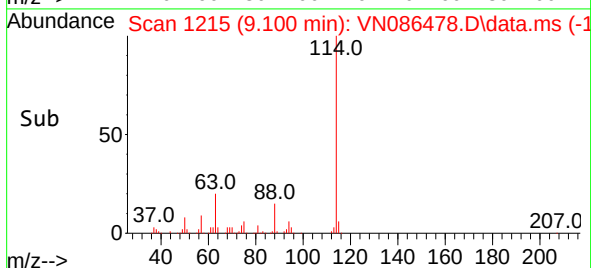
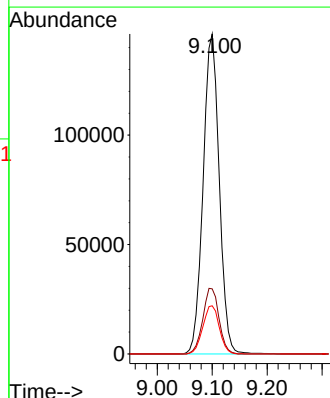
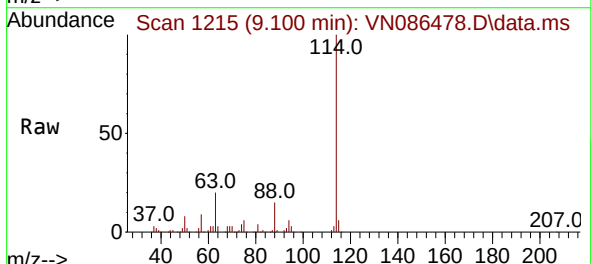
Tgt Ion:114 Resp: 297307

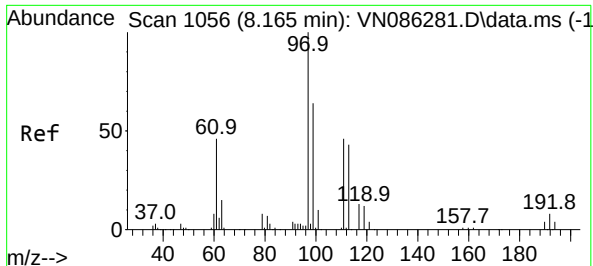
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

88 15.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 56.788 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086478.D

Acq: 05 May 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 7835

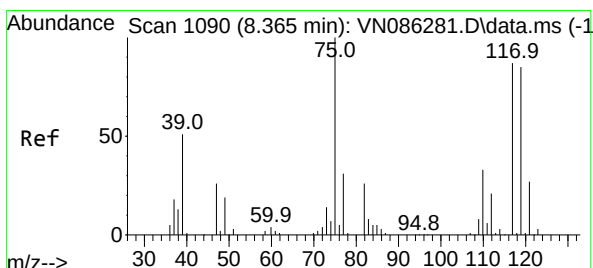
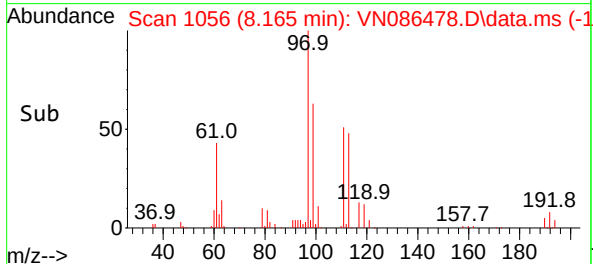
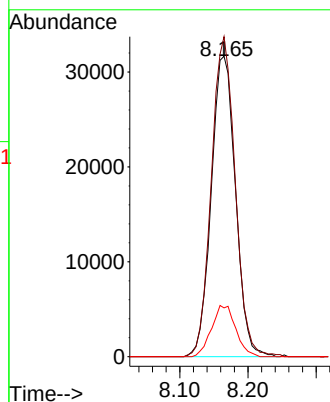
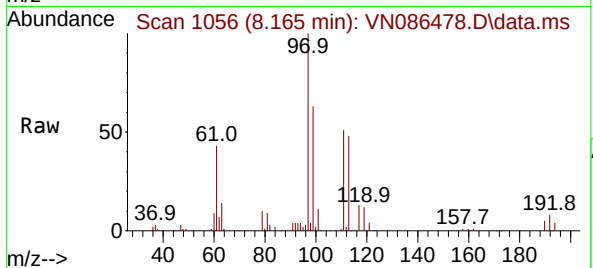
Ion	Ratio	Lower	Upper
113	100		
111	104.6	83.4	125.0
192	17.0	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#36

1,1-Dichloropropene

Concen: 48.061 ug/l

RT: 8.371 min Scan# 1091

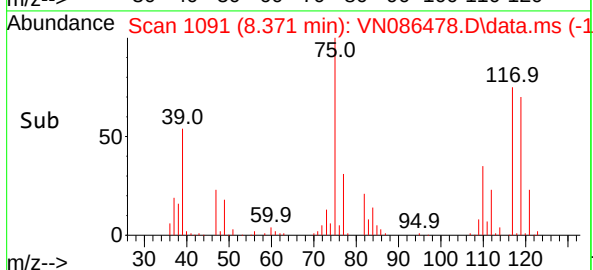
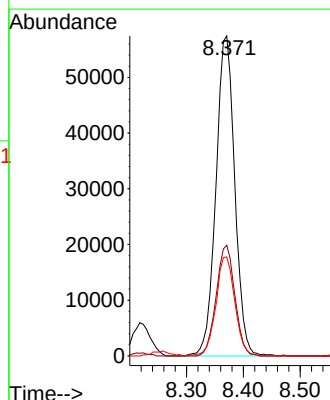
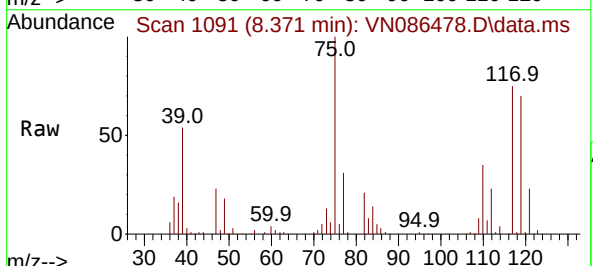
Delta R.T. 0.006 min

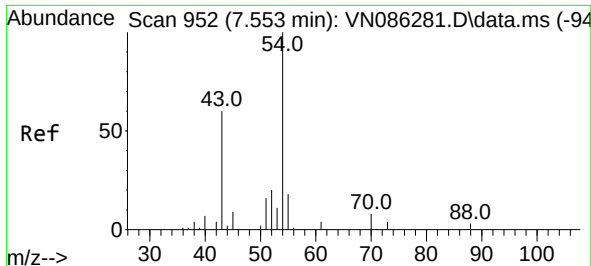
Lab File: VN086478.D

Acq: 05 May 2025 11:32

Tgt Ion: 75 Resp: 132456

Ion	Ratio	Lower	Upper
75	100		
110	34.1	16.8	50.4
77	31.2	24.9	37.3





#37

Ethyl Acetate

Concen: 49.894 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN086478.D

Acq: 05 May 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 144768

Ion Ratio Lower Upper

43 100

61 14.0 11.1 16.7

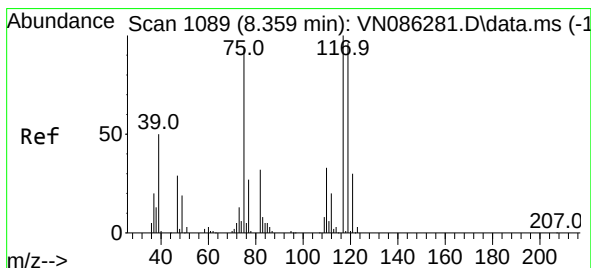
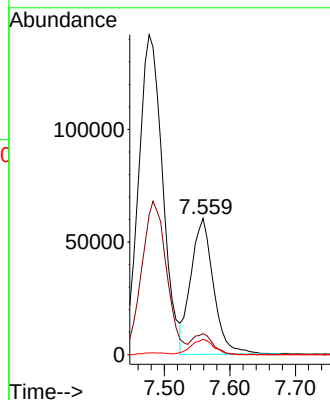
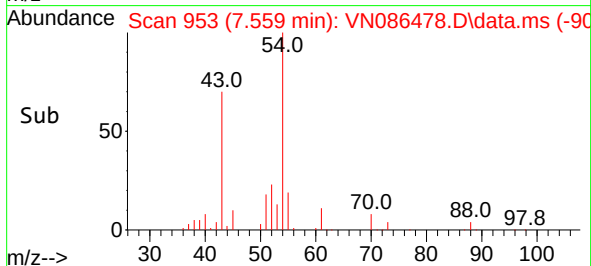
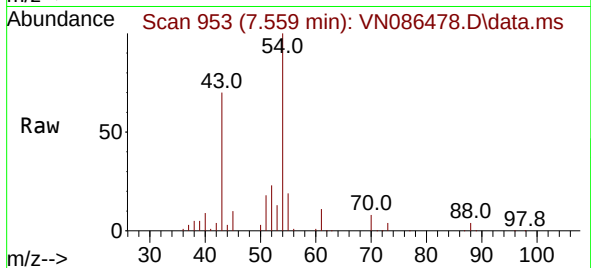
70 11.4 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#38

Carbon Tetrachloride

Concen: 50.096 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN086478.D

Acq: 05 May 2025 11:32

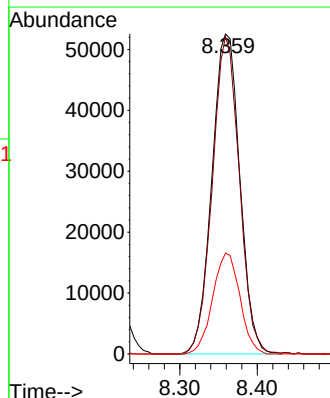
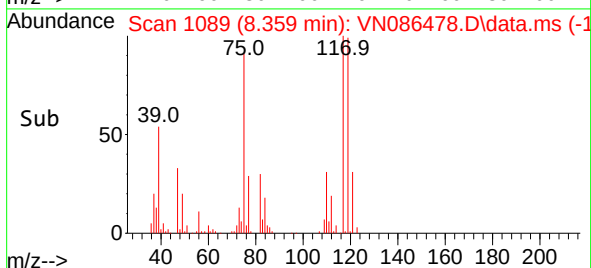
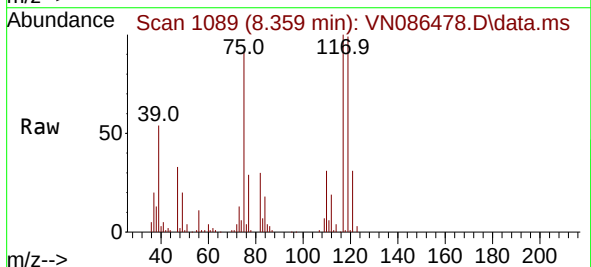
Tgt Ion:117 Resp: 131483

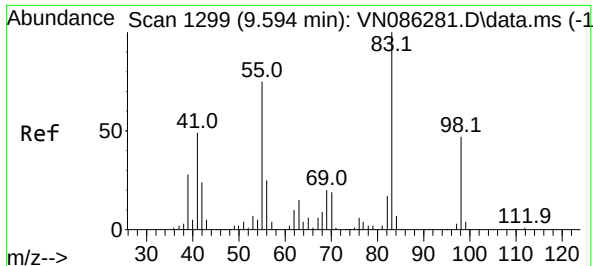
Ion Ratio Lower Upper

117 100

119 99.2 76.8 115.2

121 31.5 23.8 35.8





#39

Methylcyclohexane

Concen: 44.650 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086478.D

Acq: 05 May 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 14626

Ion Ratio Lower Upper

83 100

55 73.5 59.8 89.8

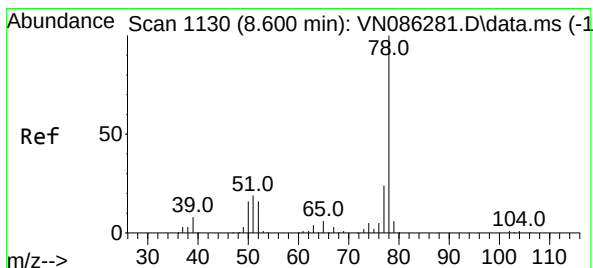
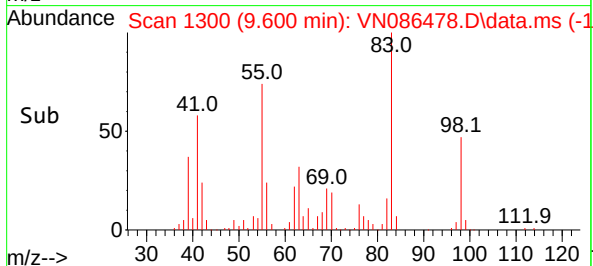
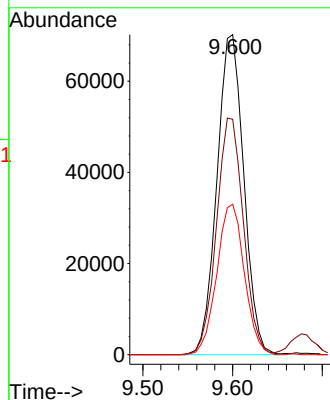
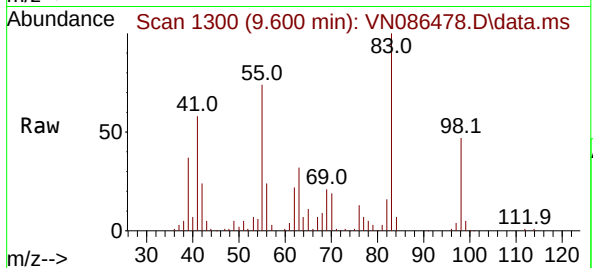
98 47.0 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#40

Benzene

Concen: 51.877 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086478.D

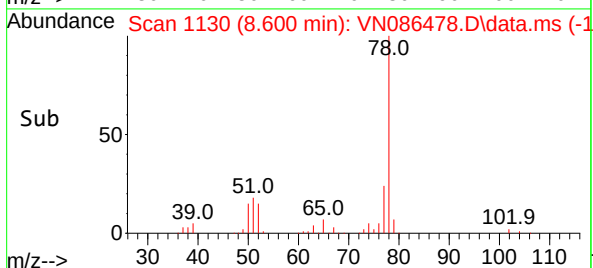
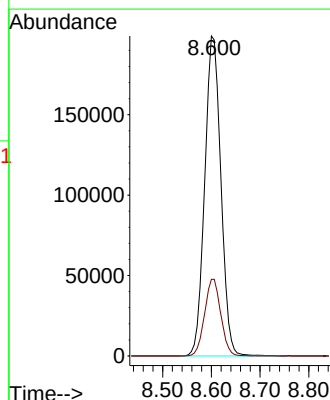
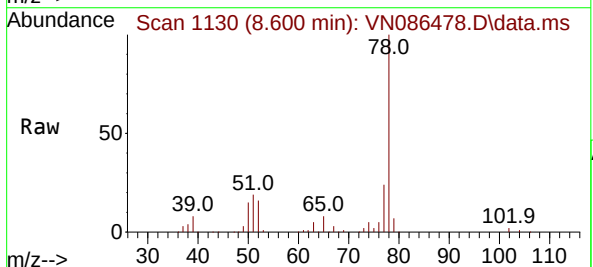
Acq: 05 May 2025 11:32

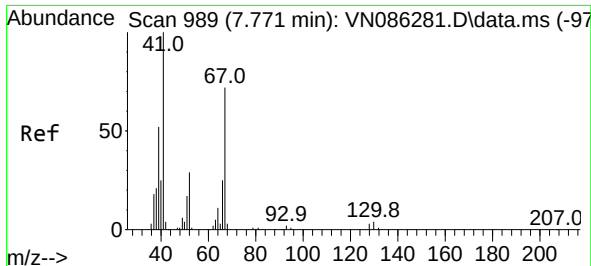
Tgt Ion: 78 Resp: 458081

Ion Ratio Lower Upper

78 100

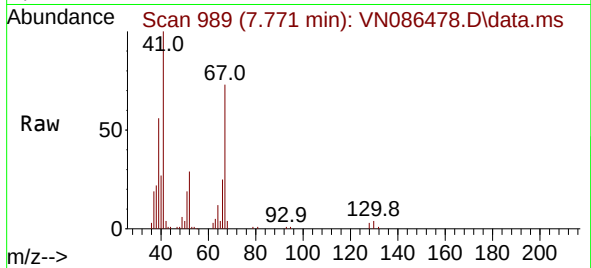
77 23.9 19.4 29.2





#41
Methacrylonitrile
Concen: 52.024 ug/l
RT: 7.771 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

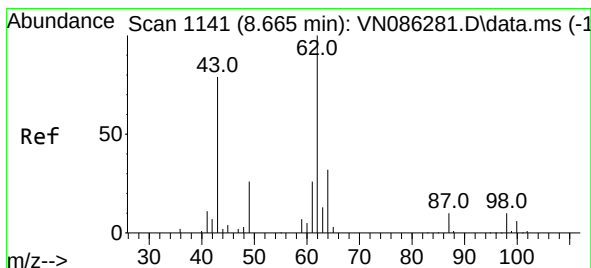
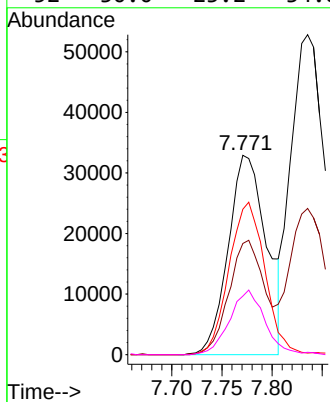
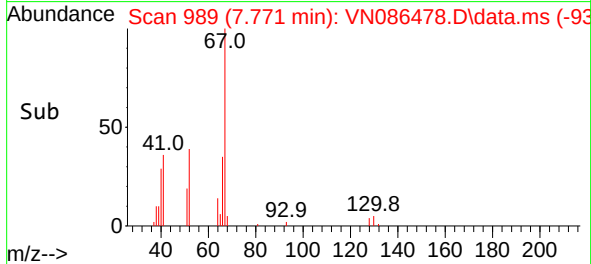
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	8748
Ion Ratio	100	Lower	Upper
39	52.2	43.0	64.4
67	72.3	58.8	88.2
52	30.0	23.2	34.8

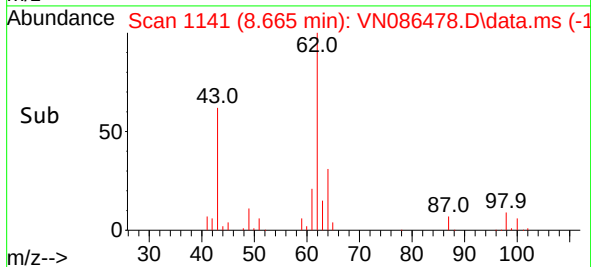
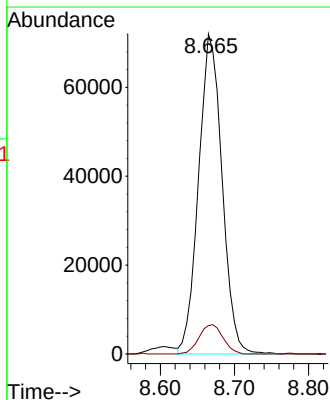
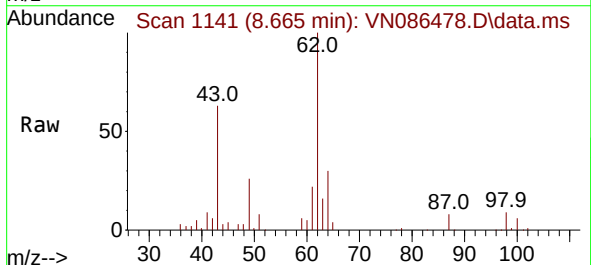
Manual Integrations
APPROVED

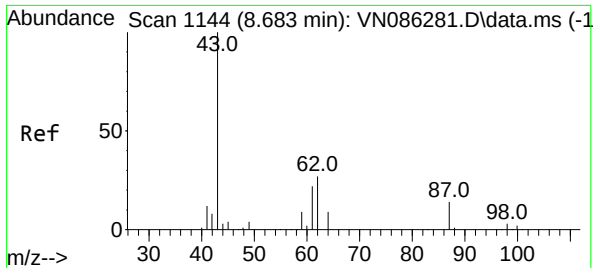
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#42
1,2-Dichloroethane
Concen: 56.287 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:	62	Resp:	158498
Ion Ratio	100	Lower	Upper
98	9.3	0.0	19.2





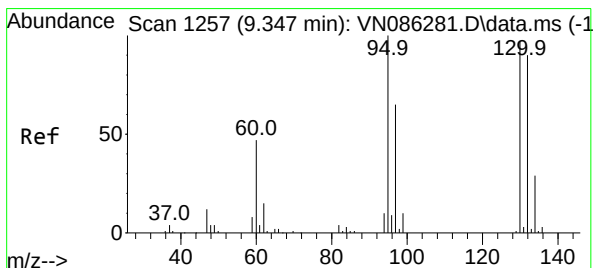
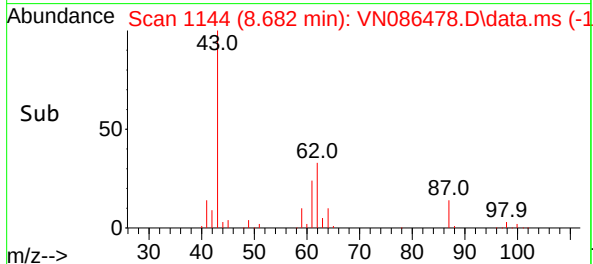
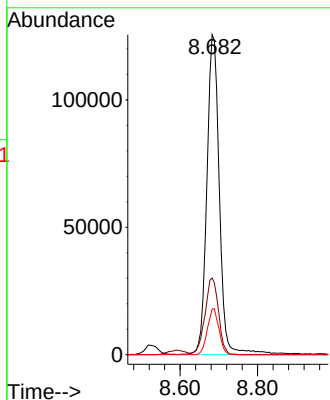
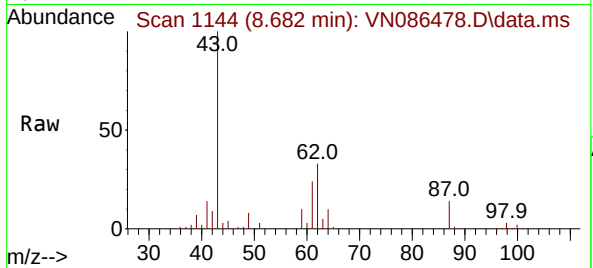
#43
Isopropyl Acetate
Concen: 54.566 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 28161
Ion Ratio Lower Upper
43 100
61 25.8 20.5 30.7
87 13.2 10.5 15.7

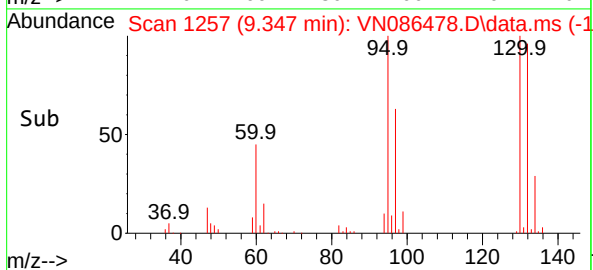
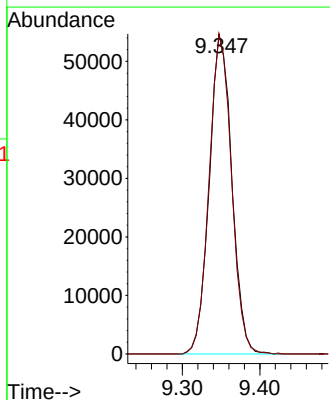
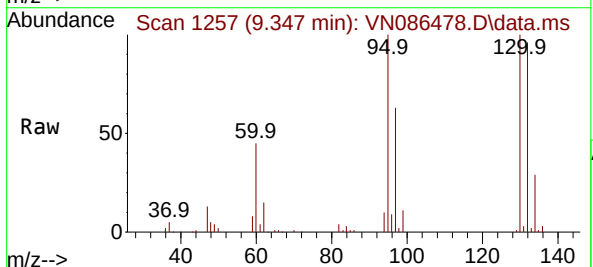
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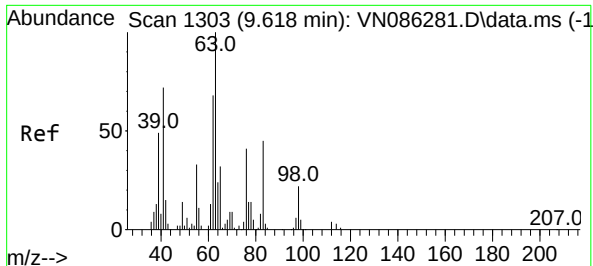
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#44
Trichloroethene
Concen: 52.792 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:130 Resp: 110489
Ion Ratio Lower Upper
130 100
95 100.1 0.0 207.2





#45

1,2-Dichloropropane

Concen: 52.519 ug/l

RT: 9.618 min Scan# 113518

Delta R.T. -0.000 min

Lab File: VN086478.D

Acq: 05 May 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 113518

Ion Ratio Lower Upper

63 100

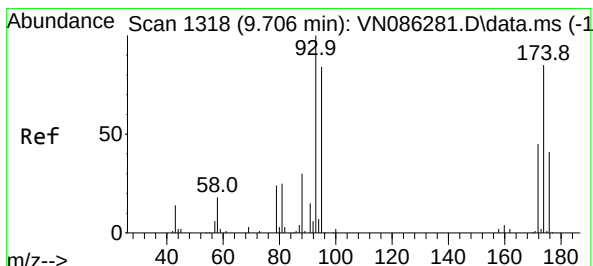
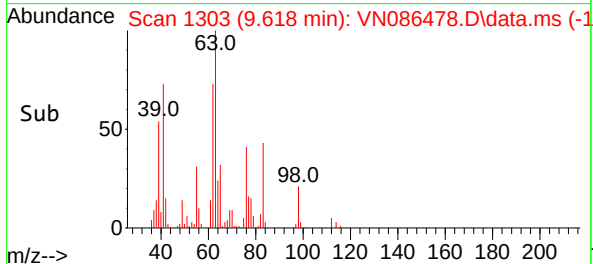
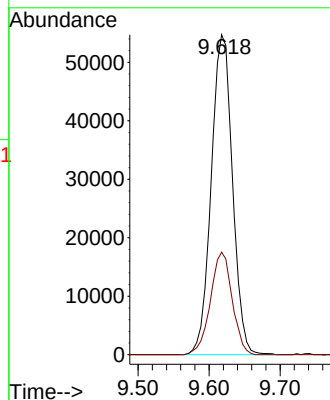
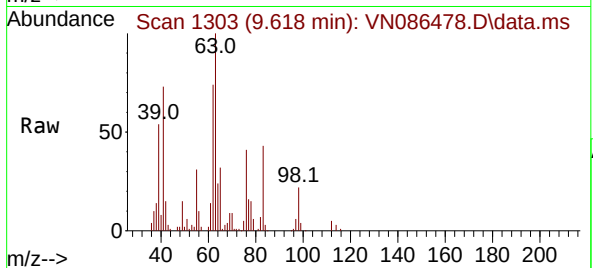
65 32.1 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#46

Dibromomethane

Concen: 58.582 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086478.D

Acq: 05 May 2025 11:32

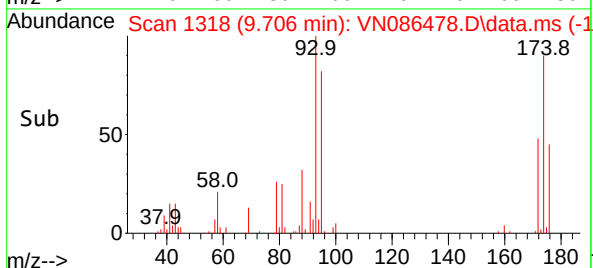
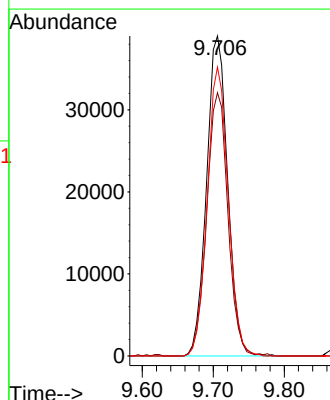
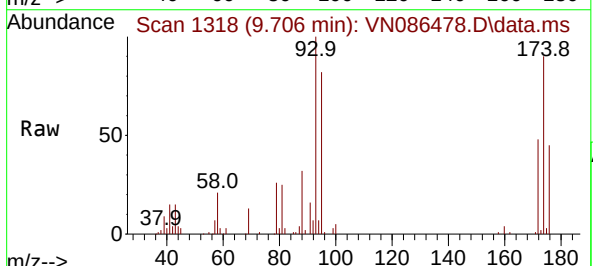
Tgt Ion: 93 Resp: 80677

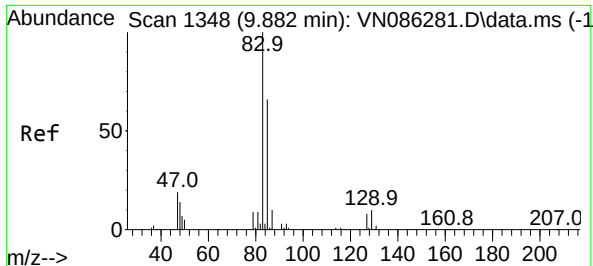
Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.4

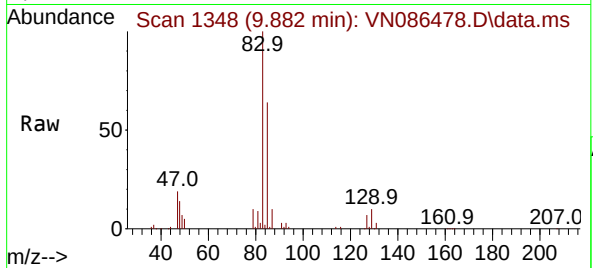
174 89.5 67.8 101.6





#47
Bromodichloromethane
Concen: 55.865 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

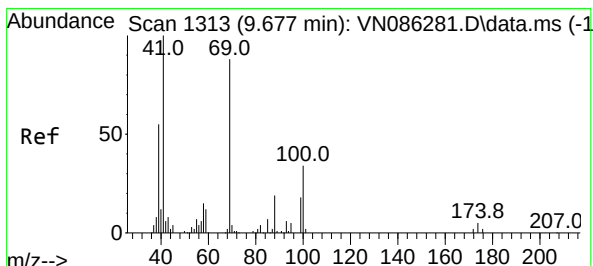
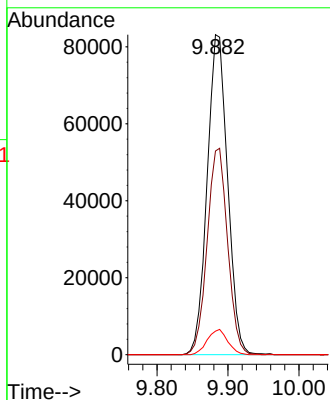
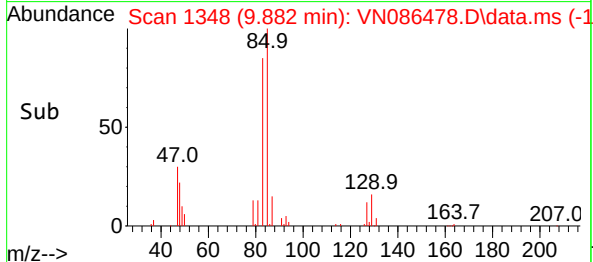
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



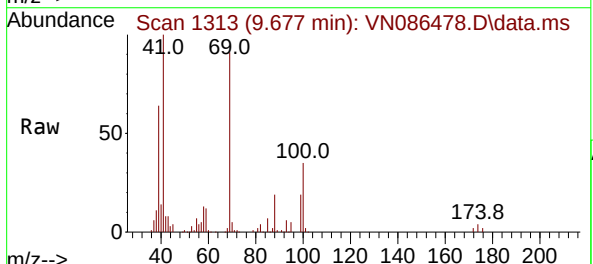
Tgt Ion: 83 Resp: 16616
Ion Ratio Lower Upper
83 100
85 63.7 52.6 78.8
127 7.4 6.1 9.1

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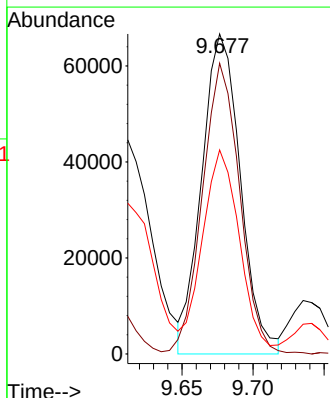
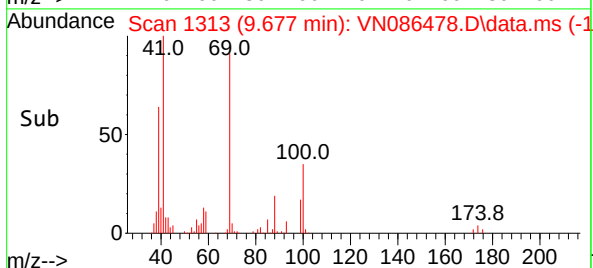
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

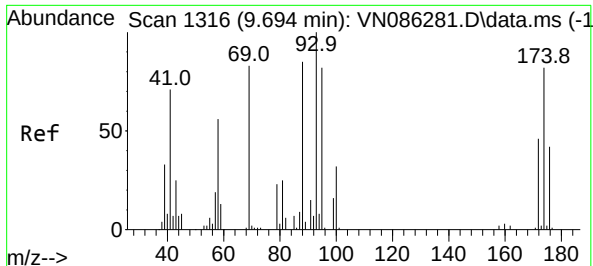


#48
Methyl methacrylate
Concen: 49.669 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



Tgt Ion: 41 Resp: 126557
Ion Ratio Lower Upper
41 100
69 87.8 68.2 102.2
39 61.3 45.2 67.8





#49

1,4-Dioxane

Concen: 1080.631 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN086478.D

Acq: 05 May 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

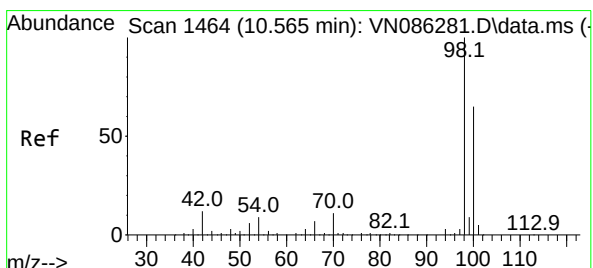
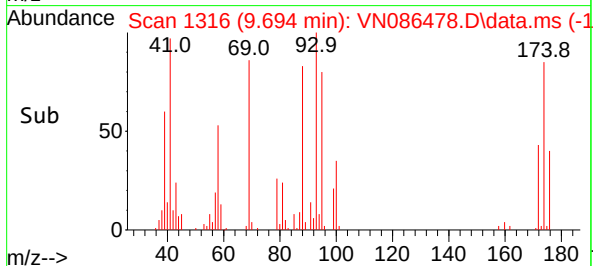
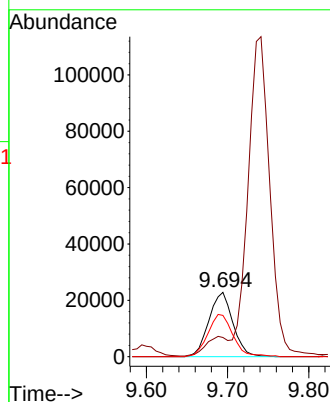
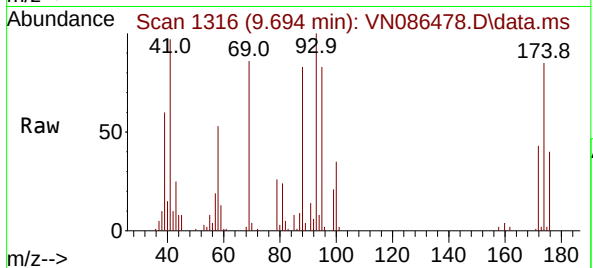
Tgt Ion: 88 Resp: 46830
 Ion Ratio Lower Upper
 88 100
 43 26.9 23.8 35.8
 58 68.6 57.4 86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#50

Toluene-d8

Concen: 51.589 ug/l

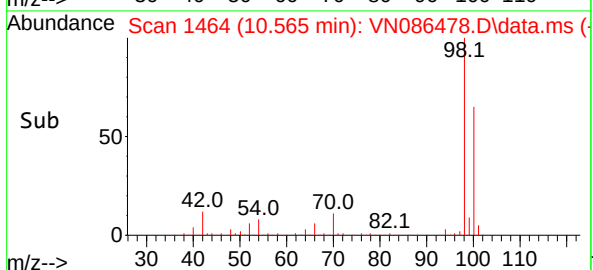
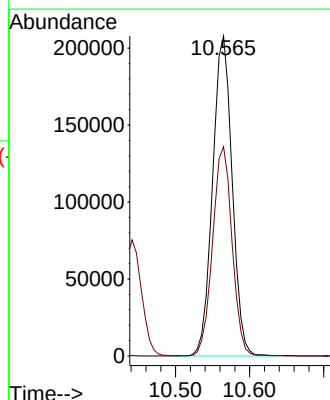
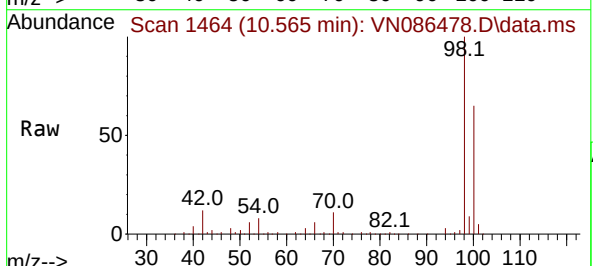
RT: 10.565 min Scan# 1464

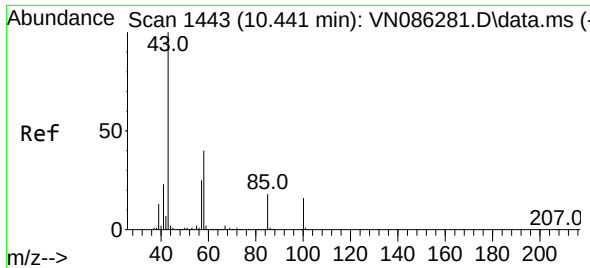
Delta R.T. -0.000 min

Lab File: VN086478.D

Acq: 05 May 2025 11:32

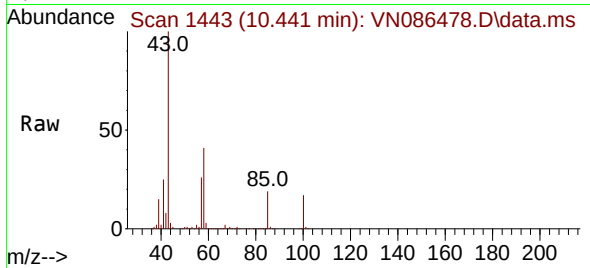
Tgt Ion: 98 Resp: 380448
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 263.592 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

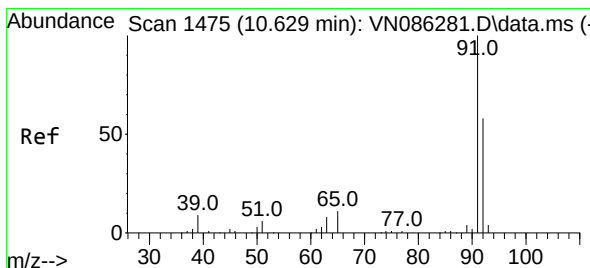
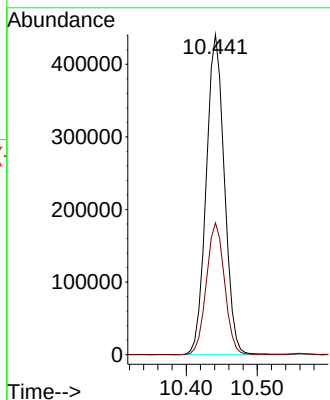
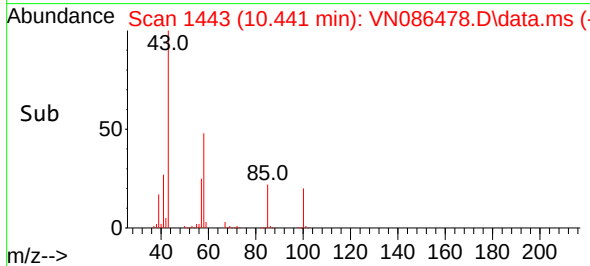
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 783175
Ion Ratio Lower Upper
43 100
58 41.3 32.2 48.4

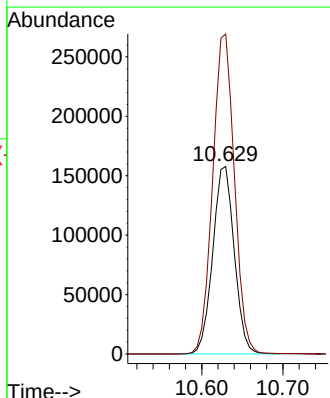
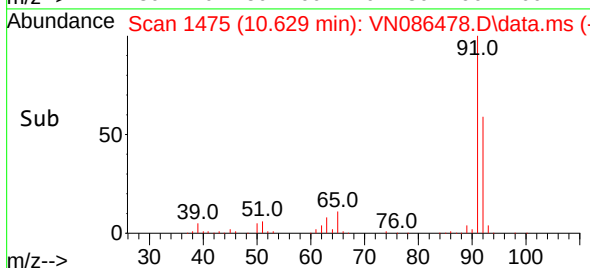
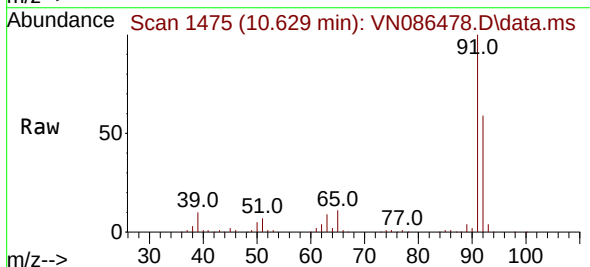
Manual Integrations
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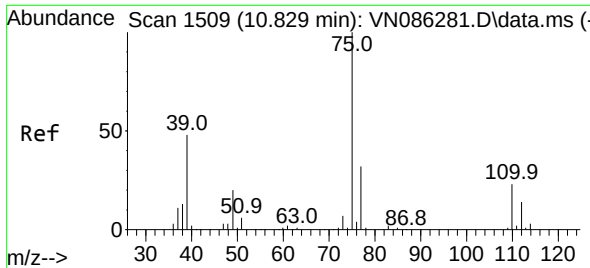
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#52
Toluene
Concen: 52.807 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

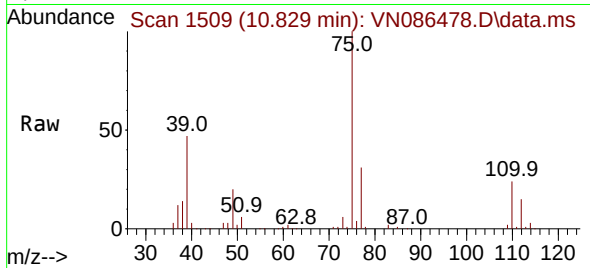
Tgt Ion: 92 Resp: 290954
Ion Ratio Lower Upper
92 100
91 172.6 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 56.106 ug/l
RT: 10.829 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

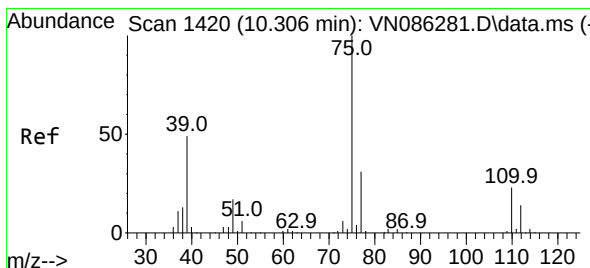
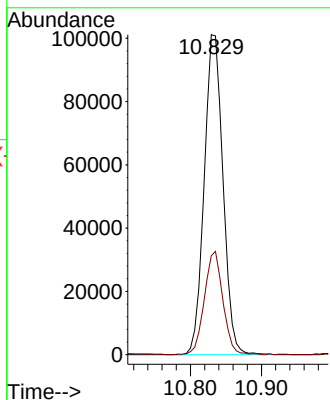
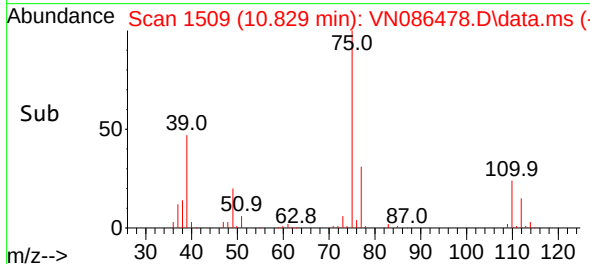
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



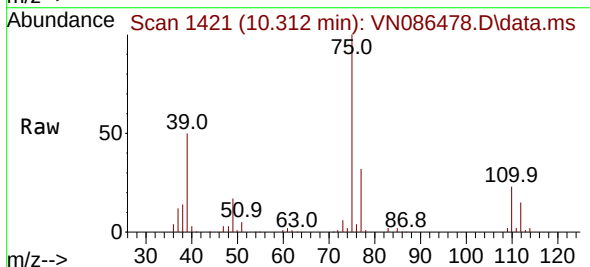
Tgt Ion: 75 Resp: 186288
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0

Manual Integrations
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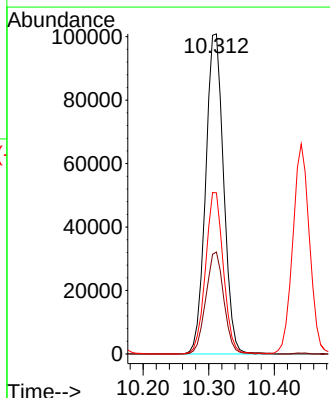
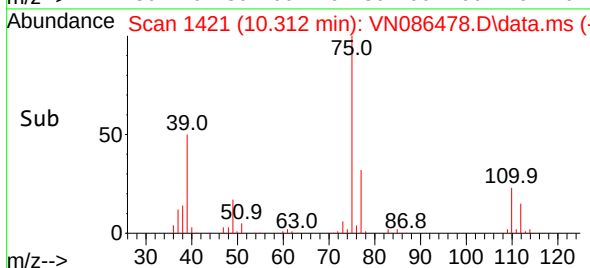
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

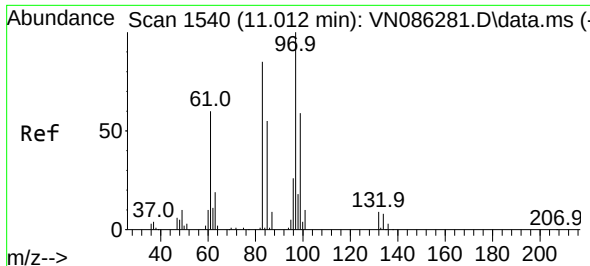


#54
cis-1,3-Dichloropropene
Concen: 52.796 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



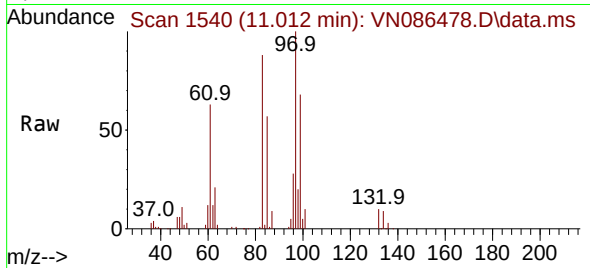
Tgt Ion: 75 Resp: 192540
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
39 50.3 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 57.253 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

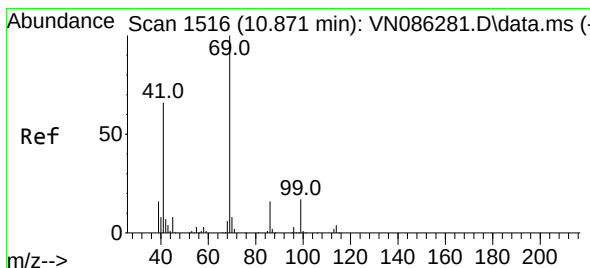
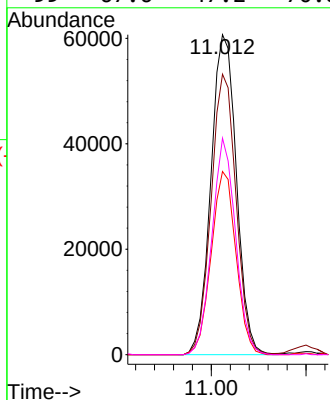
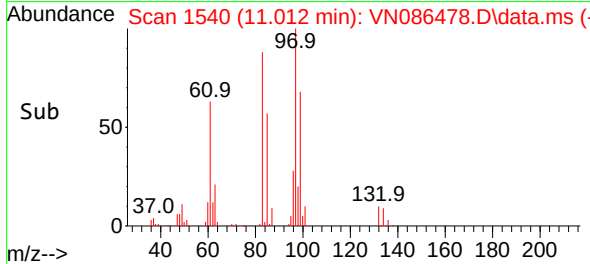
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	113490
Ion	Ratio	Lower	Upper
97	100		
83	87.7	68.4	102.6
85	57.2	43.9	65.9
99	67.6	47.2	70.8

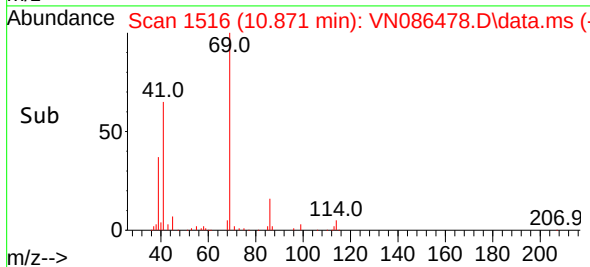
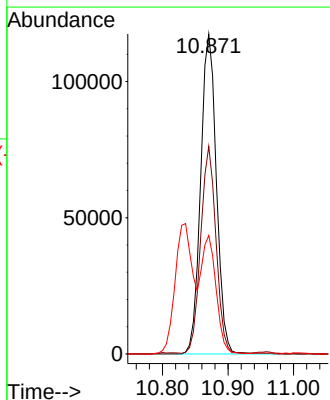
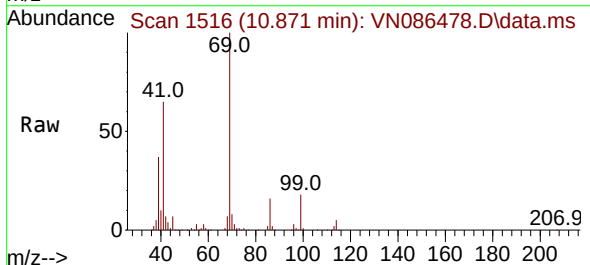
Manual Integrations
APPROVED

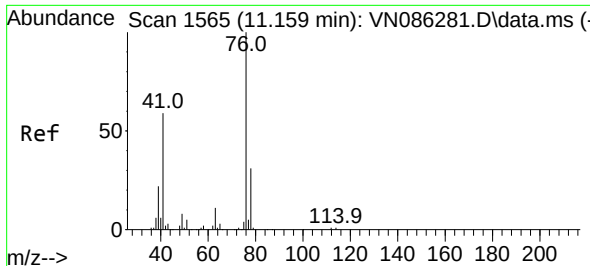
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#56
Ethyl methacrylate
Concen: 53.899 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

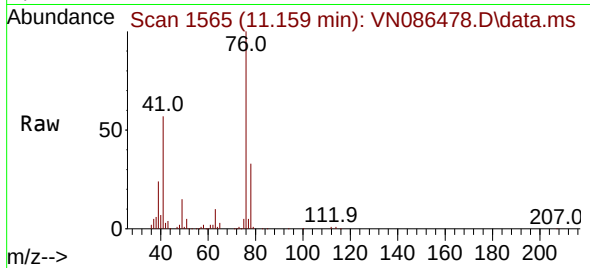
Tgt Ion:	69	Resp:	196399
Ion	Ratio	Lower	Upper
69	100		
41	62.8	51.7	77.5
39	34.1	26.3	39.5





#57
1,3-Dichloropropane
Concen: 56.016 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

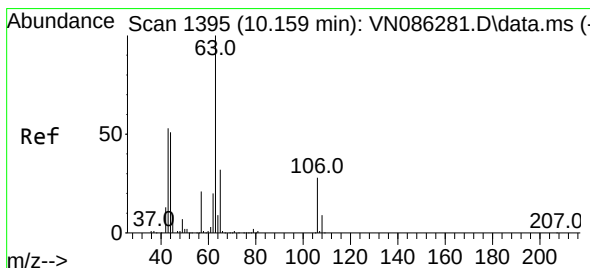
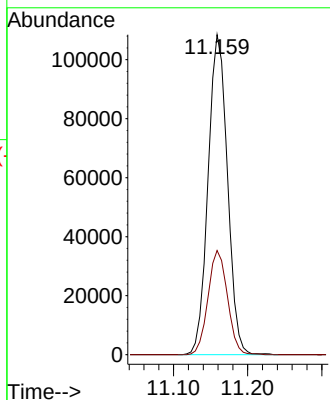
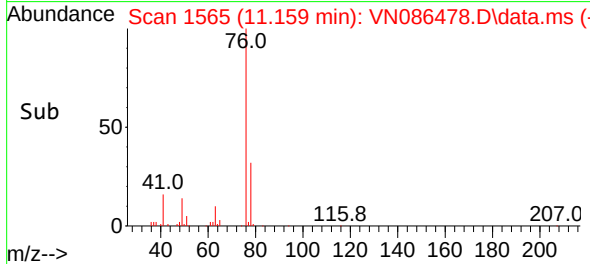
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 197019
Ion Ratio Lower Upper
76 100
78 32.6 25.6 38.4

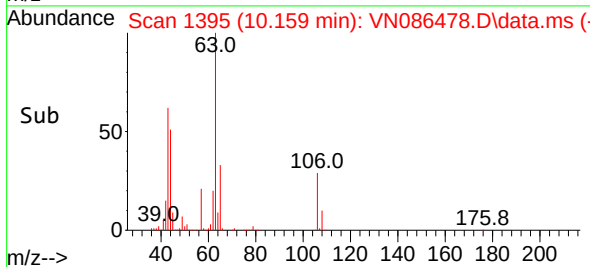
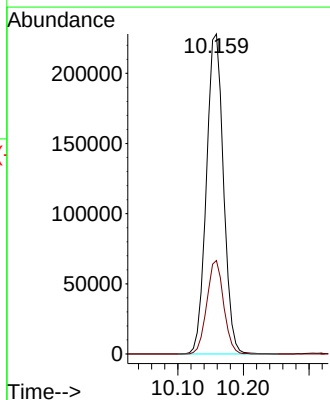
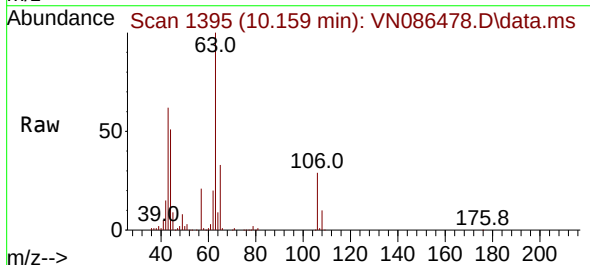
Manual Integrations
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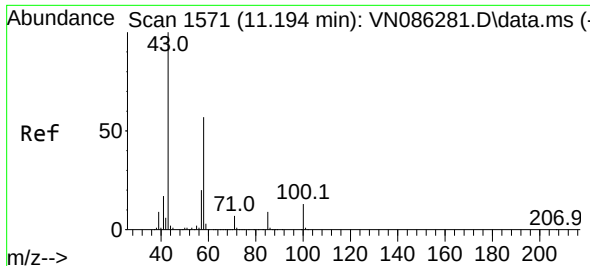
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#58
2-Chloroethyl Vinyl ether
Concen: 238.408 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

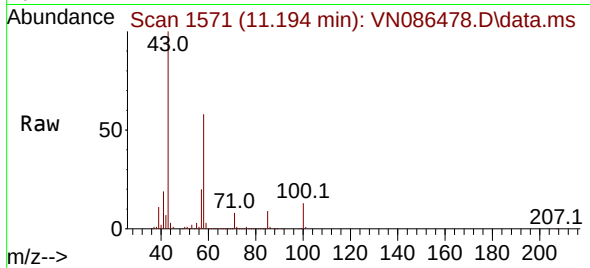
Tgt Ion: 63 Resp: 412328
Ion Ratio Lower Upper
63 100
106 28.8 22.2 33.2





#59
2-Hexanone
Concen: 261.423 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

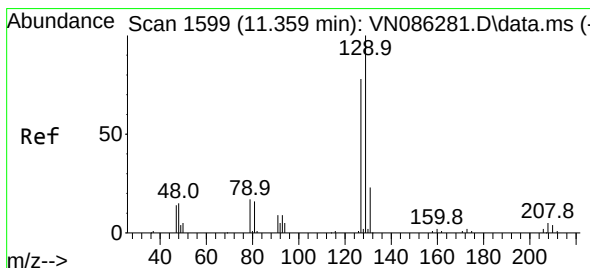
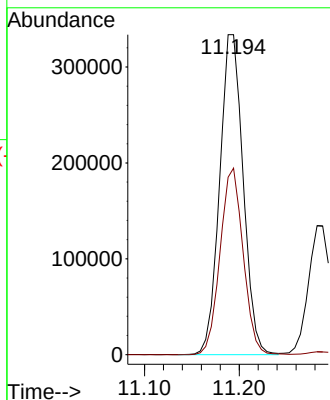
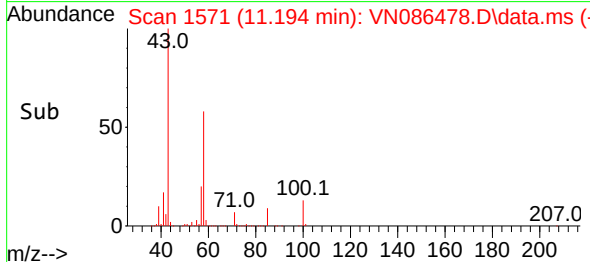
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



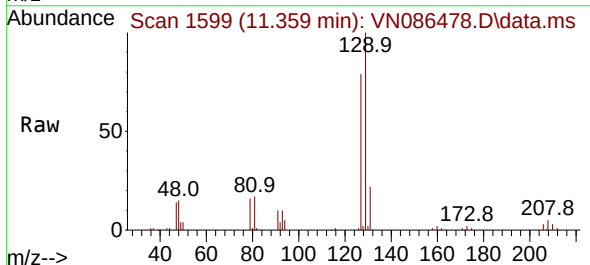
Tgt Ion: 43 Resp: 57612
Ion Ratio Lower Upper
43 100
58 57.1 28.3 85.0

Manual Integrations
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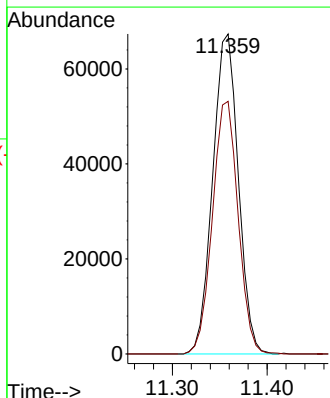
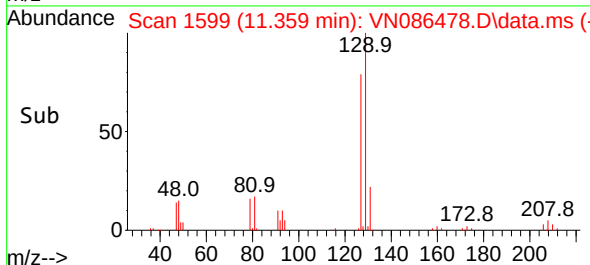
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

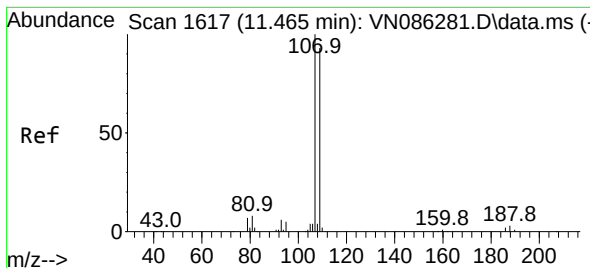


#60
Dibromochloromethane
Concen: 58.161 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



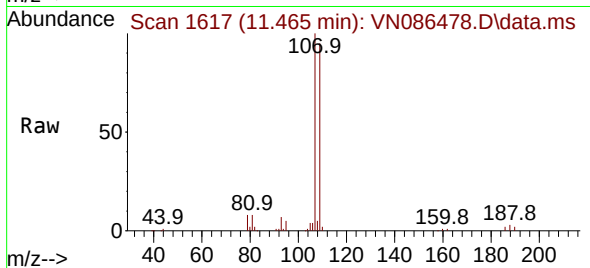
Tgt Ion:129 Resp: 126605
Ion Ratio Lower Upper
129 100
127 79.1 38.7 116.1





#61
1,2-Dibromoethane
Concen: 58.498 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

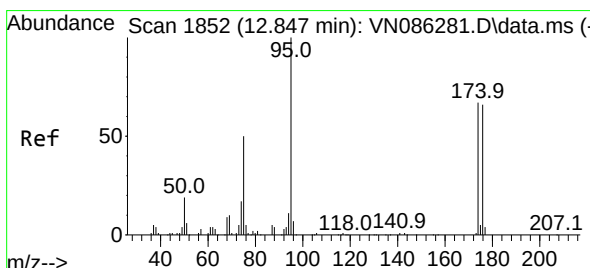
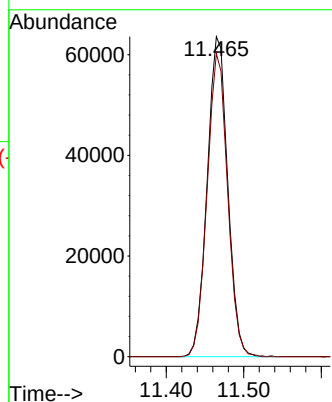
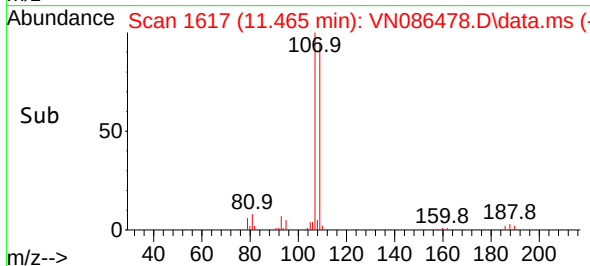
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



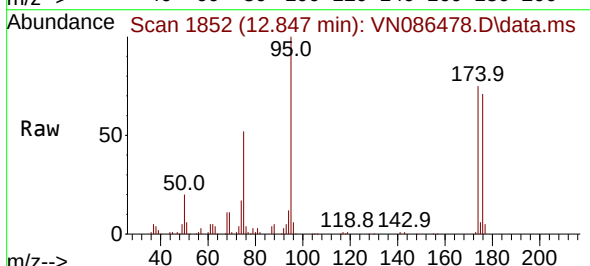
Tgt Ion:107 Resp: 11701
Ion Ratio Lower Upper
107 100
109 94.0 75.4 113.0

Manual Integrations
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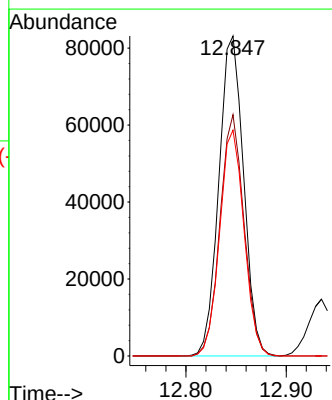
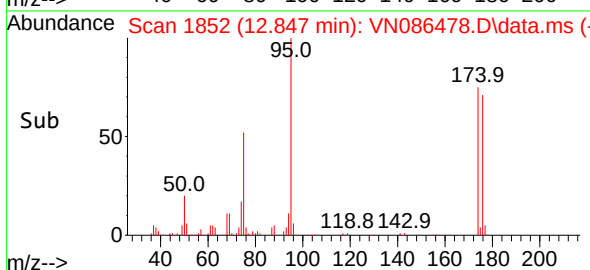
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

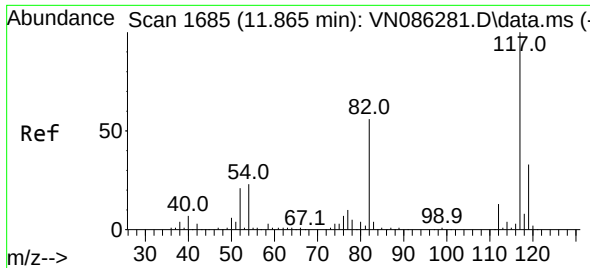


#62
4-Bromofluorobenzene
Concen: 52.810 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



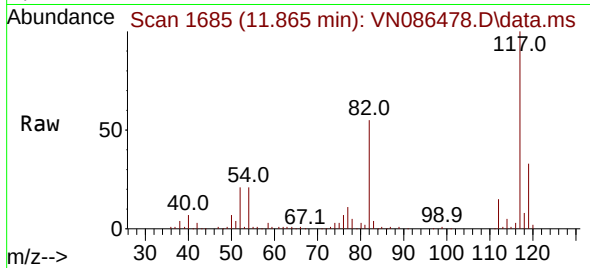
Tgt Ion: 95 Resp: 142048
Ion Ratio Lower Upper
95 100
174 73.2 0.0 133.4
176 69.7 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

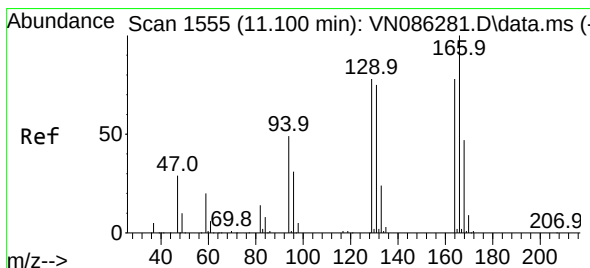
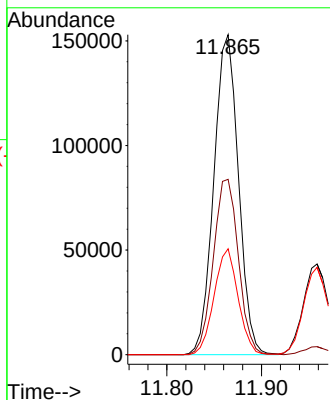
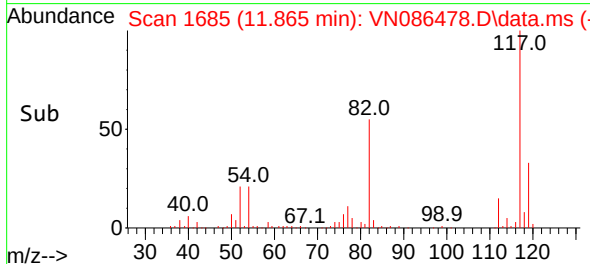
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 27641
Ion Ratio Lower Upper
117 100
82 54.8 44.7 67.1
119 33.1 26.4 39.6

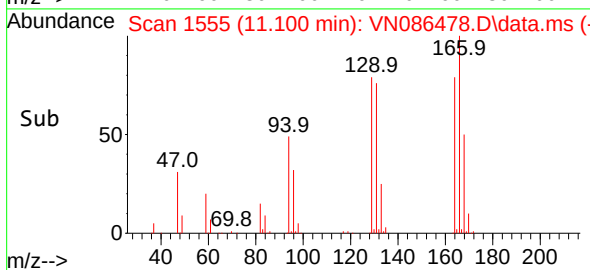
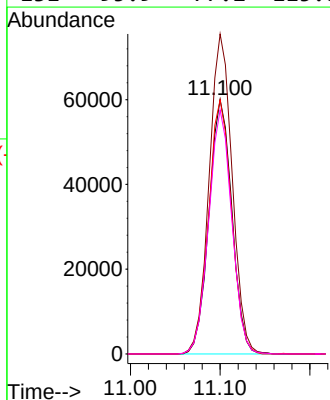
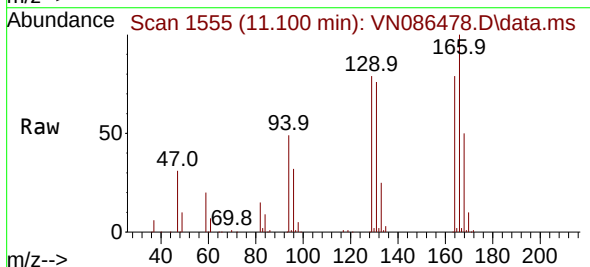
Manual Integrations
APPROVED

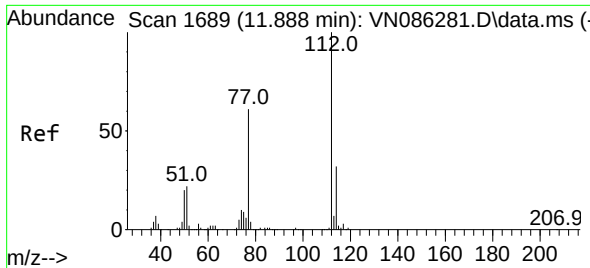
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#64
Tetrachloroethene
Concen: 50.118 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

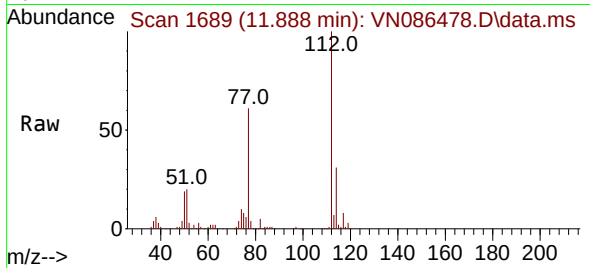
Tgt Ion:164 Resp: 106562
Ion Ratio Lower Upper
164 100
166 125.8 103.0 154.4
129 100.0 80.1 120.1
131 95.9 77.2 115.8





#65
Chlorobenzene
Concen: 52.576 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

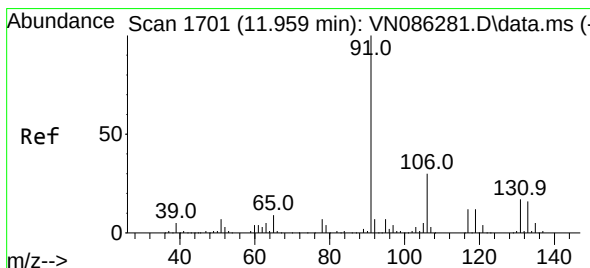
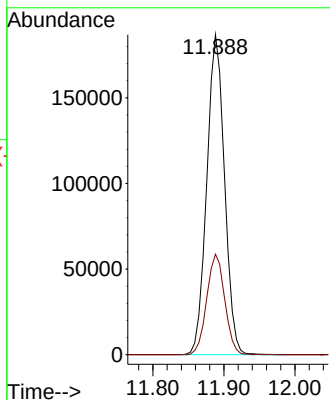
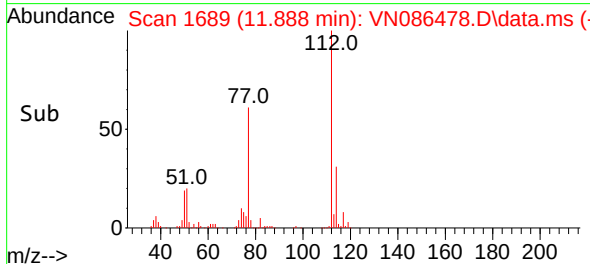
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



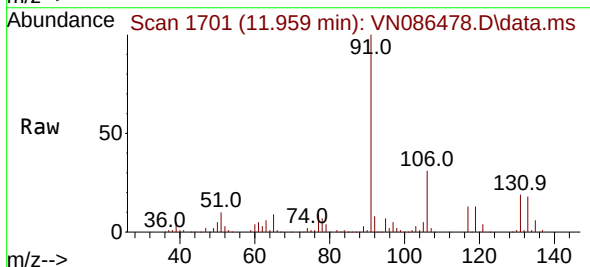
Tgt Ion:112 Resp: 32432
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0

Manual Integrations
APPROVED

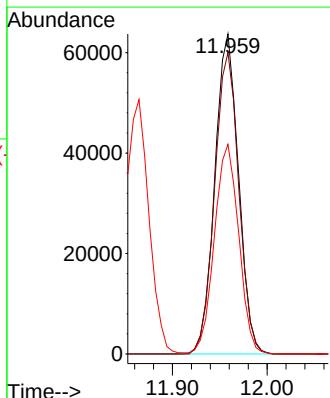
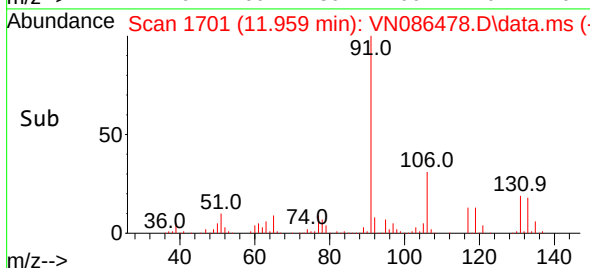
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

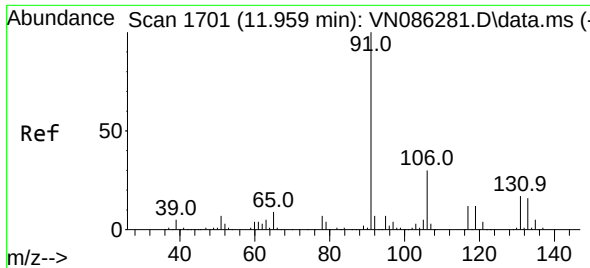


#66
1,1,1,2-Tetrachloroethane
Concen: 54.541 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



Tgt Ion:131 Resp: 110992
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.3
119 67.3 33.8 101.4





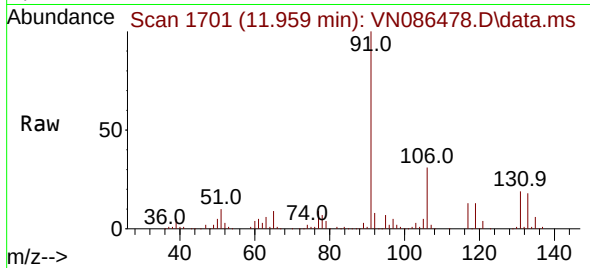
#67
Ethyl Benzene
Concen: 49.637 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



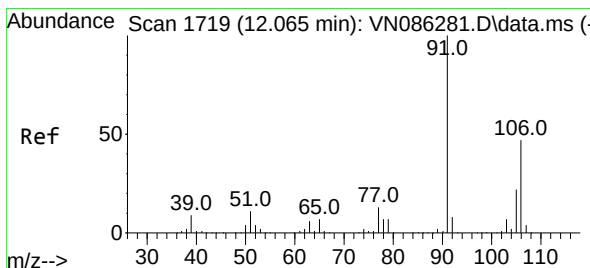
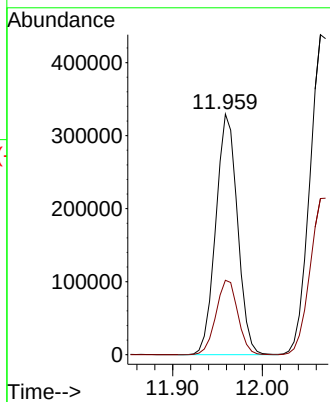
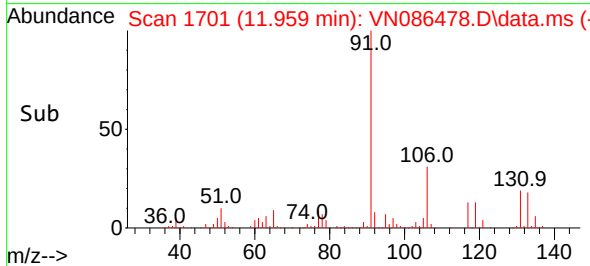
Tgt Ion: 91 Resp: 55253
Ion Ratio Lower Upper
91 100
106 30.9 24.3 36.5

Manual Integrations

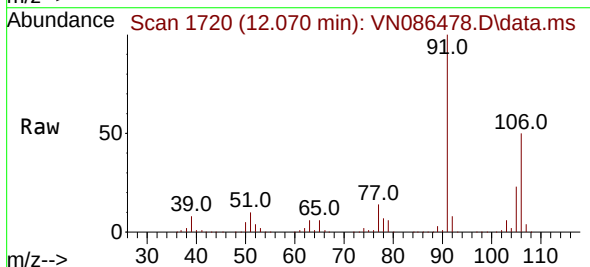
APPROVED

Reviewed By :John Carlone 05/06/2025

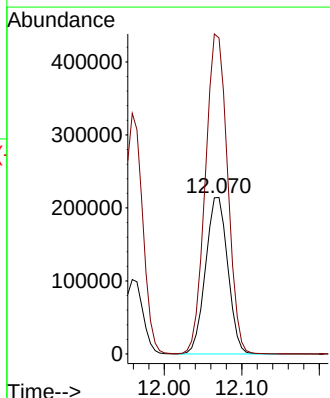
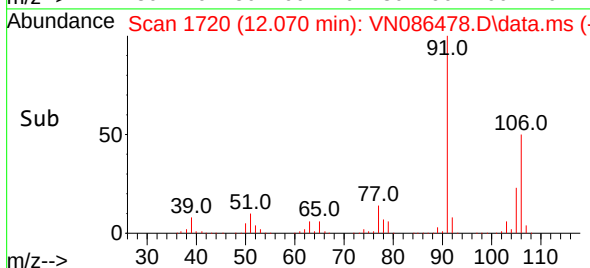
Supervised By :Mahesh Dadoda 05/06/2025

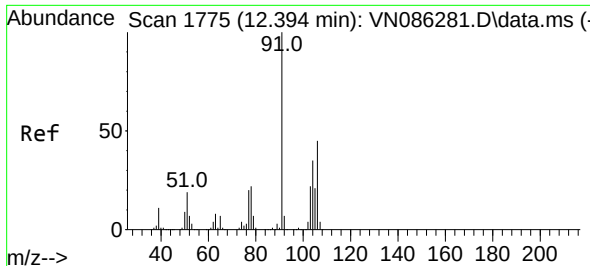


#68
m/p-Xylenes
Concen: 102.350 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



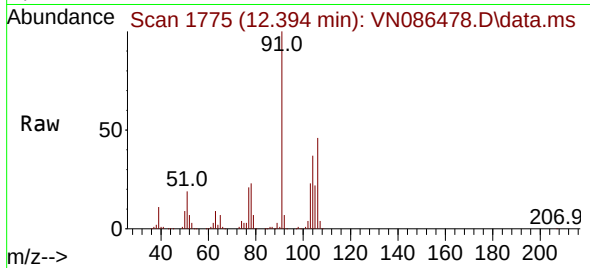
Tgt Ion:106 Resp: 426898
Ion Ratio Lower Upper
106 100
91 204.6 166.5 249.7





#69
o-Xylene
Concen: 51.383 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

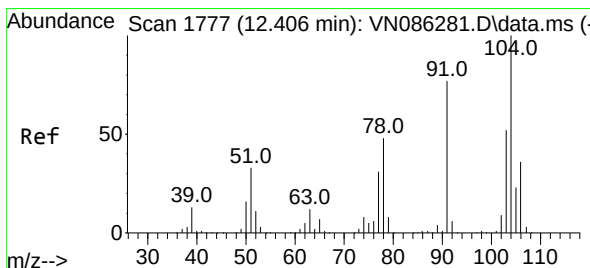
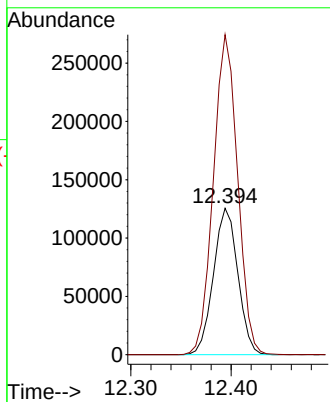
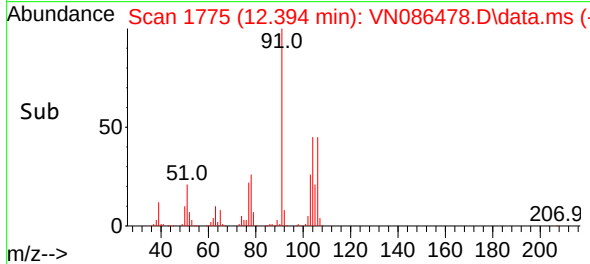
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 211945
Ion Ratio Lower Upper
106 100
91 217.4 109.7 329.0

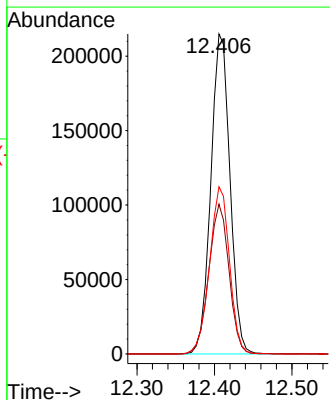
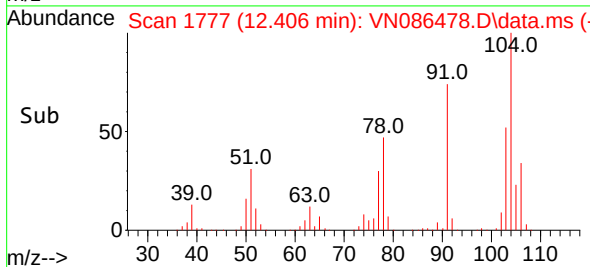
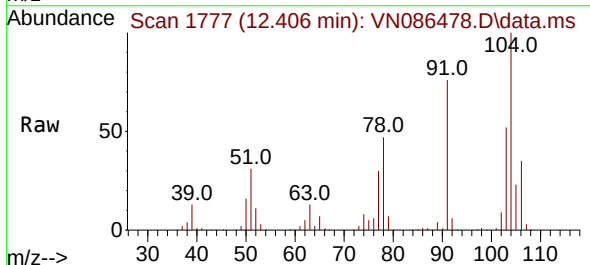
Manual Integrations
APPROVED

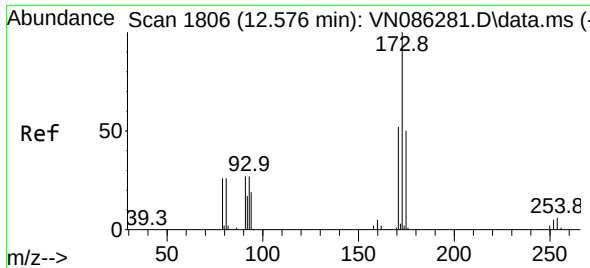
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#70
Styrene
Concen: 53.644 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

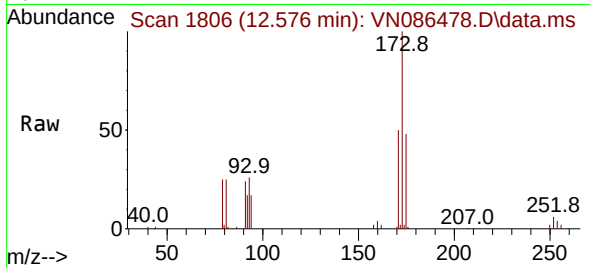
Tgt Ion:104 Resp: 368683
Ion Ratio Lower Upper
104 100
78 49.5 40.6 61.0
103 54.5 43.6 65.4





#71
Bromoform
Concen: 56.230 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

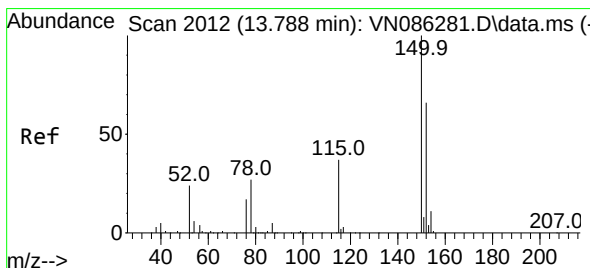
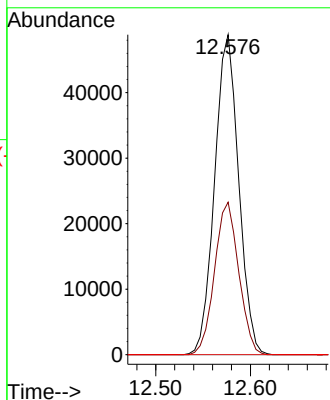
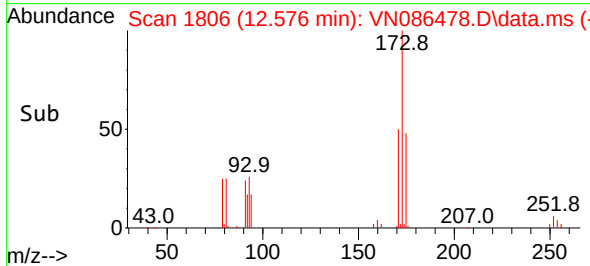
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



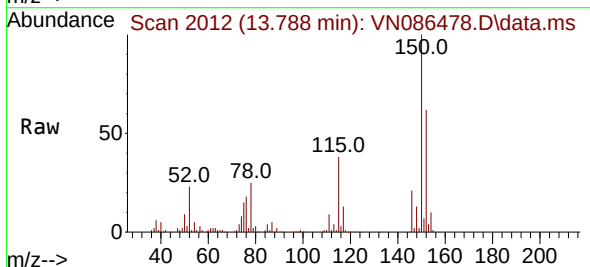
Tgt Ion:173 Resp: 86154
Ion Ratio Lower Upper
173 100
175 47.9 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
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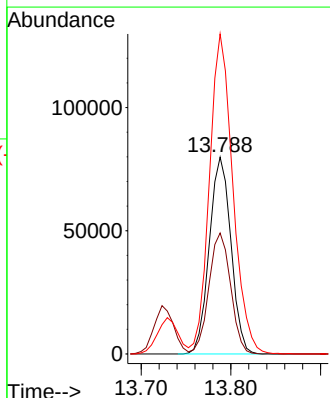
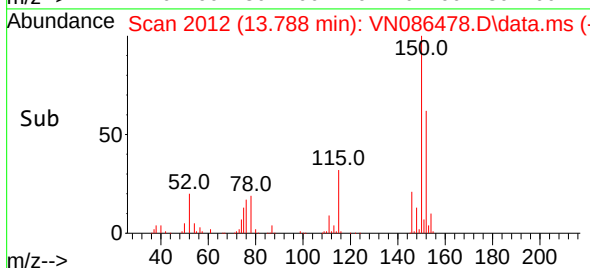
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

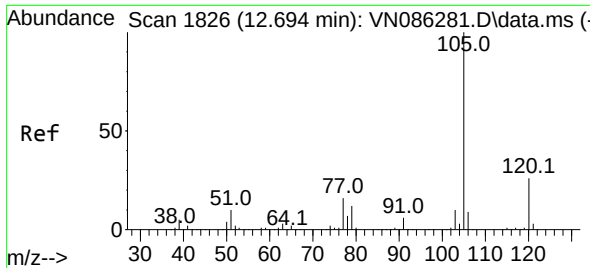


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



Tgt Ion:152 Resp: 133852
Ion Ratio Lower Upper
152 100
115 61.6 31.9 95.9
150 175.5 0.0 352.0





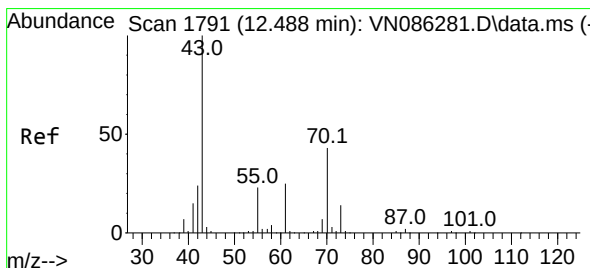
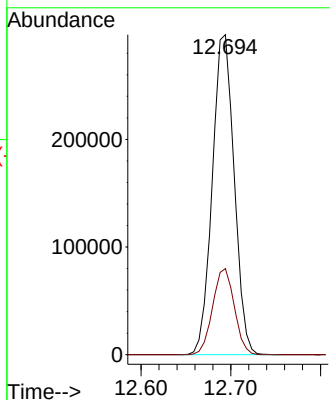
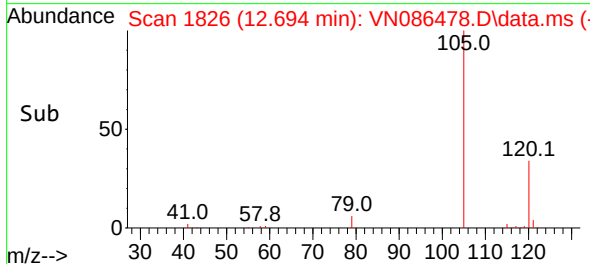
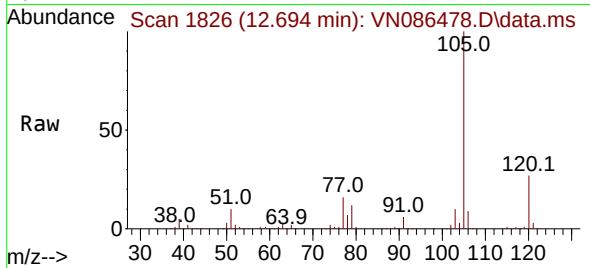
#73
Isopropylbenzene
Concen: 45.987 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 50353
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3

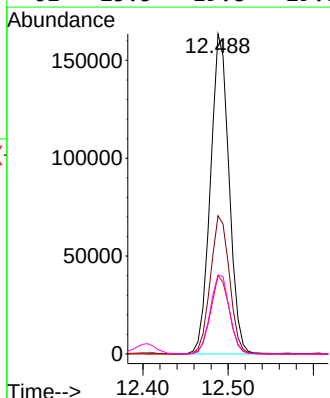
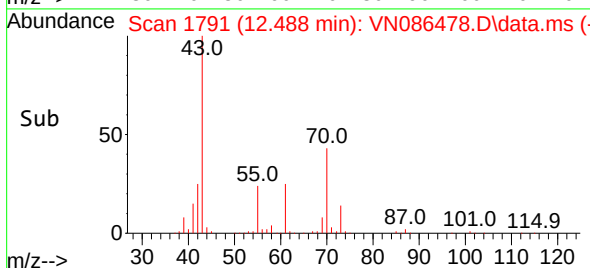
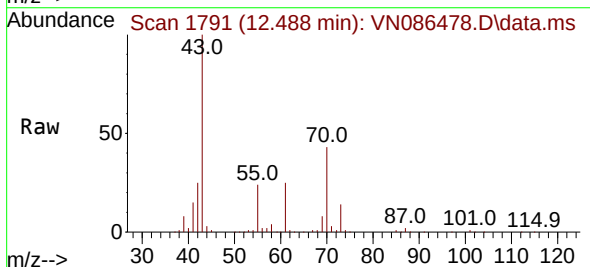
Manual Integrations
APPROVED

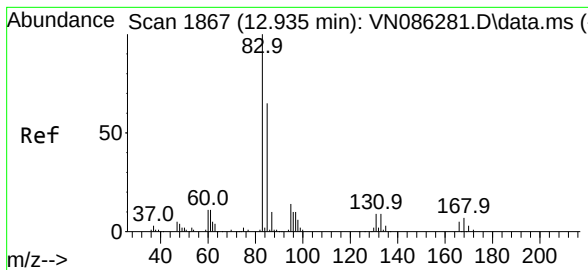
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#74
N-ethyl acetate
Concen: 45.503 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

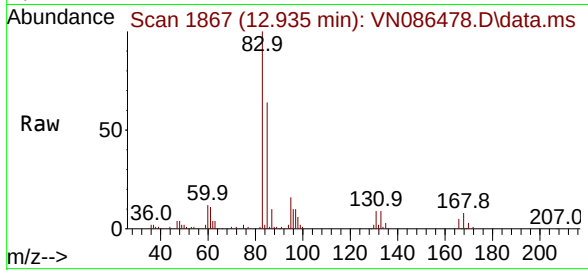
Tgt Ion: 43 Resp: 248033
Ion Ratio Lower Upper
43 100
70 44.3 35.0 52.4
55 24.6 19.0 28.4
61 25.5 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 50.472 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

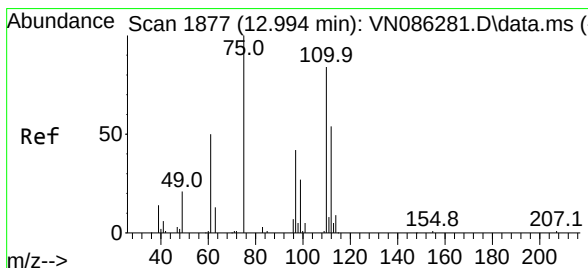
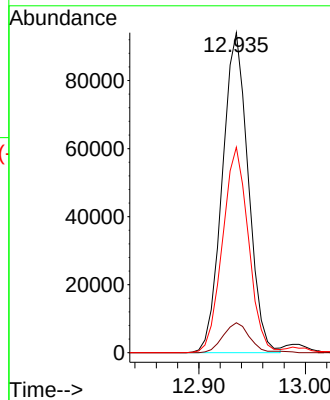
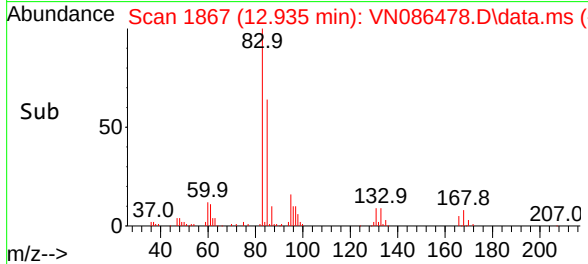
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



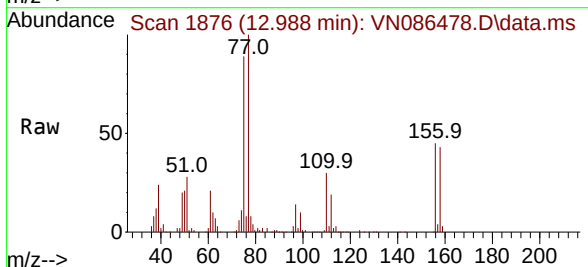
Tgt Ion: 83 Resp: 158899
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.1
85 64.2 32.7 98.1

Manual Integrations
APPROVED

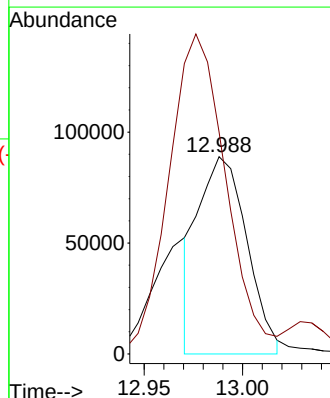
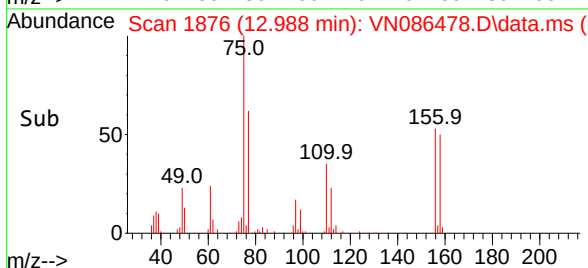
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

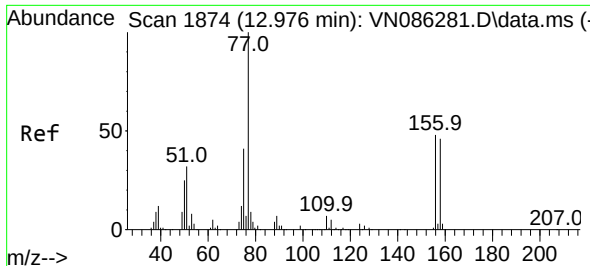


#76
1,2,3-Trichloropropane
Concen: 48.132 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



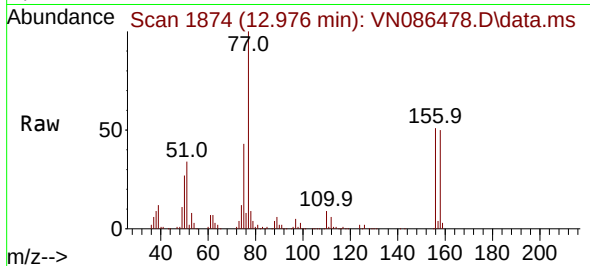
Tgt Ion: 75 Resp: 152035
Ion Ratio Lower Upper
75 100
77 192.1 98.8 296.4





#77
Bromobenzene
Concen: 53.065 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

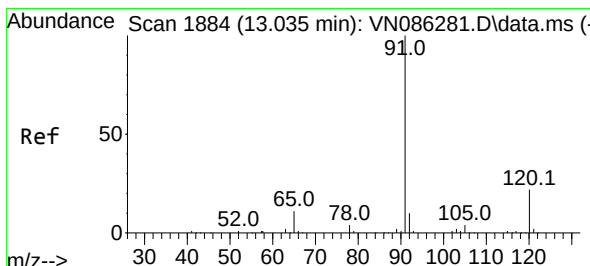
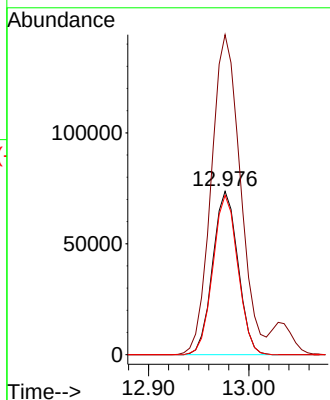
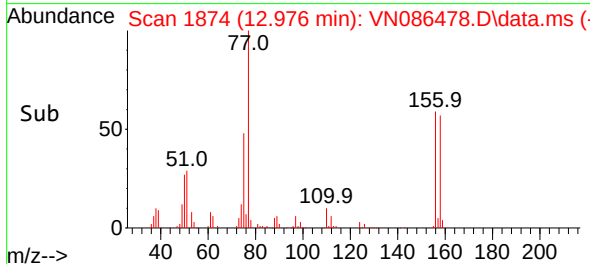
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



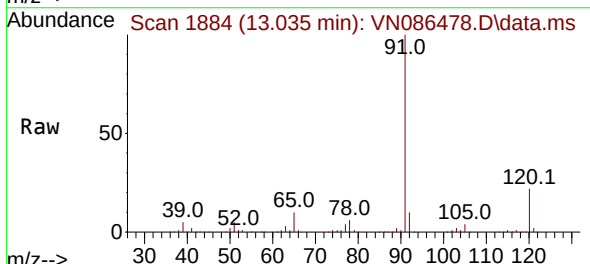
Tgt Ion:156 Resp: 128740
Ion Ratio Lower Upper
156 100
77 226.9 121.1 363.1
158 96.4 47.9 143.6

Manual Integrations
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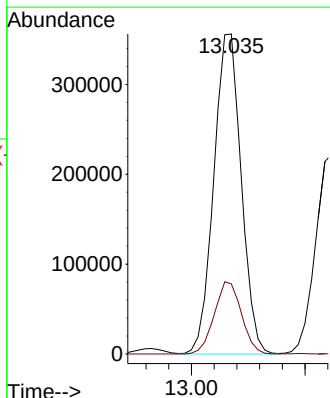
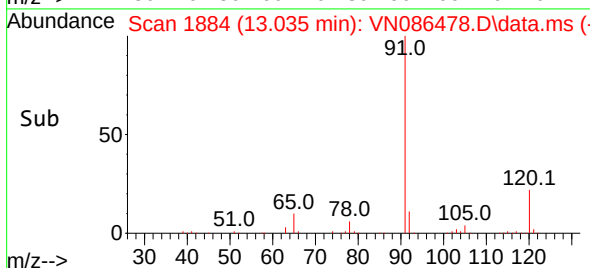
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

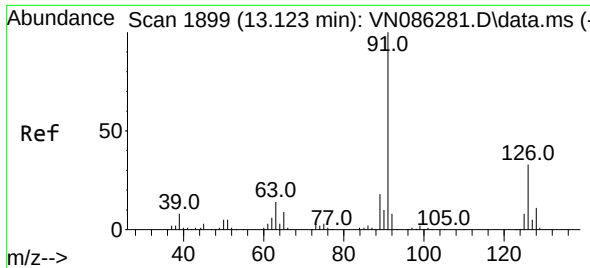


#78
n-propylbenzene
Concen: 46.301 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



Tgt Ion: 91 Resp: 597398
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.3





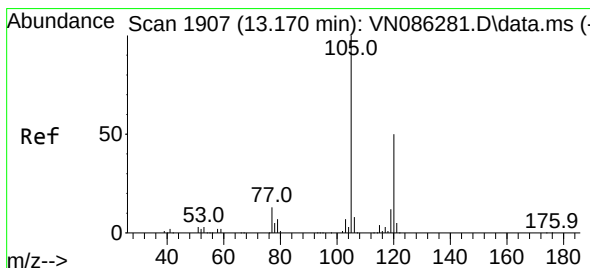
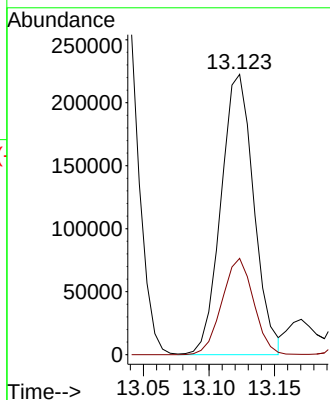
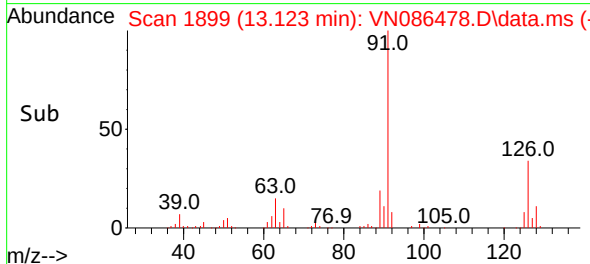
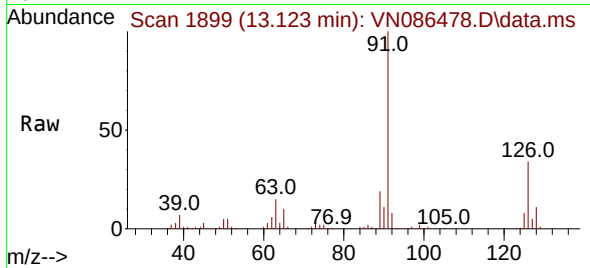
#79
2-Chlorotoluene
Concen: 48.130 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 38858
Ion Ratio Lower Upper
91 100
126 33.0 16.1 48.2

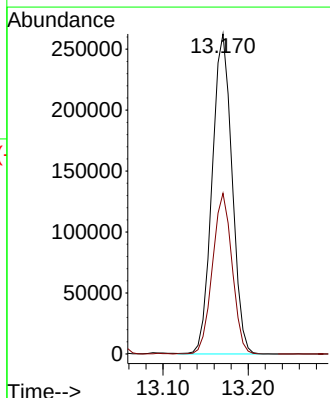
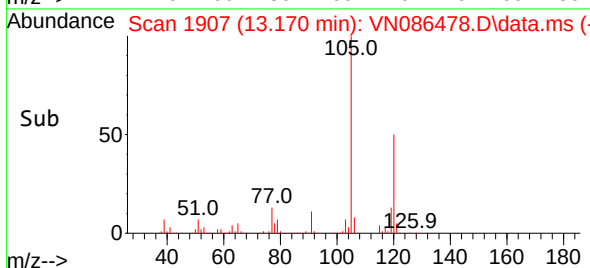
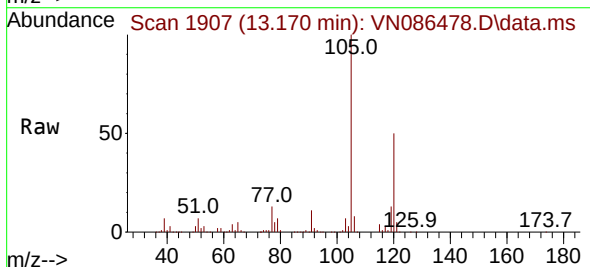
Manual Integrations
APPROVED

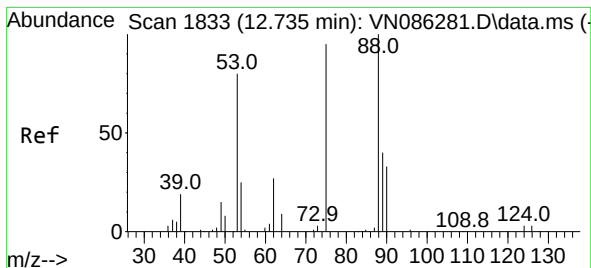
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.572 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

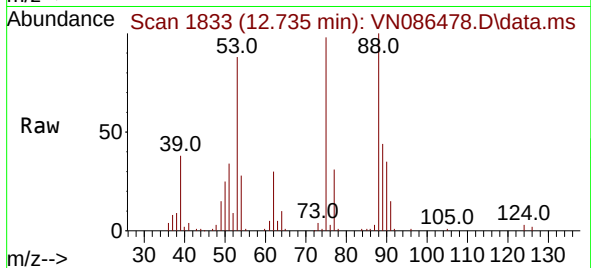
Tgt Ion:105 Resp: 426330
Ion Ratio Lower Upper
105 100
120 49.4 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 52.354 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

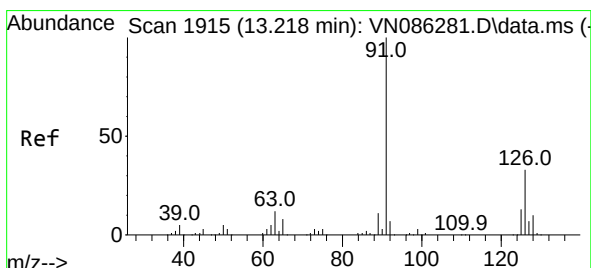
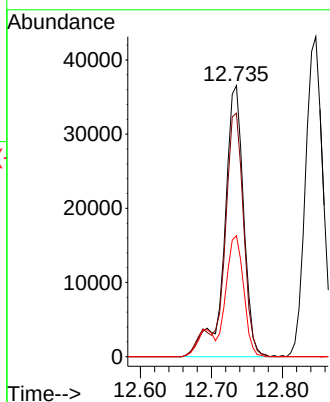
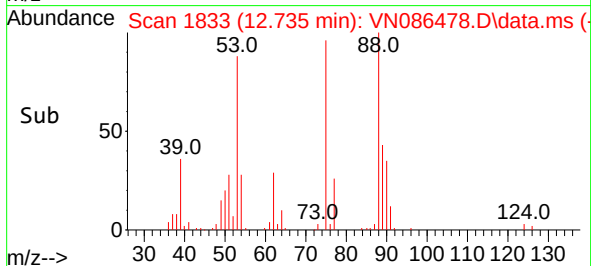
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



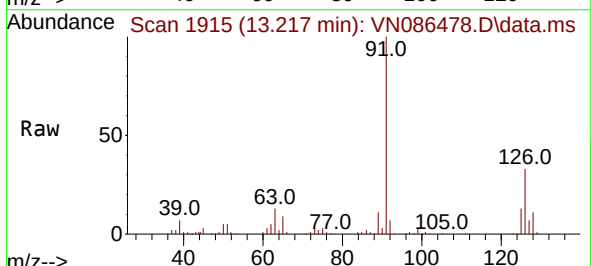
Tgt Ion: 75 Resp: 6885
Ion Ratio Lower Upper
75 100
53 83.4 79.2 118.8
89 40.7 35.7 53.5

Manual Integrations
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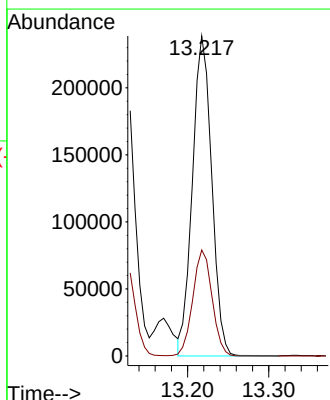
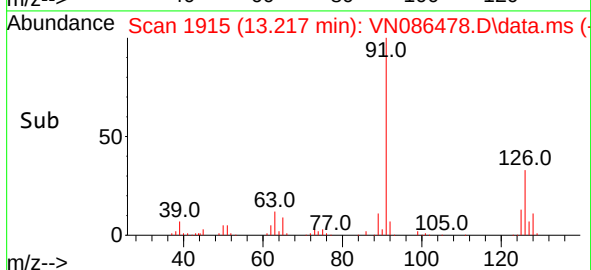
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

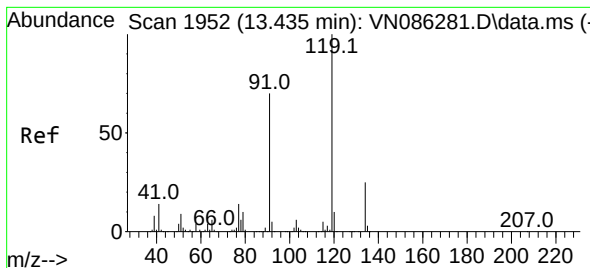


#82
4-Chlorotoluene
Concen: 49.221 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



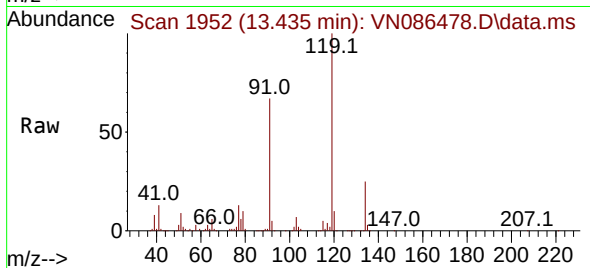
Tgt Ion: 91 Resp: 394754
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6





#83
 tert-Butylbenzene
 Concen: 45.561 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN086478.D
 Acq: 05 May 2025 11:32

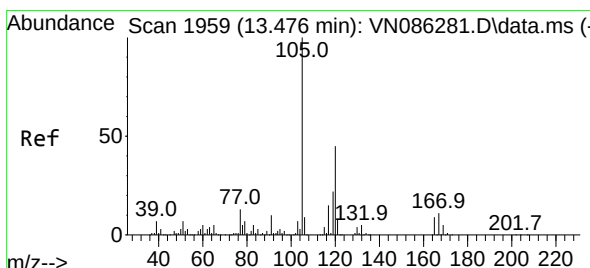
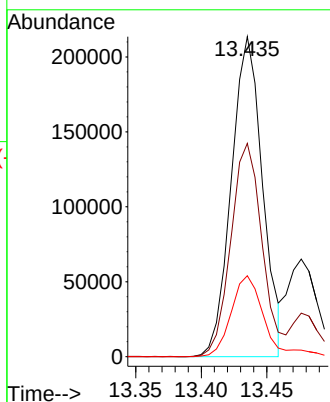
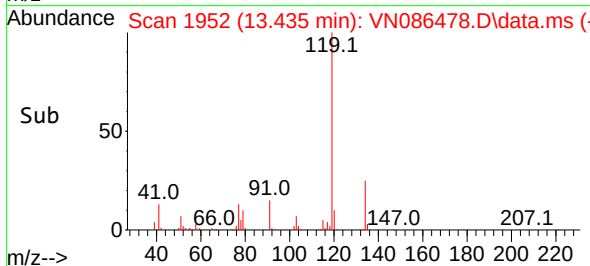
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



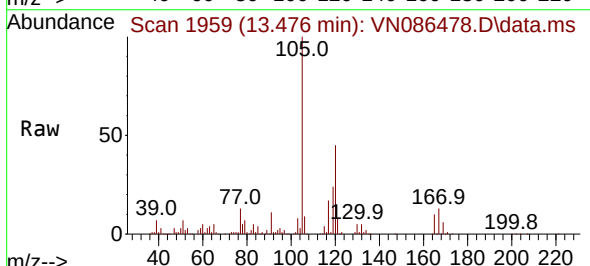
Tgt Ion:119 Resp: 353792
 Ion Ratio Lower Upper
 119 100
 91 67.3 34.4 103.3
 134 26.8 13.0 39.0

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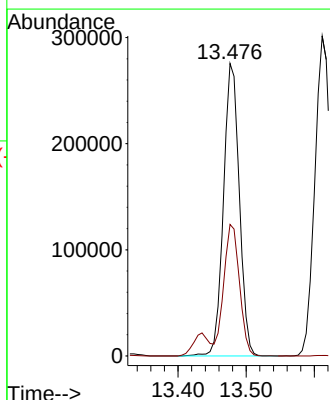
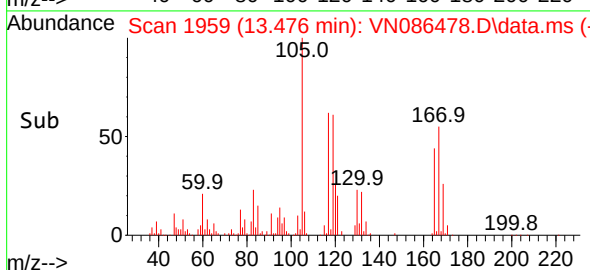
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025

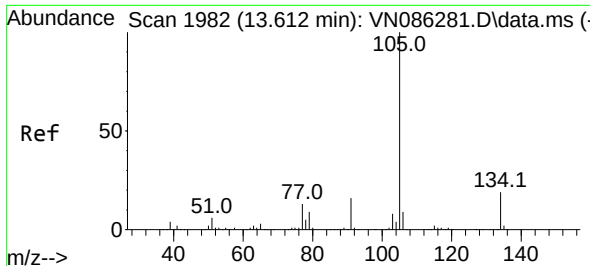


#84
 1,2,4-Trimethylbenzene
 Concen: 48.864 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN086478.D
 Acq: 05 May 2025 11:32



Tgt Ion:105 Resp: 445744
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.3





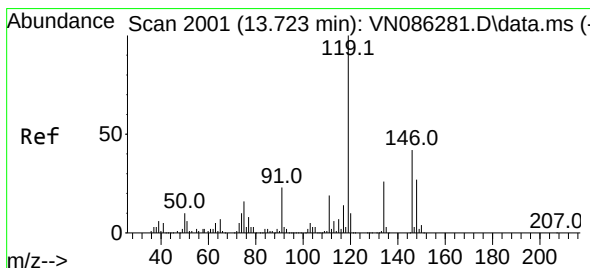
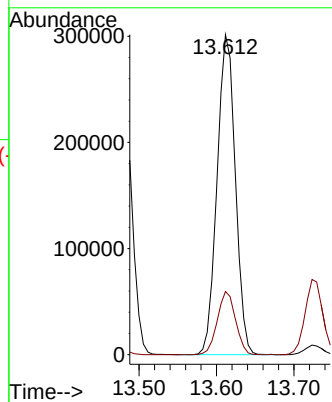
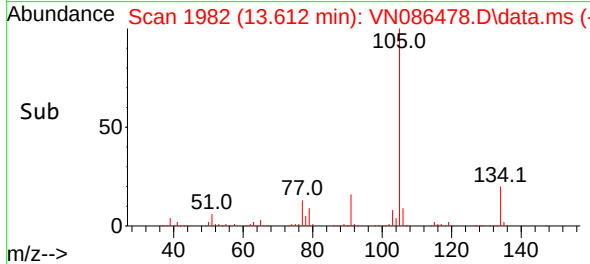
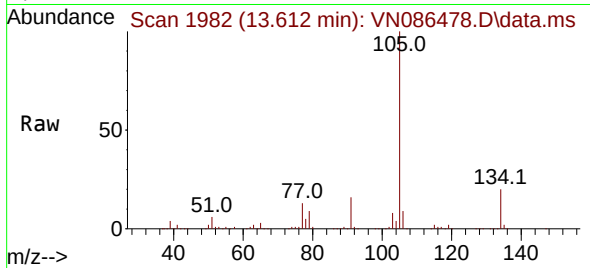
#85
 sec-Butylbenzene
 Concen: 45.861 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086478.D
 Acq: 05 May 2025 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 493958
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 29.1

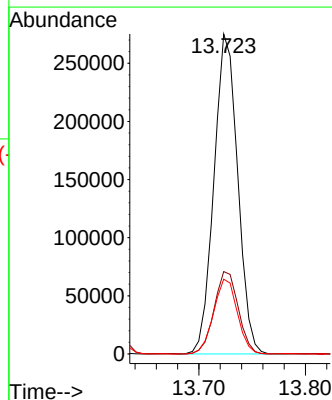
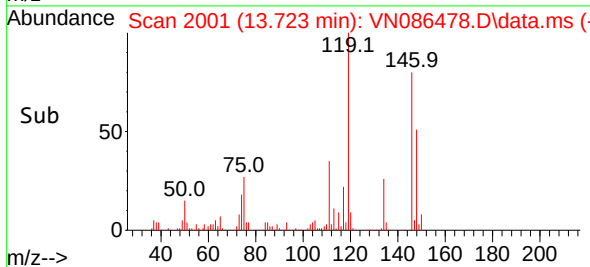
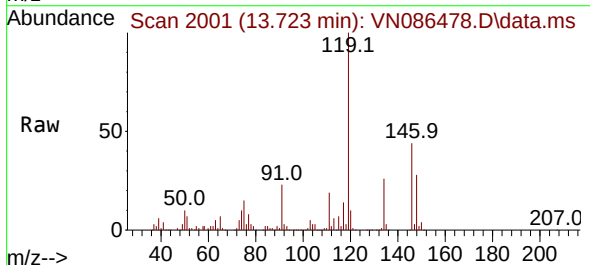
Manual Integrations
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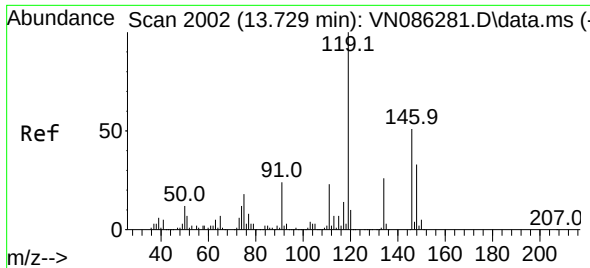
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025



#86
 p-Isopropyltoluene
 Concen: 47.890 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086478.D
 Acq: 05 May 2025 11:32

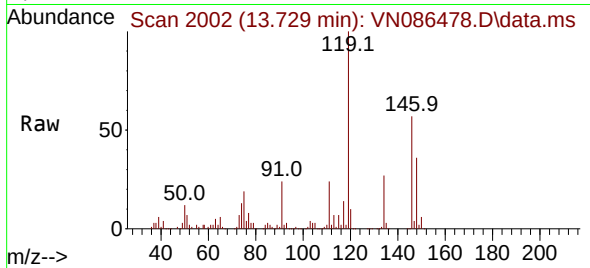
Tgt Ion:119 Resp: 425158
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 23.5 11.9 35.9





#87
1,3-Dichlorobenzene
Concen: 52.446 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

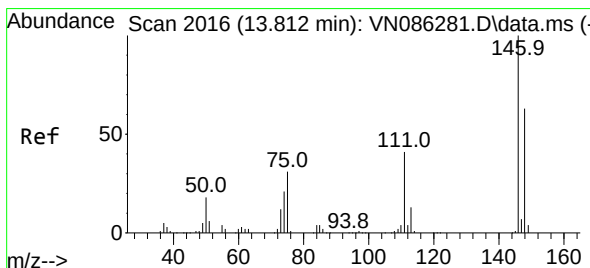
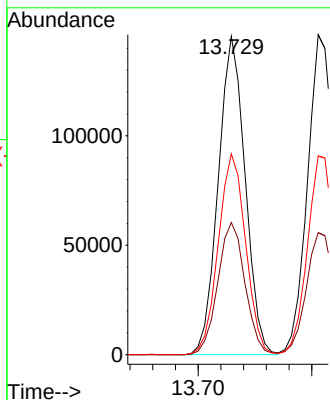
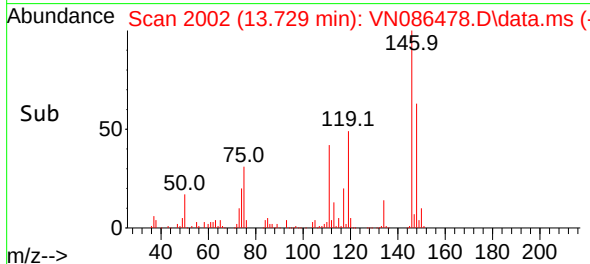
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



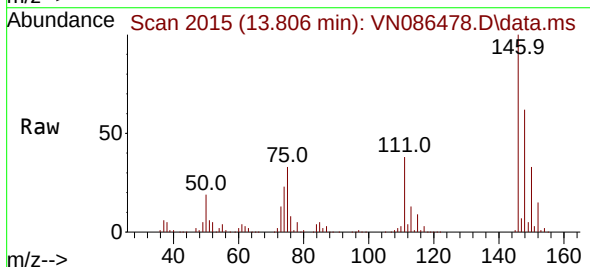
Tgt Ion:146 Resp: 239188
Ion Ratio Lower Upper
146 100
111 42.0 21.9 65.7
148 64.1 31.9 95.5

Manual Integrations
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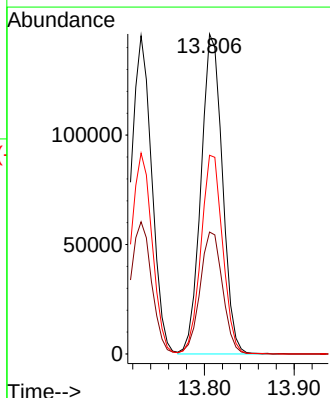
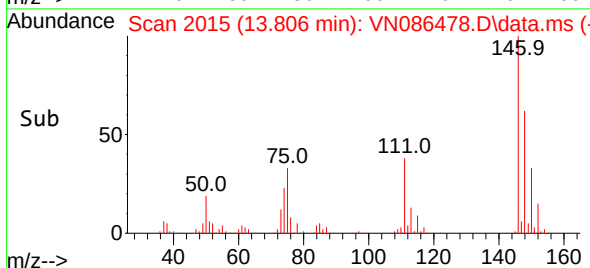
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

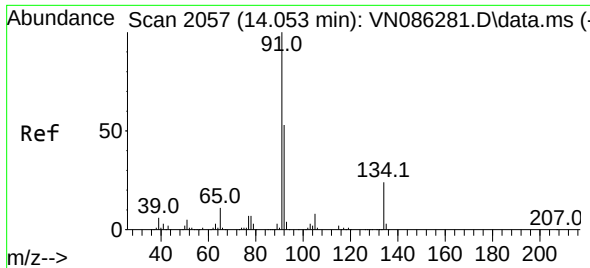


#88
1,4-Dichlorobenzene
Concen: 52.755 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



Tgt Ion:146 Resp: 242338
Ion Ratio Lower Upper
146 100
111 40.0 21.3 63.9
148 63.0 31.9 95.9





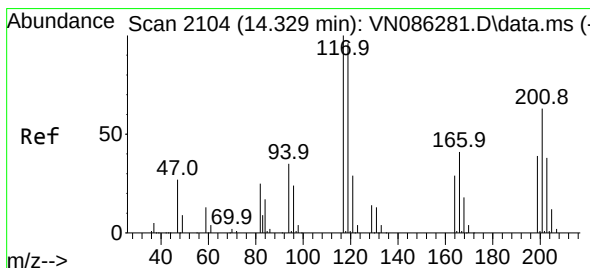
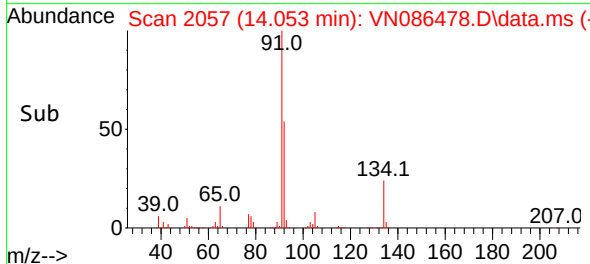
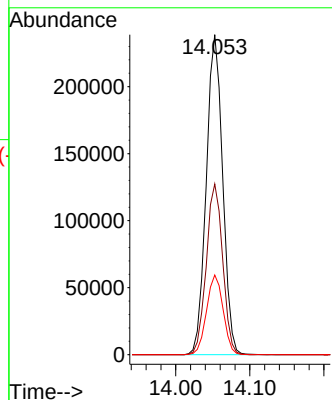
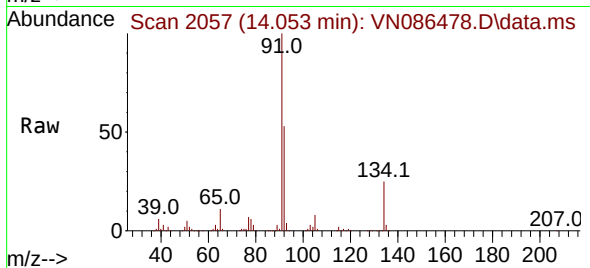
#89
n-Butylbenzene
Concen: 46.633 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 36696
Ion Ratio Lower Upper
91 100
92 53.3 26.8 80.4
134 25.2 12.2 36.6

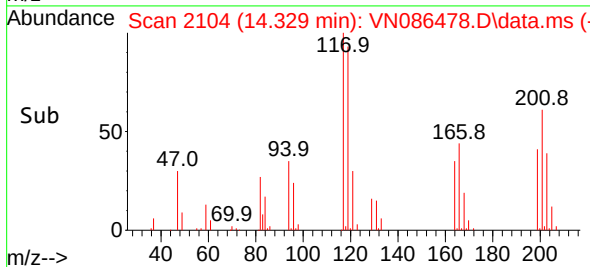
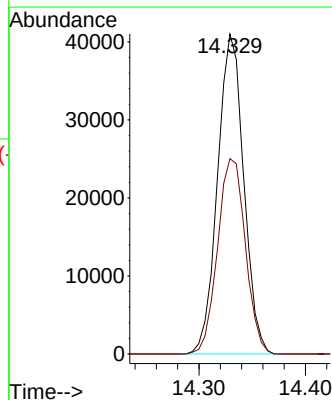
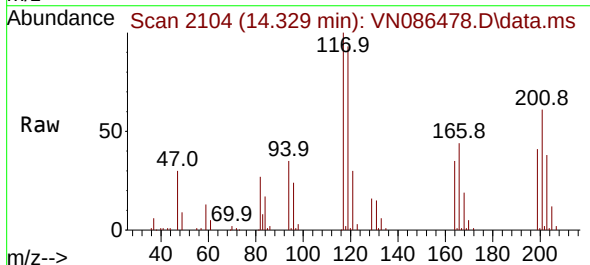
Manual Integrations
APPROVED

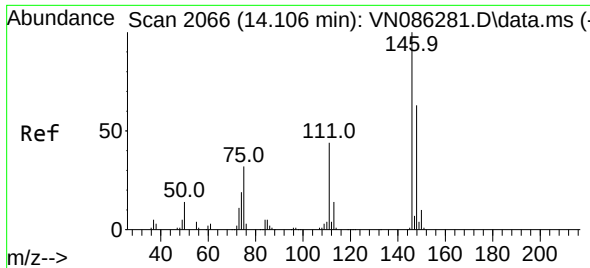
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#90
Hexachloroethane
Concen: 46.800 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:117 Resp: 69887
Ion Ratio Lower Upper
117 100
201 64.8 31.4 94.2





#91
1,2-Dichlorobenzene
Concen: 53.131 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

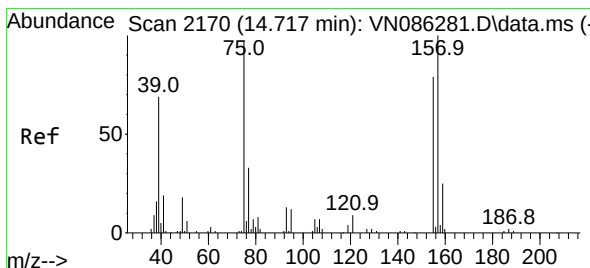
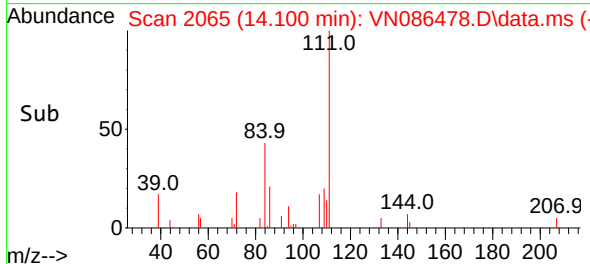
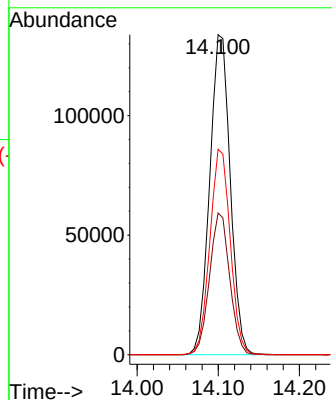
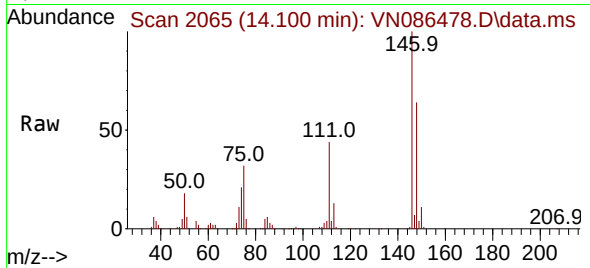
VSTDCCC050

Tgt Ion:146 Resp: 234928
Ion Ratio Lower Upper
146 100
111 43.6 22.4 67.0
148 63.9 31.8 95.4

Manual Integrations

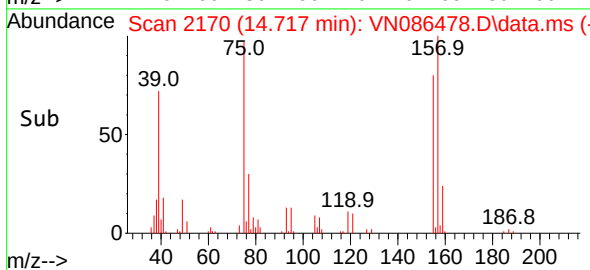
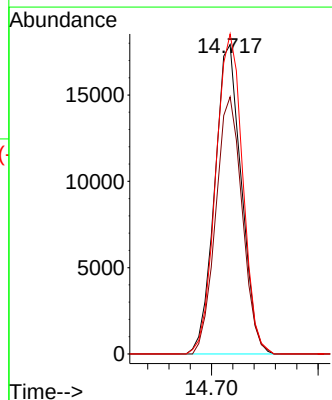
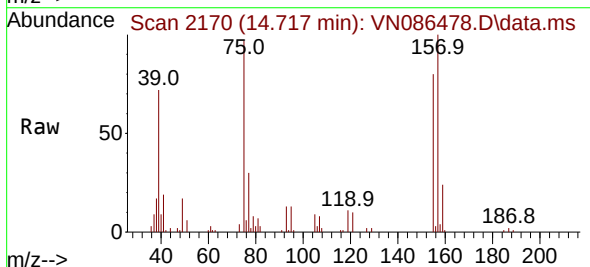
APPROVED

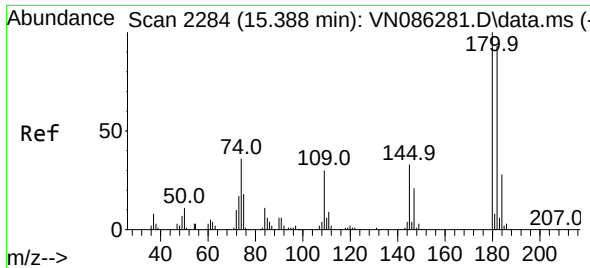
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.038 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

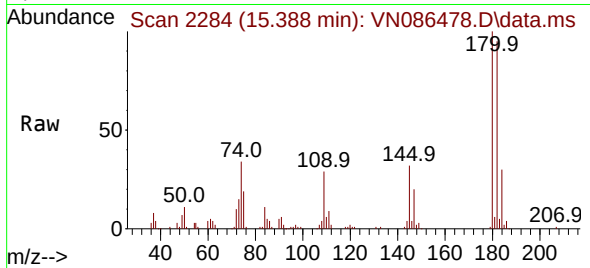
Tgt Ion: 75 Resp: 31129
Ion Ratio Lower Upper
75 100
155 82.6 40.3 120.9
157 104.5 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 53.621 ug/l
RT: 15.388 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

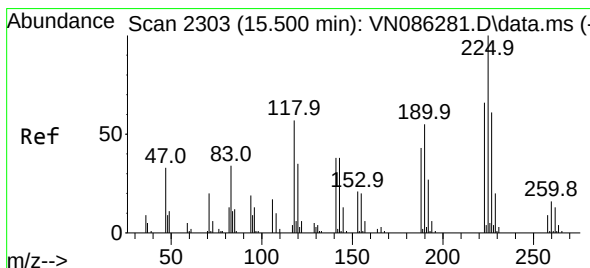
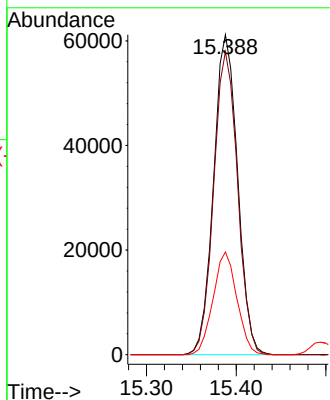
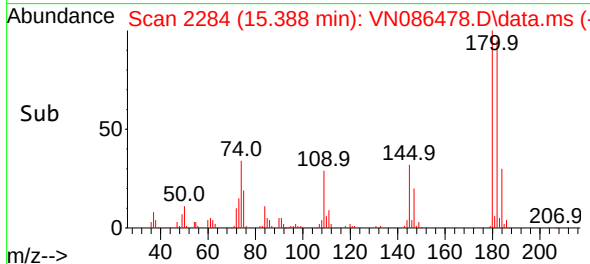
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



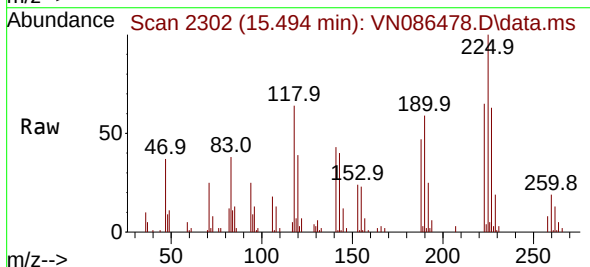
Tgt Ion:180 Resp: 11353
Ion Ratio Lower Upper
180 100
182 94.3 47.0 141.0
145 31.9 16.4 49.1

Manual Integrations
APPROVED

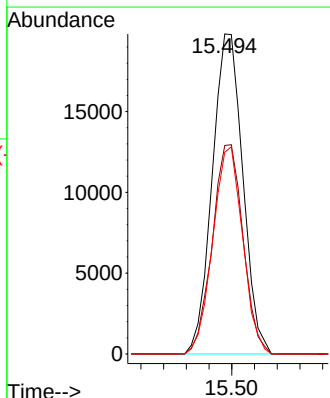
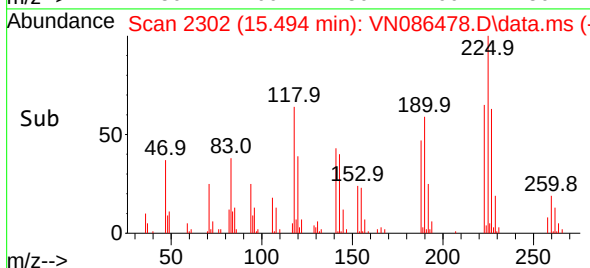
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

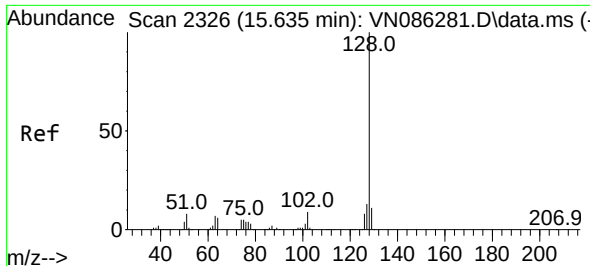


#94
Hexachlorobutadiene
Concen: 46.233 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



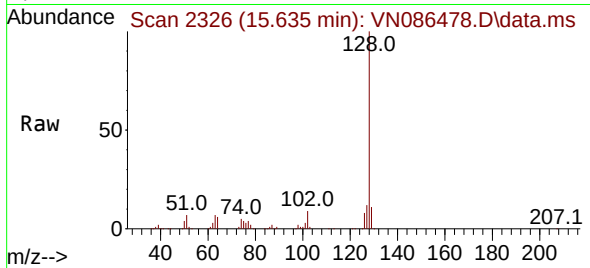
Tgt Ion:225 Resp: 36952
Ion Ratio Lower Upper
225 100
223 65.7 32.8 98.3
227 63.2 31.4 94.0





#95
Naphthalene
Concen: 51.308 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

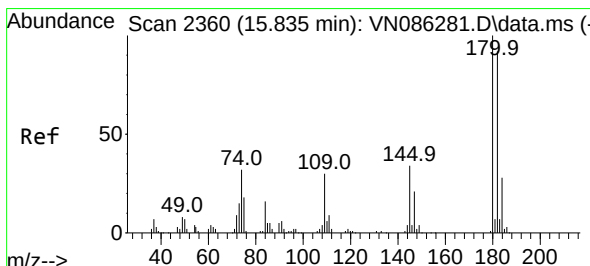
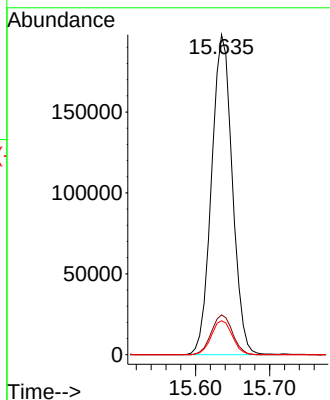
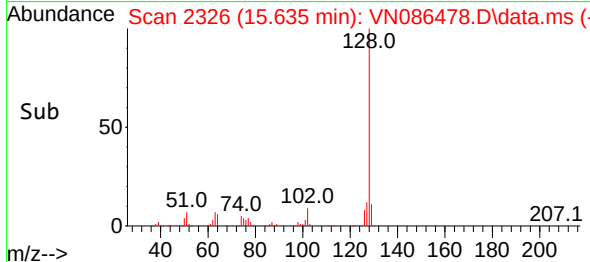
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 385090
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.440 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:180 Resp: 107122
Ion Ratio Lower Upper
180 100
182 95.3 47.3 142.0
145 33.5 17.2 51.5

