

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013025\
 Data File : VN085576.D
 Acq On : 30 Jan 2025 13:08
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 31 02:33:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	183741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	313882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143955	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	156421	52.739	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.480%	
35) Dibromofluoromethane	8.165	113	116235	53.378	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.760%	
50) Toluene-d8	10.565	98	422608	54.623	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.240%	
62) 4-Bromofluorobenzene	12.847	95	149779	56.593	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 113.180%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	106403	42.770	ug/l	99
3) Chloromethane	2.359	50	114357	42.455	ug/l	99
4) Vinyl Chloride	2.512	62	118602	43.806	ug/l	97
5) Bromomethane	2.947	94	72156	44.121	ug/l	92
6) Chloroethane	3.118	64	83744	48.788	ug/l	96
7) Trichlorofluoromethane	3.495	101	191315	48.700	ug/l	98
8) Diethyl Ether	3.965	74	62826	46.293	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	110832	50.090	ug/l	99
10) Methyl Iodide	4.589	142	128183	50.588	ug/l	98
11) Tert butyl alcohol	5.518	59	102026	300.411	ug/l	100
12) 1,1-Dichloroethene	4.342	96	93887	47.611	ug/l	97
13) Acrolein	4.177	56	101928	219.855	ug/l	99
14) Allyl chloride	5.024	41	146287	45.717	ug/l	97
15) Acrylonitrile	5.712	53	298124	276.361	ug/l	100
16) Acetone	4.418	43	252330	263.302	ug/l	97
17) Carbon Disulfide	4.712	76	239608	39.463	ug/l	100
18) Methyl Acetate	5.024	43	167533	57.490	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	348608	54.443	ug/l	100
20) Methylene Chloride	5.277	84	119755	50.478	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	104539	49.604	ug/l	98
22) Diisopropyl ether	6.665	45	387564	54.569	ug/l	99
23) Vinyl Acetate	6.600	43	1364741	274.572	ug/l	99
24) 1,1-Dichloroethane	6.565	63	224523	51.845	ug/l	100
25) 2-Butanone	7.477	43	388510	275.487	ug/l	100
26) 2,2-Dichloropropane	7.488	77	190914	54.526	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	129662	52.236	ug/l	100
28) Bromochloromethane	7.812	49	92566	45.943	ug/l	100
29) Tetrahydrofuran	7.835	42	261106	292.028	ug/l	99
30) Chloroform	7.965	83	237004	52.951	ug/l	98
31) Cyclohexane	8.253	56	166174	44.147	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	207040	52.734	ug/l	98
36) 1,1-Dichloropropene	8.365	75	150755	49.328	ug/l	100
37) Ethyl Acetate	7.553	43	161263	52.277	ug/l	98
38) Carbon Tetrachloride	8.359	117	181734	51.942	ug/l	98
39) Methylcyclohexane	9.600	83	138891	48.362	ug/l	98
40) Benzene	8.600	78	472356	51.439	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	87457	54.494	ug/l	99
42) 1,2-Dichloroethane	8.671	62	182518	52.773	ug/l	100
43) Isopropyl Acetate	8.688	43	271592	54.946	ug/l	100
44) Trichloroethene	9.347	130	103161	48.262	ug/l	94
45) 1,2-Dichloropropane	9.618	63	125383	53.456	ug/l	99
46) Dibromomethane	9.706	93	89758	53.034	ug/l	100
47) Bromodichloromethane	9.882	83	191163	55.441	ug/l	98
48) Methyl methacrylate	9.676	41	127818	57.462	ug/l	98
49) 1,4-Dioxane	9.688	88	41260	1101.481	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	862307	300.635	ug/l	100
52) Toluene	10.623	92	296774	55.777	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	179055	54.950	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	190400	54.703	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	118122	56.098	ug/l	99
56) Ethyl methacrylate	10.871	69	177570	50.059	ug/l	98
57) 1,3-Dichloropropane	11.159	76	202300	55.253	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	380492	284.749	ug/l	100
59) 2-Hexanone	11.194	43	627583	310.960	ug/l	99
60) Dibromochloromethane	11.359	129	142781	56.166	ug/l	99
61) 1,2-Dibromoethane	11.465	107	113470	54.137	ug/l	97
64) Tetrachloroethene	11.100	164	100903	51.614	ug/l	98
65) Chlorobenzene	11.888	112	314692	50.094	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	122150	52.979	ug/l	98
67) Ethyl Benzene	11.959	91	558580	54.592	ug/l	99
68) m/p-Xylenes	12.070	106	428391	113.286	ug/l	99
69) o-Xylene	12.394	106	202523	56.041	ug/l	98
70) Styrene	12.406	104	354949	59.347	ug/l	99
71) Bromoform	12.576	173	94600	57.343	ug/l #	98
73) Isopropylbenzene	12.694	105	512541	52.754	ug/l	99
74) N-amyl acetate	12.488	43	233929	53.567	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	171223	49.890	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	223832	76.500	ug/l	46
77) Bromobenzene	12.976	156	130776	51.520	ug/l	99
78) n-propylbenzene	13.035	91	629351	54.718	ug/l	100
79) 2-Chlorotoluene	13.123	91	387181	52.013	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	450252	56.104	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	57144	52.840	ug/l	94
82) 4-Chlorotoluene	13.217	91	390572	52.696	ug/l	99
83) tert-Butylbenzene	13.435	119	365993	54.306	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	448357	56.054	ug/l	99
85) sec-Butylbenzene	13.612	105	512993	54.921	ug/l	99
86) p-Isopropyltoluene	13.723	119	427384	50.722	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	242512	51.878	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	235950	48.695	ug/l	99
89) n-Butylbenzene	14.053	91	351238	52.416	ug/l	99
90) Hexachloroethane	14.329	117	89687	50.438	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	235032	50.405	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32963	52.597	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	105261	48.570	ug/l	99
94) Hexachlorobutadiene	15.494	225	52187	45.357	ug/l	96
95) Naphthalene	15.635	128	323993	50.099	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	107090	48.836	ug/l	99

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QLast Update : Wed Jan 15 02:16:08 2025
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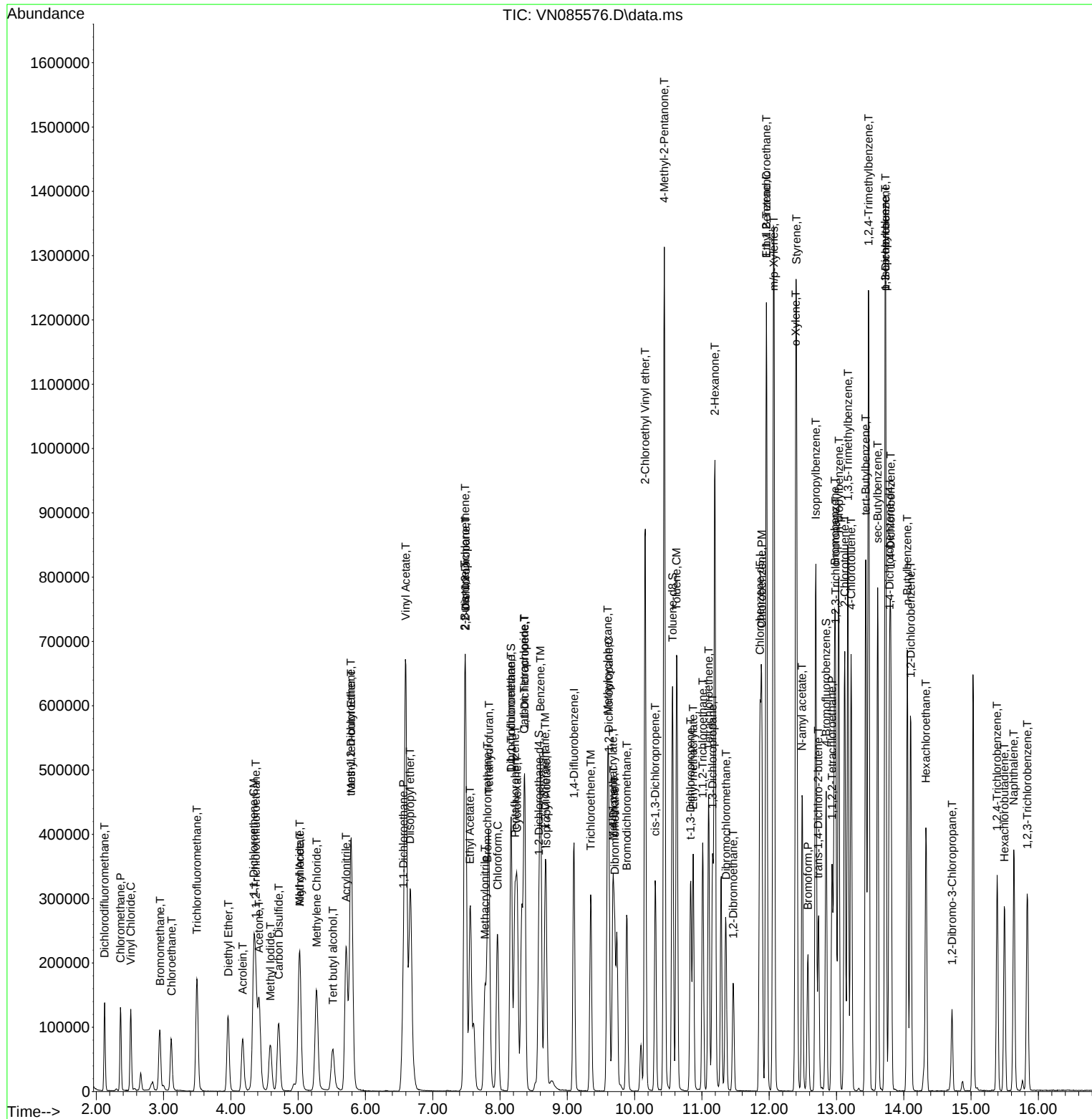
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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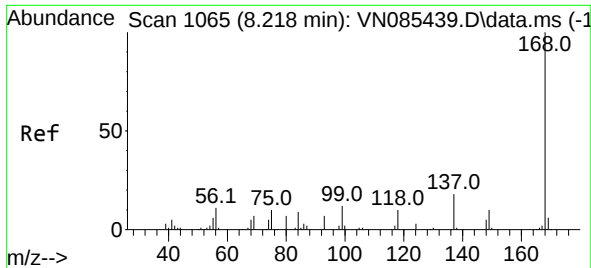
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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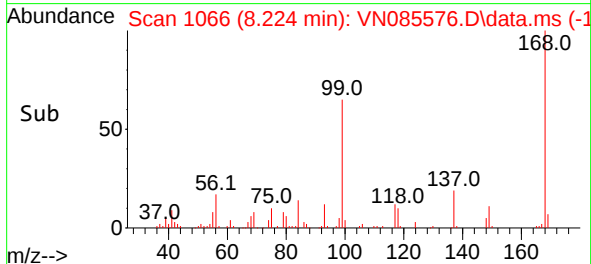
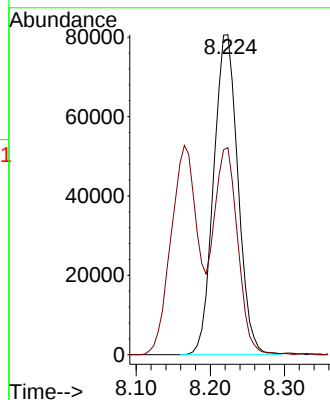
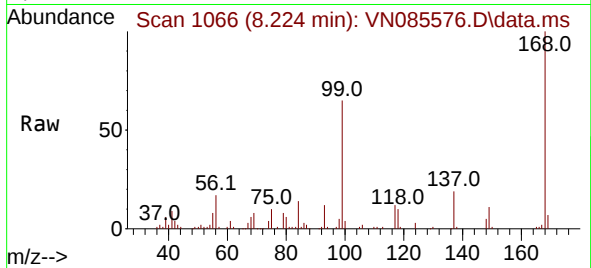




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085576.D
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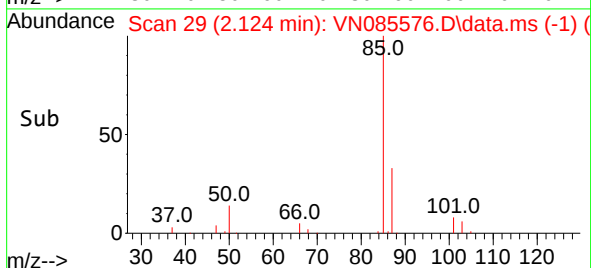
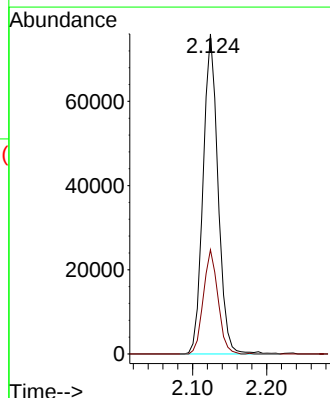
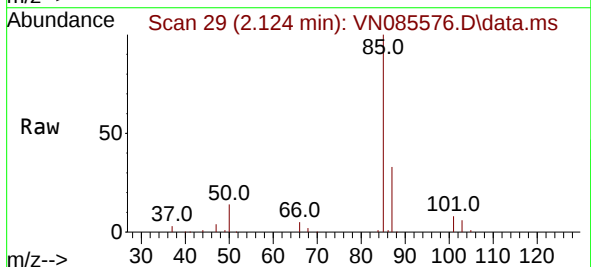
Instrument :
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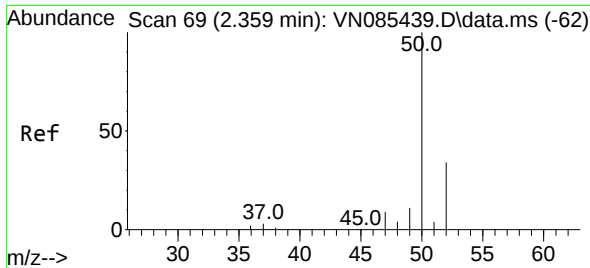
Tgt Ion:168 Resp: 183741
Ion Ratio Lower Upper
168 100
99 64.3 53.6 80.4



#2
Dichlorodifluoromethane
Concen: 42.770 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion: 85 Resp: 106403
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.1

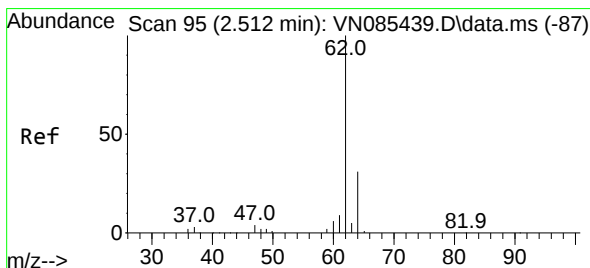
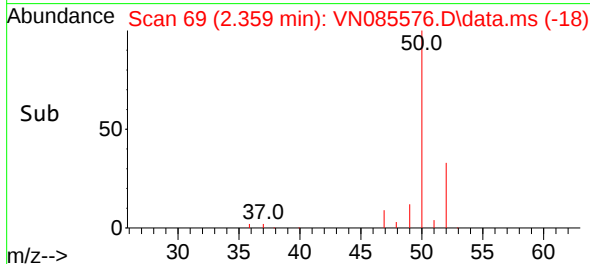
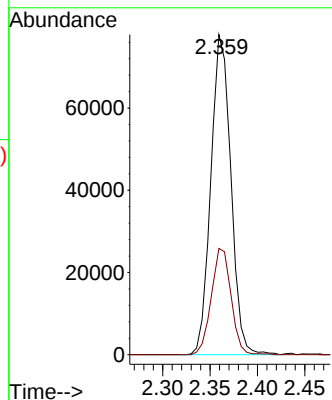
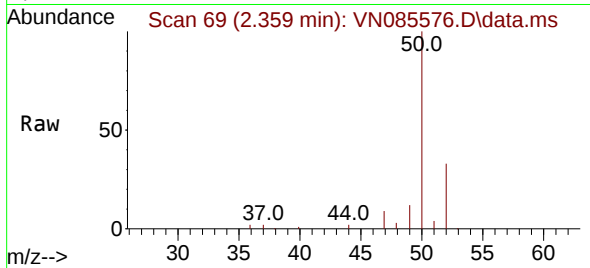




#3
Chloromethane
Concen: 42.455 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

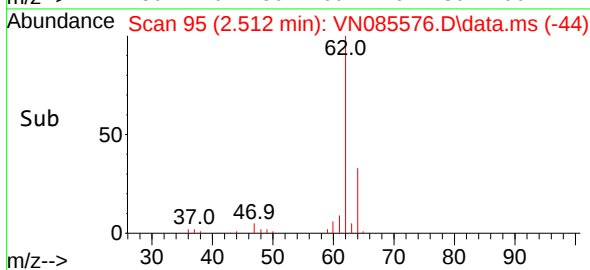
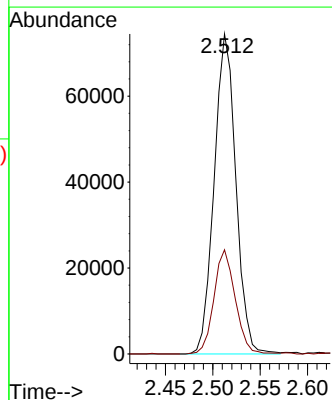
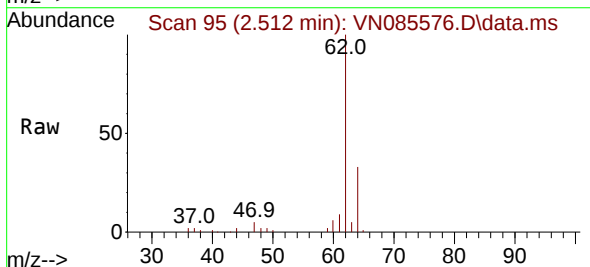
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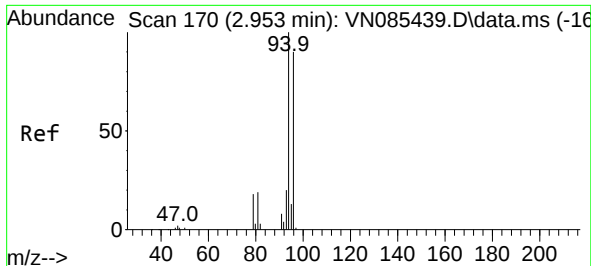
Tgt Ion: 50 Resp: 114357
Ion Ratio Lower Upper
50 100
52 33.2 27.0 40.6



#4
Vinyl Chloride
Concen: 43.806 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
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Acq: 30 Jan 2025 13:08

Tgt Ion: 62 Resp: 118602
Ion Ratio Lower Upper
62 100
64 32.6 24.8 37.2

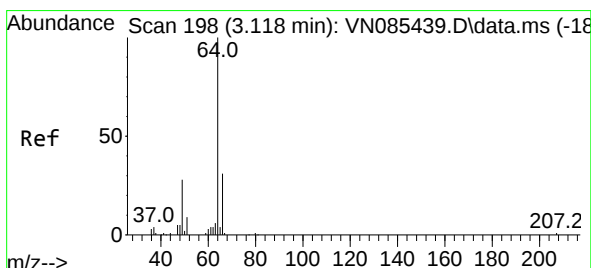
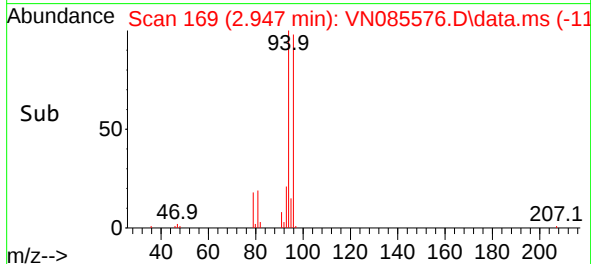
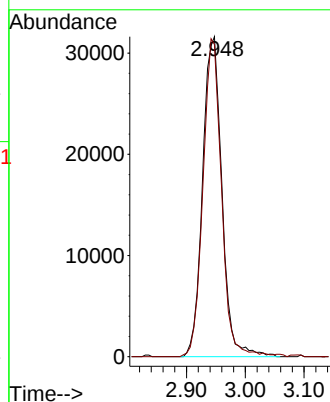
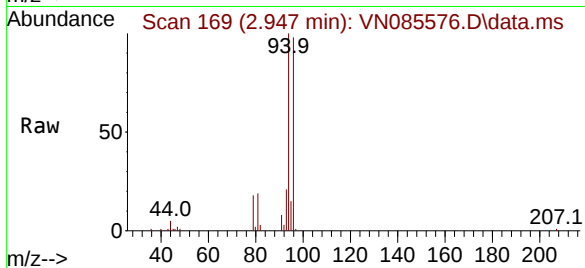




#5
Bromomethane
Concen: 44.121 ug/l
RT: 2.947 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN085576.D
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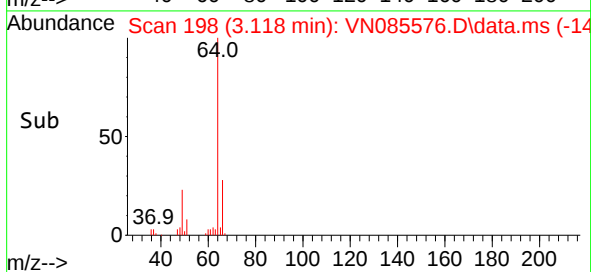
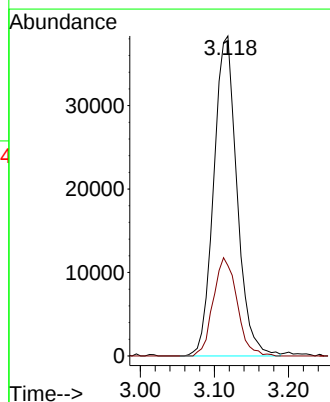
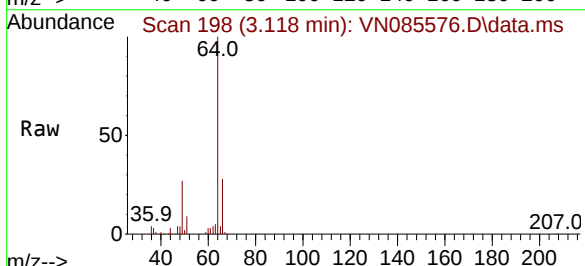
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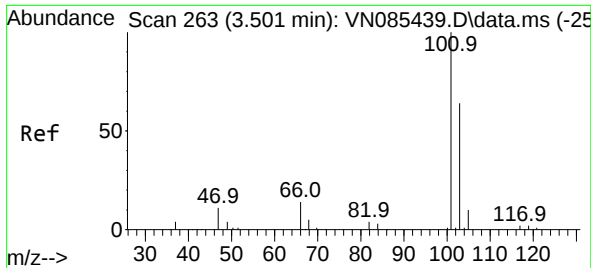
Tgt Ion: 94 Resp: 72156
Ion Ratio Lower Upper
94 100
96 97.5 71.8 107.6



#6
Chloroethane
Concen: 48.788 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN085576.D
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Tgt Ion: 64 Resp: 83744
Ion Ratio Lower Upper
64 100
66 28.2 24.6 36.8

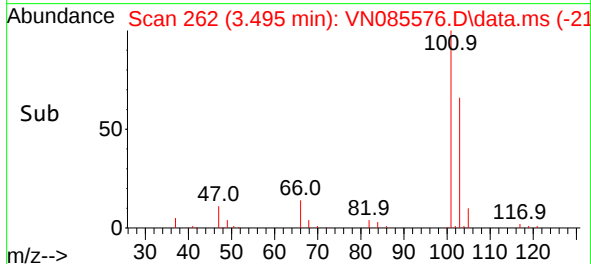
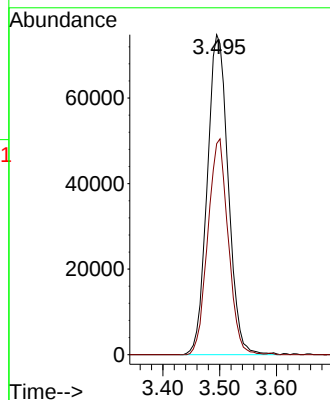
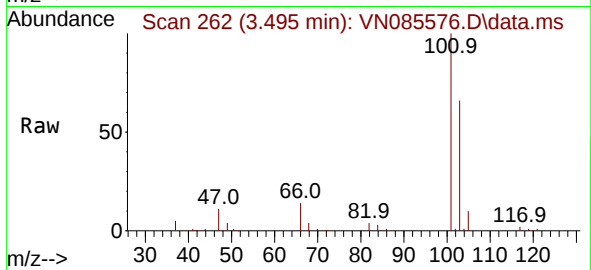




#7
Trichlorofluoromethane
Concen: 48.700 ug/l
RT: 3.495 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN085576.D
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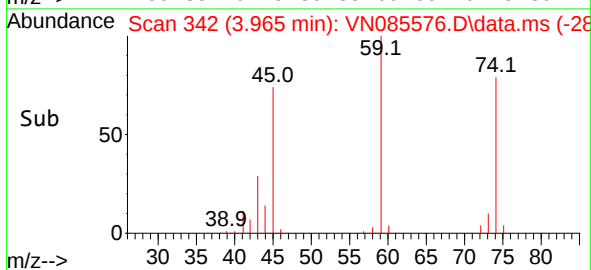
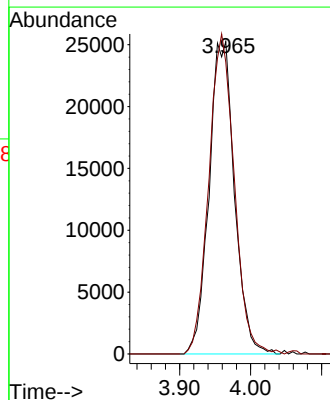
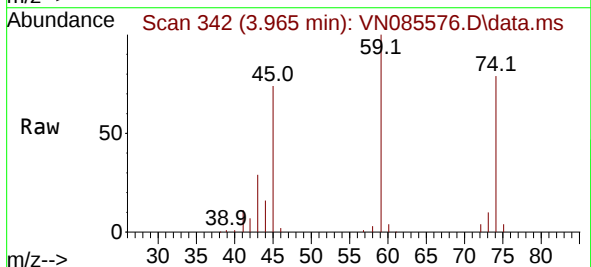
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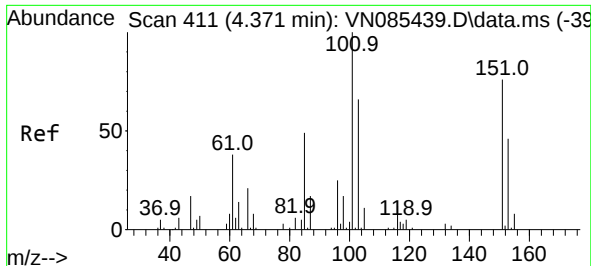
Tgt Ion:101 Resp: 191315
Ion Ratio Lower Upper
101 100
103 65.9 51.4 77.2



#8
Diethyl Ether
Concen: 46.293 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion: 74 Resp: 62826
Ion Ratio Lower Upper
74 100
45 102.7 49.7 149.1

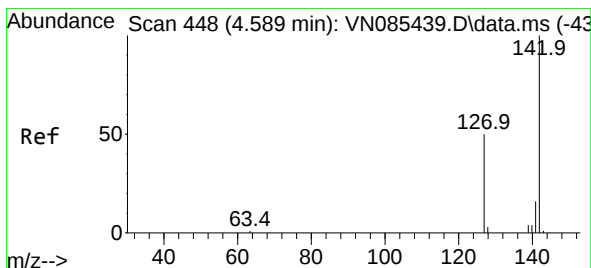
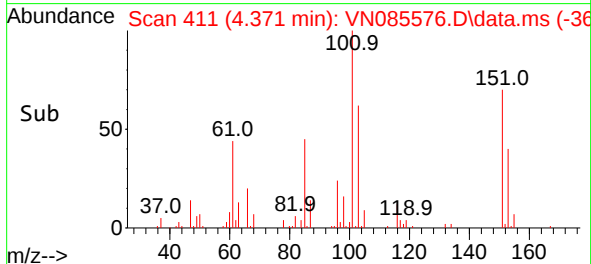
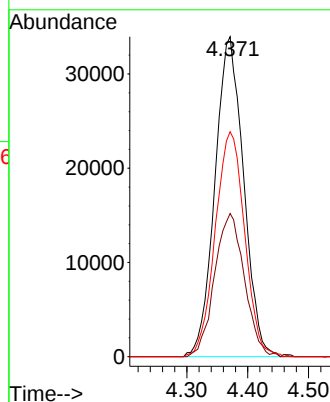
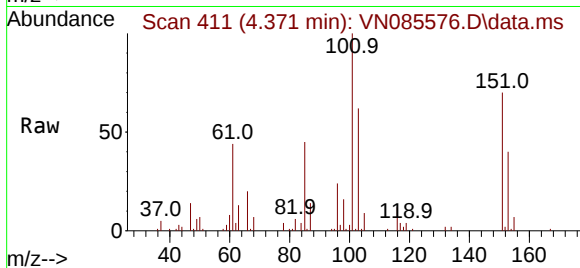




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.090 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

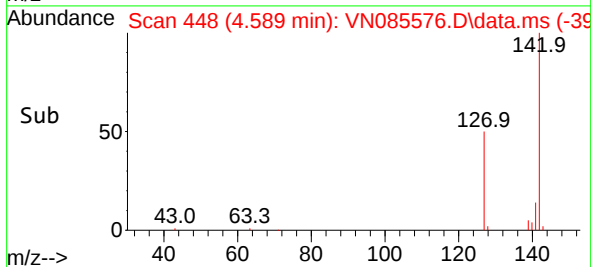
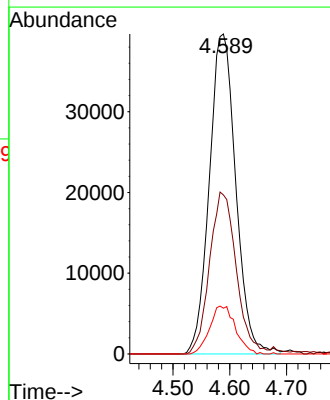
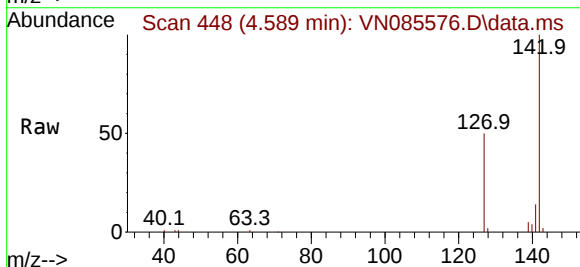
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

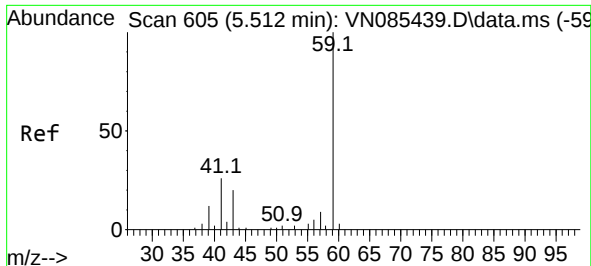
Tgt Ion:101 Resp: 110832
Ion Ratio Lower Upper
101 100
85 46.5 37.8 56.8
151 72.3 58.8 88.2



#10
Methyl Iodide
Concen: 50.588 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion:142 Resp: 128183
Ion Ratio Lower Upper
142 100
127 49.7 40.3 60.5
141 14.3 12.8 19.2

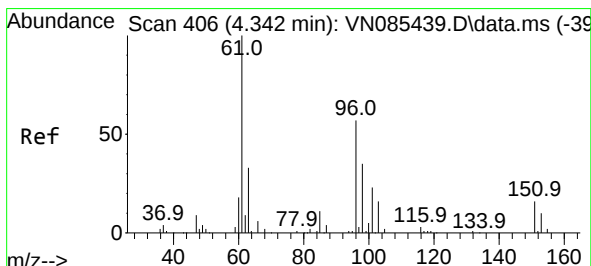
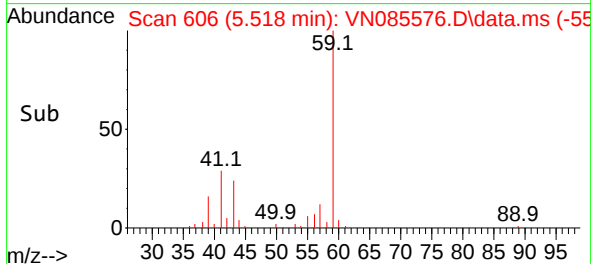
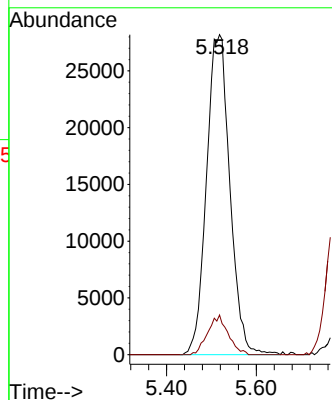
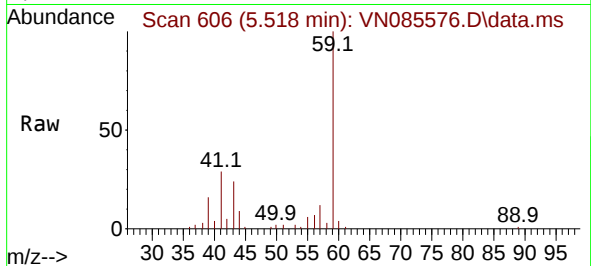




#11
Tert butyl alcohol
Concen: 300.411 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

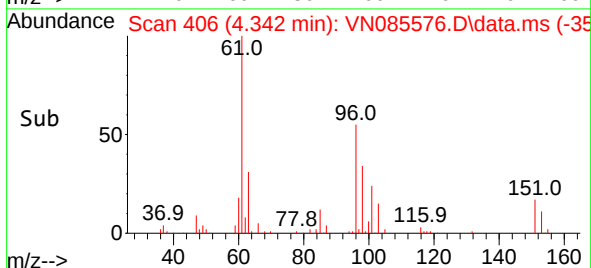
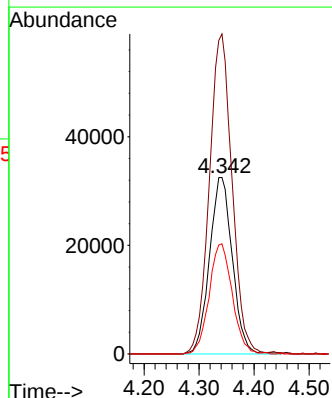
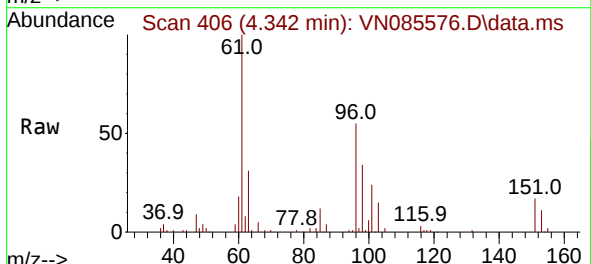
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 102026
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0



#12
1,1-Dichloroethene
Concen: 47.611 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion: 96 Resp: 93887
Ion Ratio Lower Upper
96 100
61 181.3 141.0 211.4
98 62.4 49.0 73.6





#13

Acrolein

Concen: 219.855 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN085576.D

Acq: 30 Jan 2025 13:08

Instrument :

MSVOA_N

ClientSampleId :

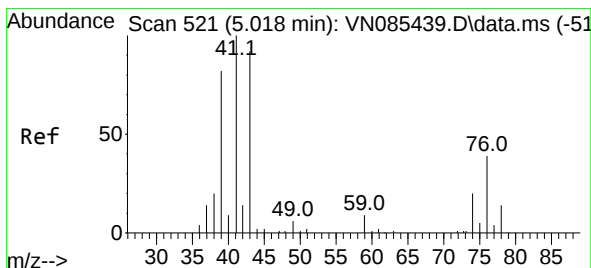
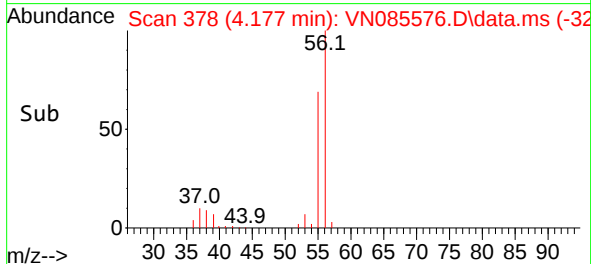
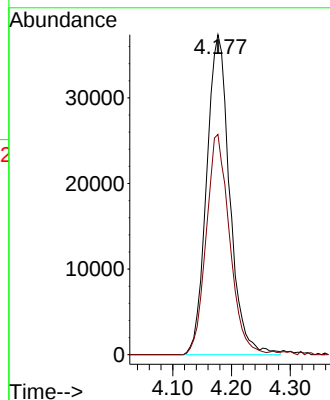
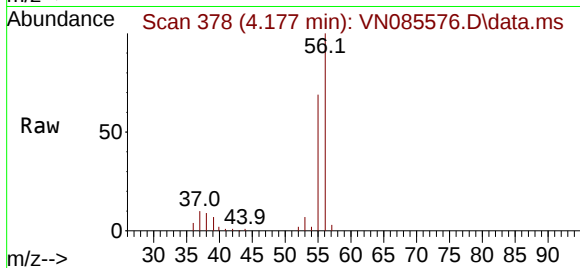
VSTDCCC050

Tgt Ion: 56 Resp: 101928

Ion Ratio Lower Upper

56 100

55 69.7 56.3 84.5



#14

Allyl chloride

Concen: 45.717 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085576.D

Acq: 30 Jan 2025 13:08

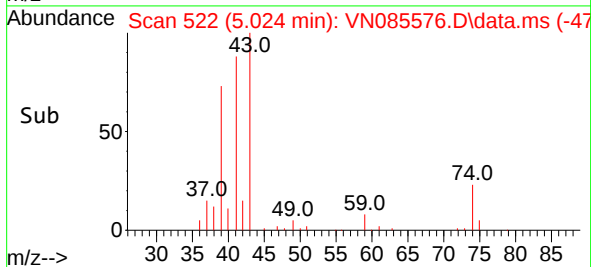
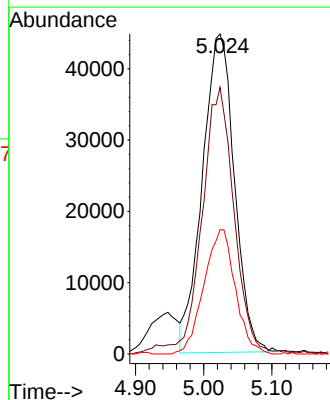
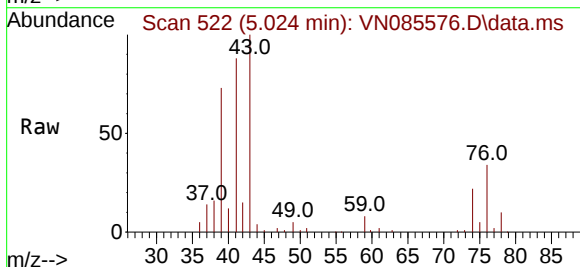
Tgt Ion: 41 Resp: 146287

Ion Ratio Lower Upper

41 100

39 84.2 64.4 96.6

76 38.1 30.5 45.7

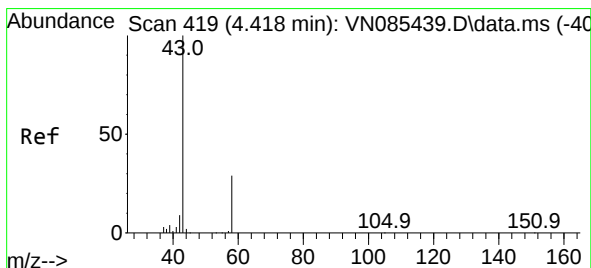
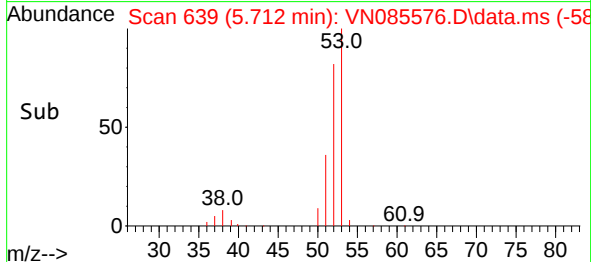
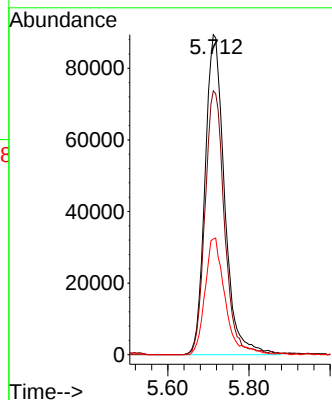
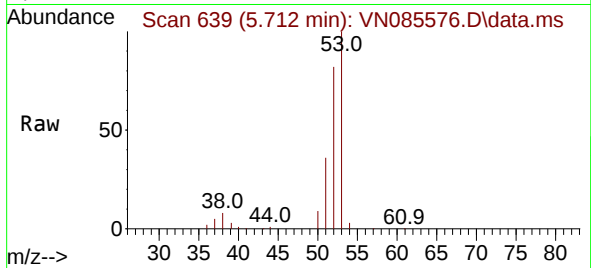




#15
Acrylonitrile
Concen: 276.361 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

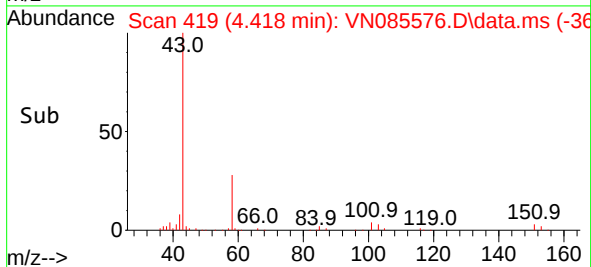
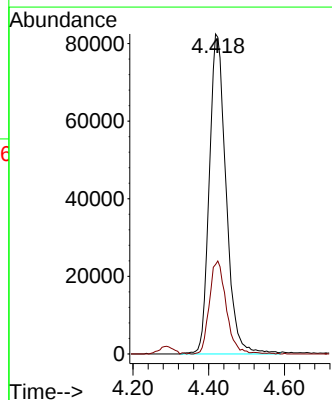
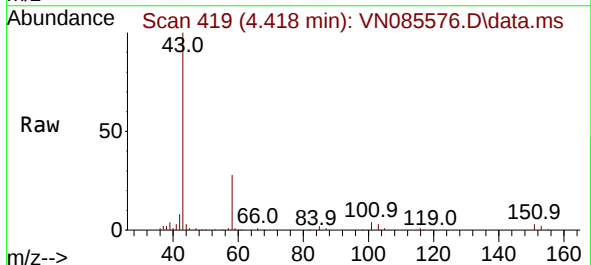
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

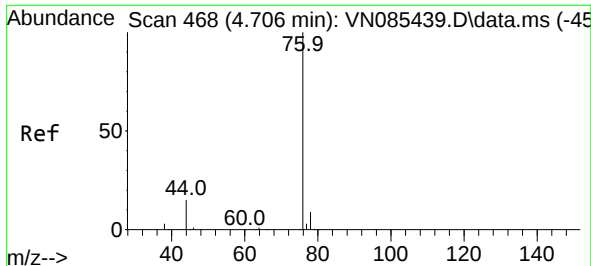
Tgt Ion: 53 Resp: 298124
Ion Ratio Lower Upper
53 100
52 81.8 65.5 98.3
51 37.5 29.8 44.8



#16
Acetone
Concen: 263.302 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion: 43 Resp: 252330
Ion Ratio Lower Upper
43 100
58 28.0 23.8 35.6

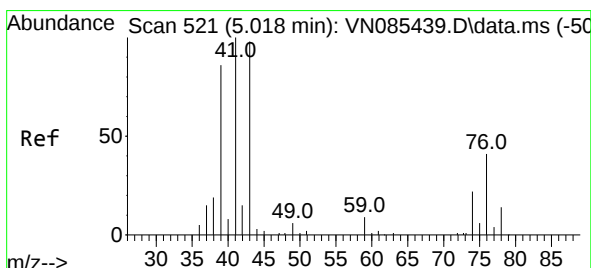
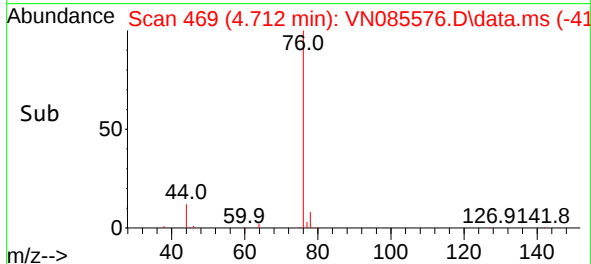
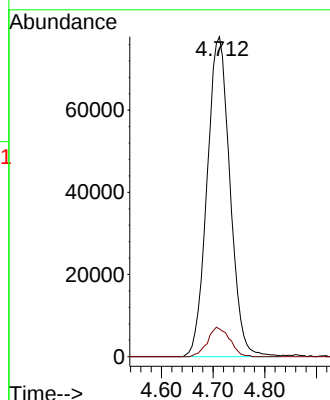
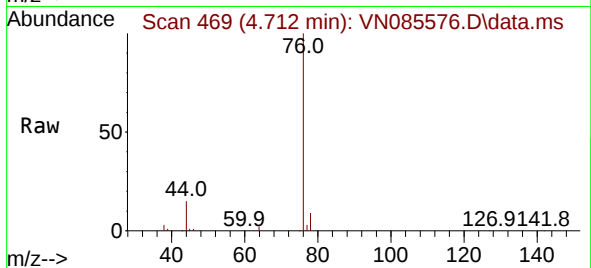




#17
Carbon Disulfide
Concen: 39.463 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

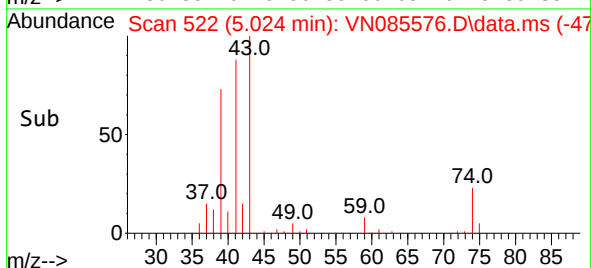
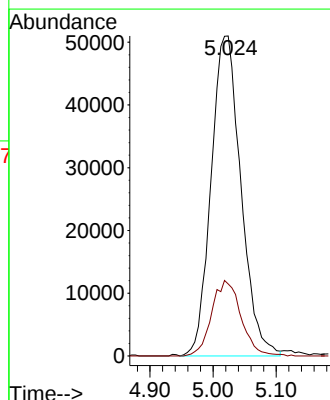
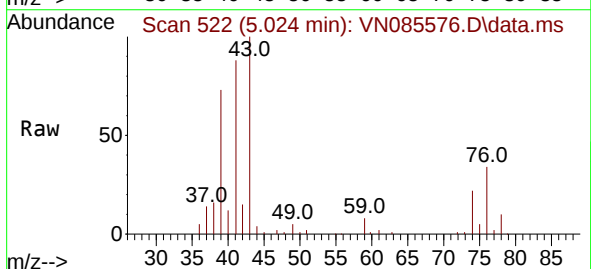
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

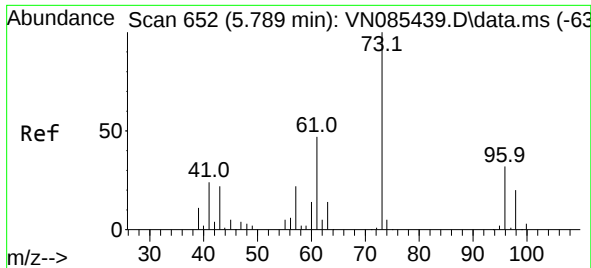
Tgt Ion: 76 Resp: 239608
Ion Ratio Lower Upper
76 100
78 8.7 6.9 10.3



#18
Methyl Acetate
Concen: 57.490 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion: 43 Resp: 167533
Ion Ratio Lower Upper
43 100
74 23.2 18.6 28.0

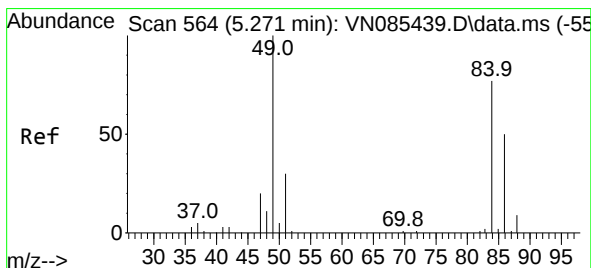
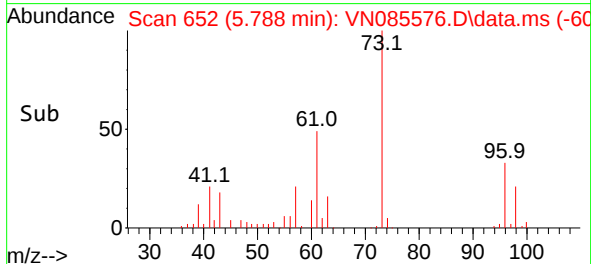
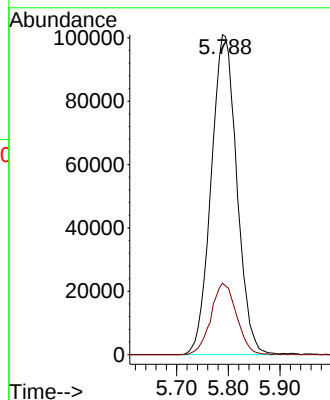
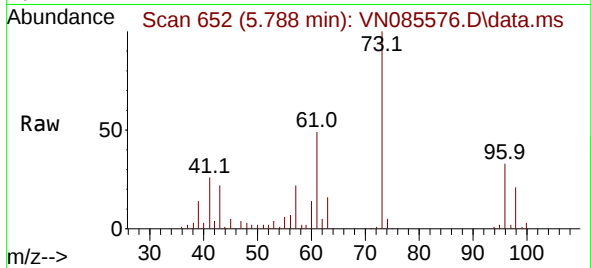




#19
Methyl tert-butyl Ether
Concen: 54.443 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

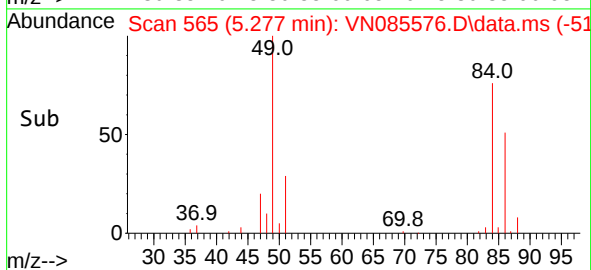
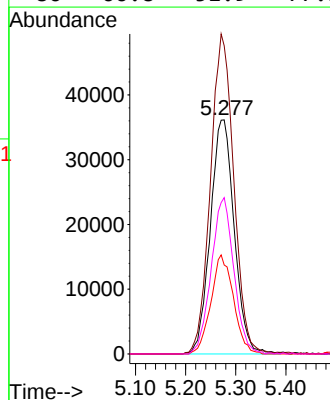
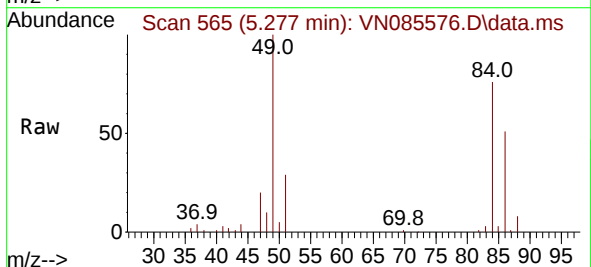
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

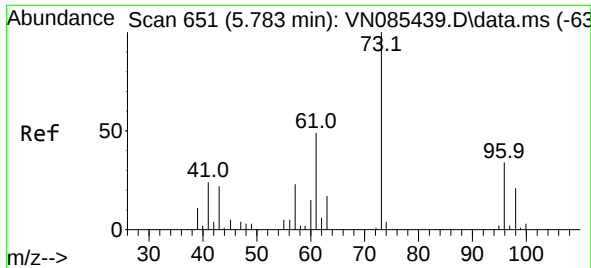
Tgt Ion: 73 Resp: 348608
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.8



#20
Methylene Chloride
Concen: 50.478 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion: 84 Resp: 119755
Ion Ratio Lower Upper
84 100
49 131.6 104.1 156.1
51 38.0 31.0 46.4
86 66.8 51.9 77.9

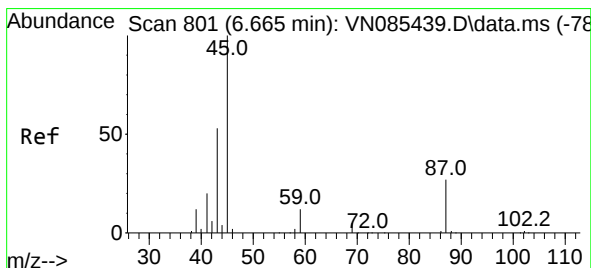
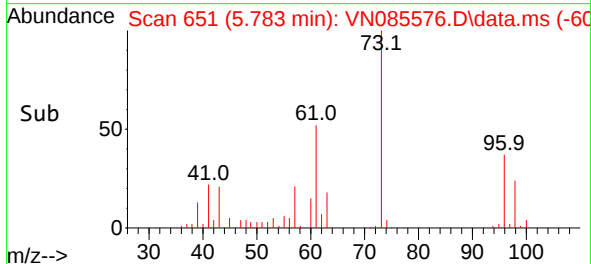
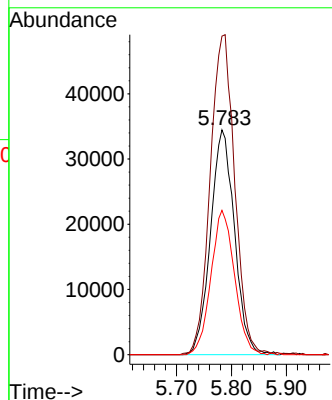
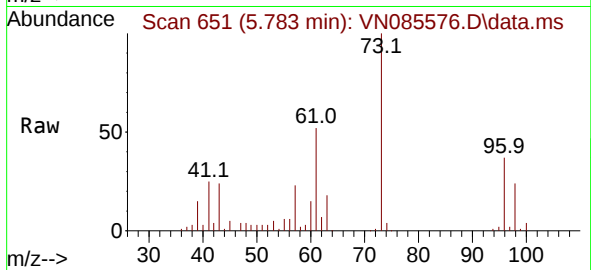




#21
trans-1,2-Dichloroethene
Concen: 49.604 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

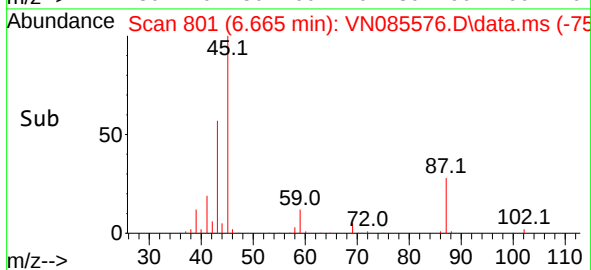
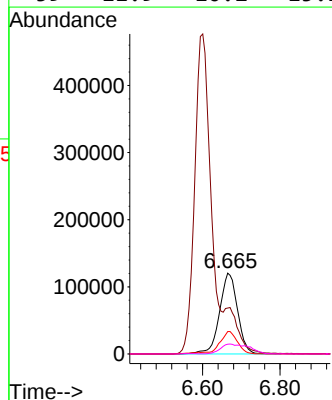
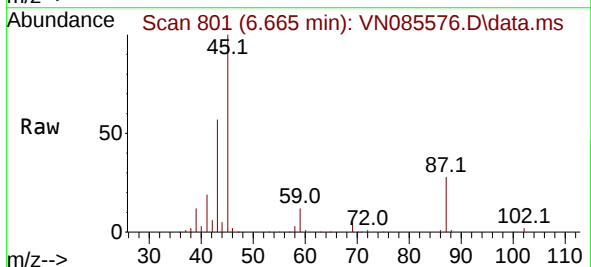
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

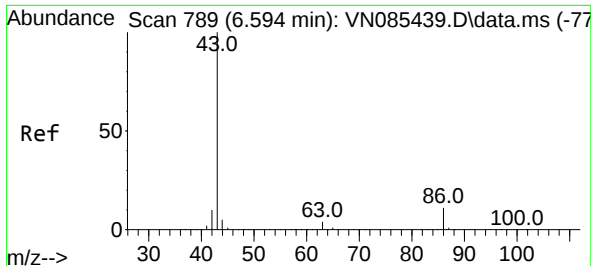
Tgt Ion: 96 Resp: 104539
Ion Ratio Lower Upper
96 100
61 141.7 115.7 173.5
98 64.2 49.8 74.8



#22
Diisopropyl ether
Concen: 54.569 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion: 45 Resp: 387564
Ion Ratio Lower Upper
45 100
43 56.1 45.0 67.6
87 27.8 21.8 32.8
59 11.9 10.2 15.2

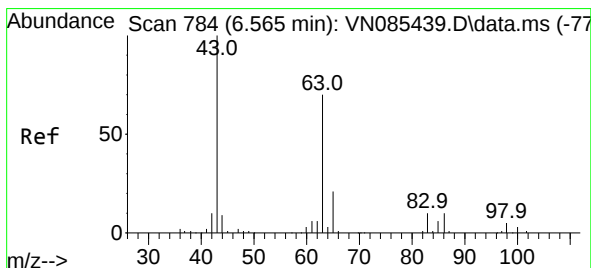
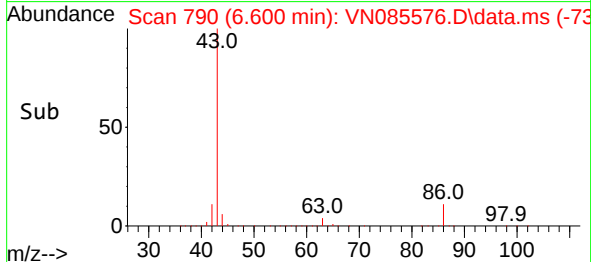
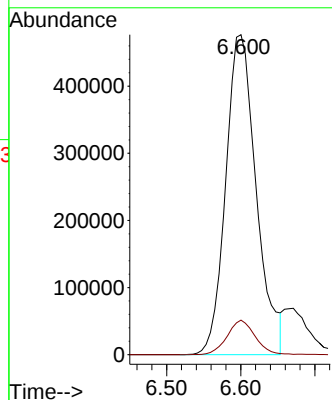
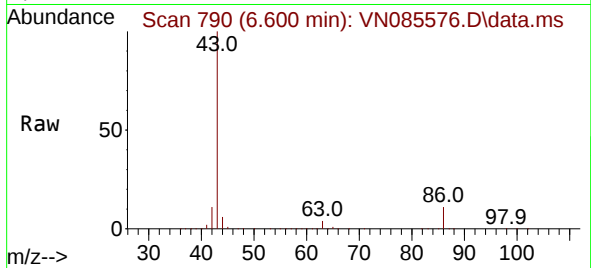




#23
 Vinyl Acetate
 Concen: 274.572 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085576.D
 Acq: 30 Jan 2025 13:08

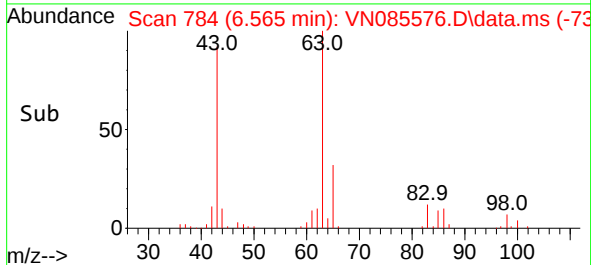
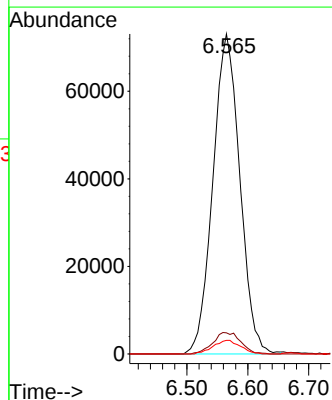
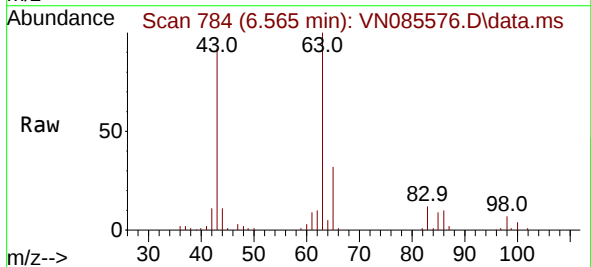
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

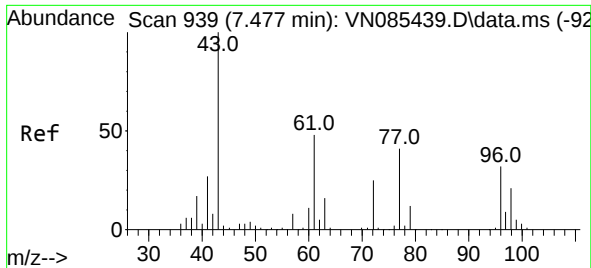
Tgt Ion: 43 Resp: 1364741
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 51.845 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085576.D
 Acq: 30 Jan 2025 13:08

Tgt Ion: 63 Resp: 224523
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.3 2.0 6.0

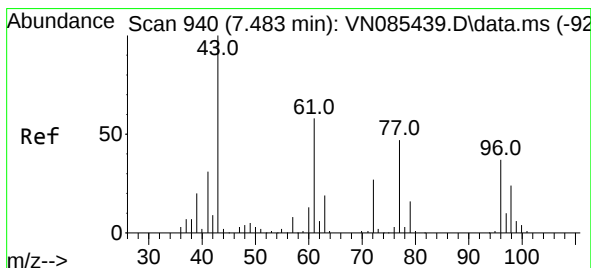
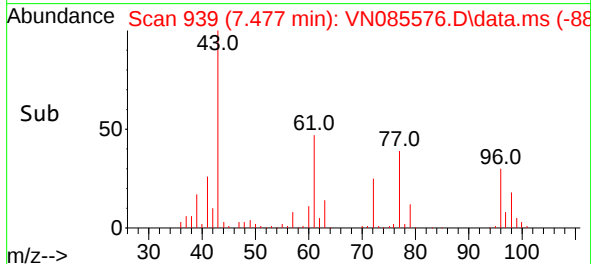
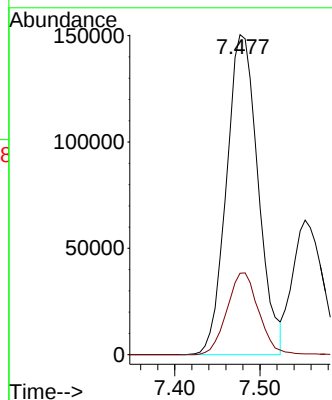
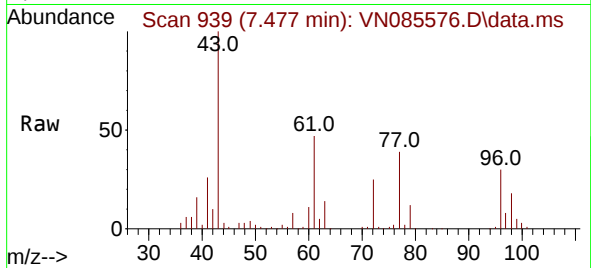




#25
2-Butanone
Concen: 275.487 ug/l
RT: 7.477 min Scan# 910
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

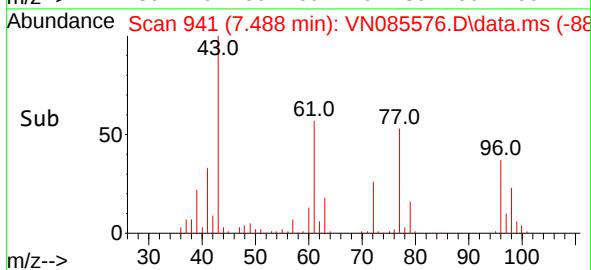
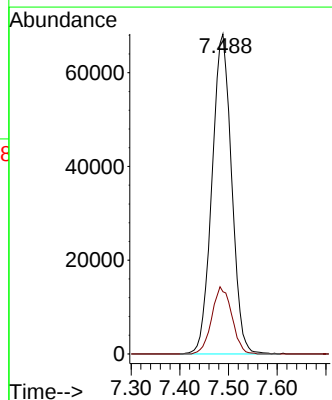
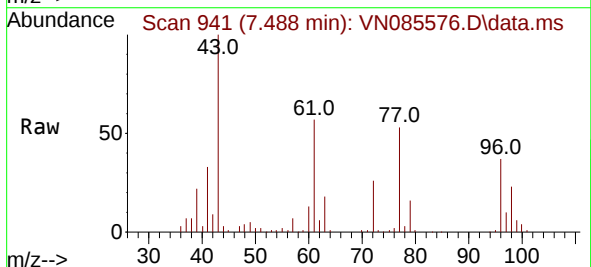
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

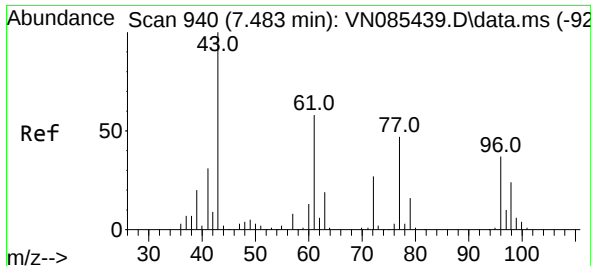
Tgt Ion: 43 Resp: 388510
Ion Ratio Lower Upper
43 100
72 25.4 20.2 30.4



#26
2,2-Dichloropropane
Concen: 54.526 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion: 77 Resp: 190914
Ion Ratio Lower Upper
77 100
97 21.4 10.7 32.1

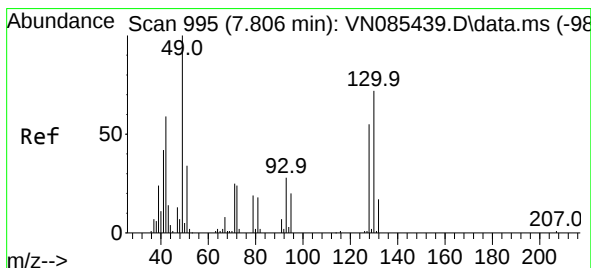
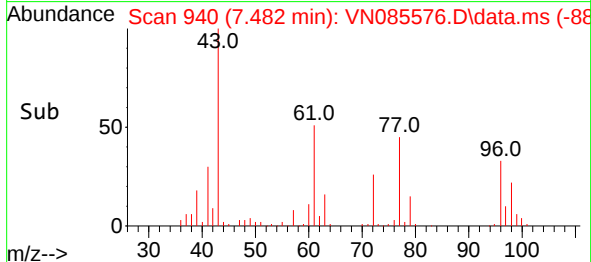
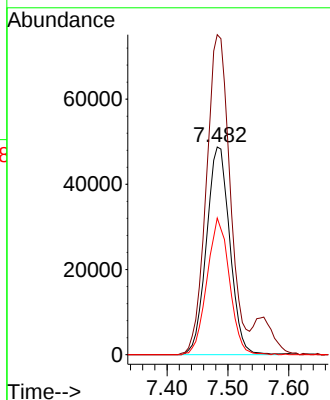
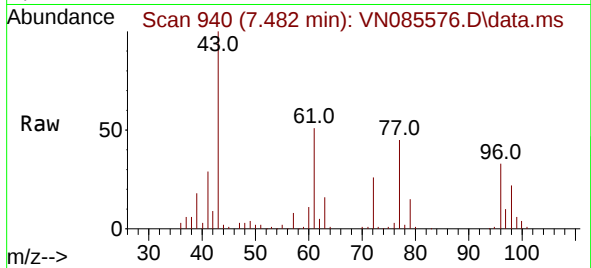




#27
 cis-1,2-Dichloroethene
 Concen: 52.236 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085576.D
 Acq: 30 Jan 2025 13:08

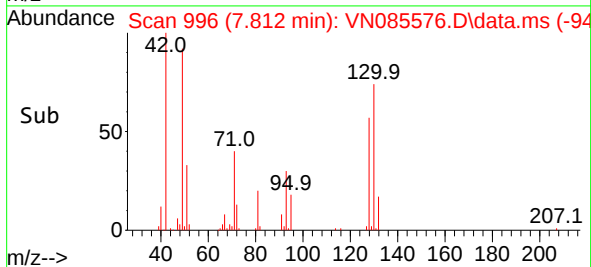
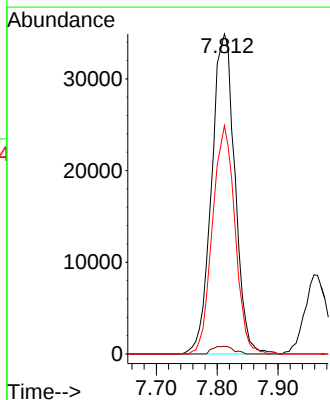
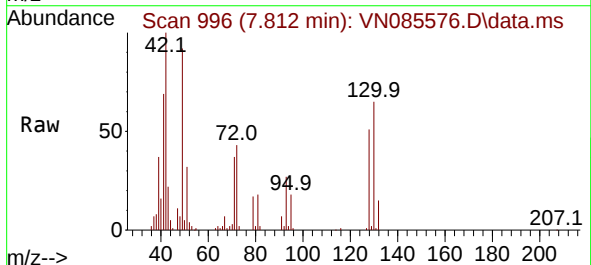
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

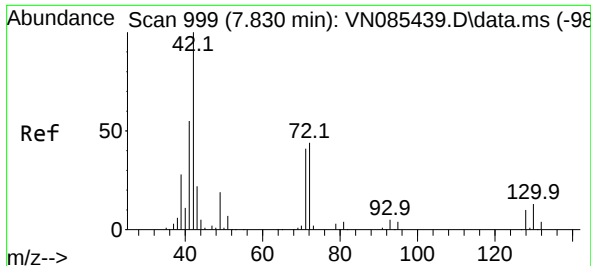
Tgt Ion: 96 Resp: 129662
 Ion Ratio Lower Upper
 96 100
 61 156.4 0.0 311.8
 98 63.3 0.0 126.0



#28
 Bromochloromethane
 Concen: 45.943 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085576.D
 Acq: 30 Jan 2025 13:08

Tgt Ion: 49 Resp: 92566
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 69.0 55.0 82.4





#29

Tetrahydrofuran

Concen: 292.028 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085576.D

Acq: 30 Jan 2025 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

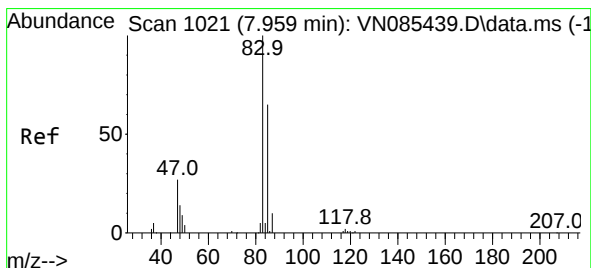
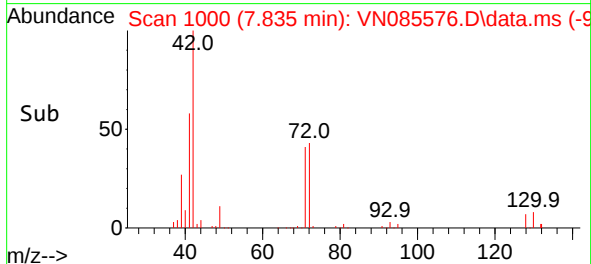
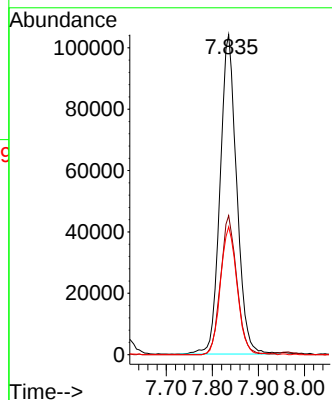
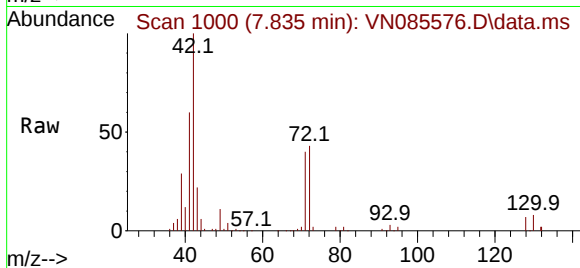
Tgt Ion: 42 Resp: 261106

Ion Ratio Lower Upper

42 100

72 42.5 34.2 51.2

71 40.1 32.5 48.7



#30

Chloroform

Concen: 52.951 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085576.D

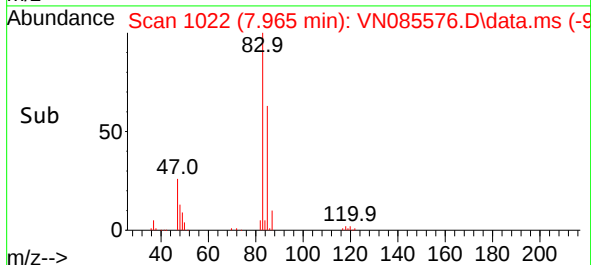
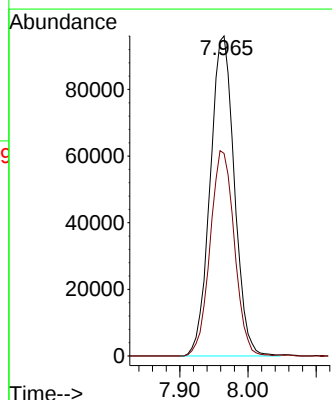
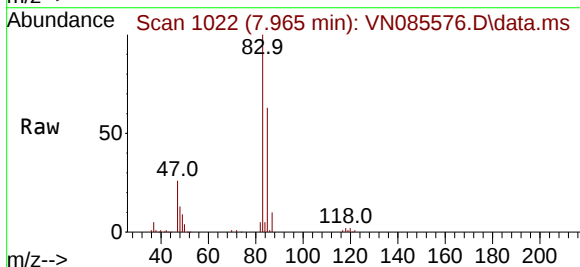
Acq: 30 Jan 2025 13:08

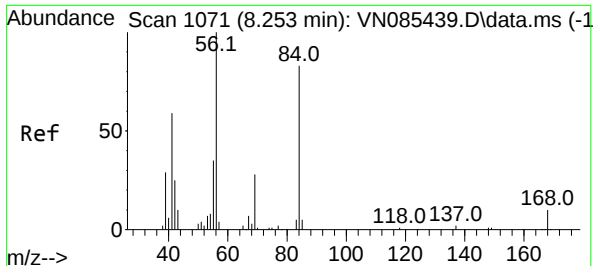
Tgt Ion: 83 Resp: 237004

Ion Ratio Lower Upper

83 100

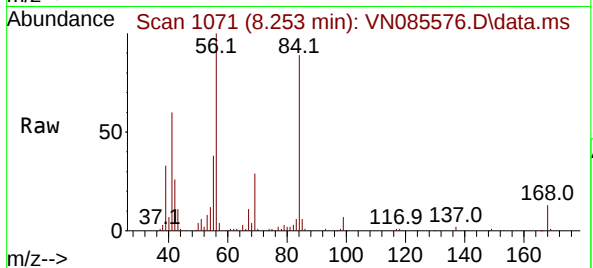
85 63.3 51.8 77.6



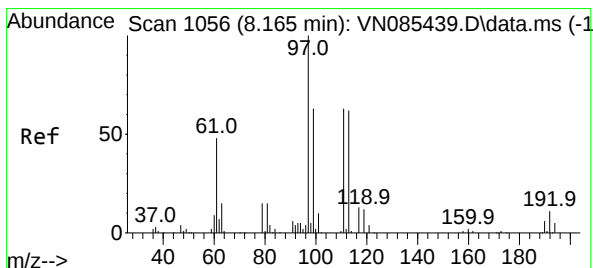
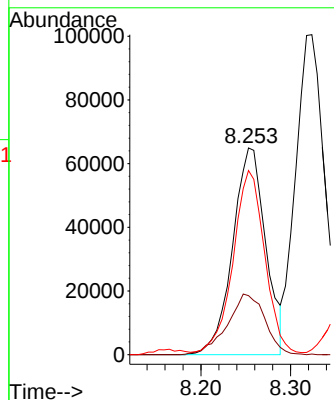
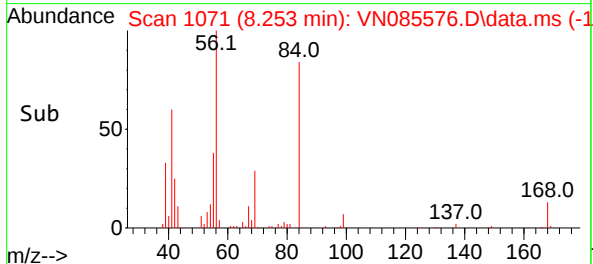


#31
Cyclohexane
Concen: 44.147 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

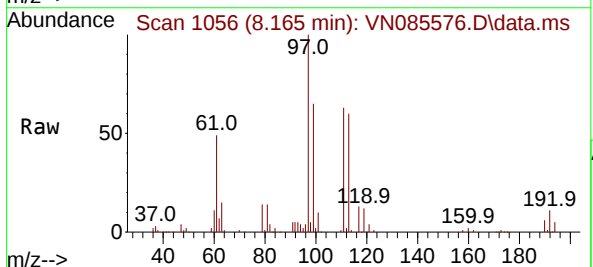
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



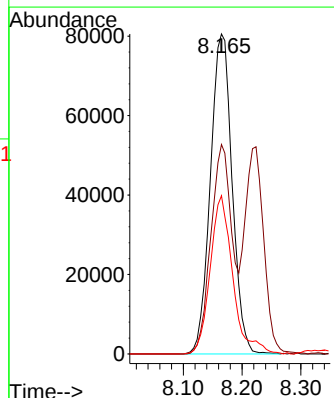
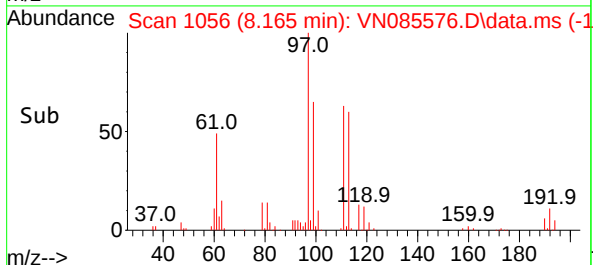
Tgt Ion: 56 Resp: 166174
Ion Ratio Lower Upper
56 100
69 28.6 22.2 33.4
84 87.0 66.4 99.6

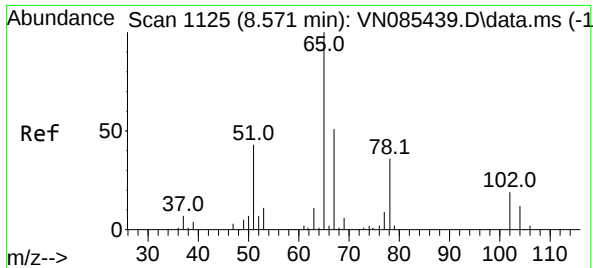


#32
1,1,1-Trichloroethane
Concen: 52.734 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08



Tgt Ion: 97 Resp: 207040
Ion Ratio Lower Upper
97 100
99 64.3 49.8 74.6
61 51.4 41.4 62.2





#33

1,2-Dichloroethane-d4

Concen: 52.739 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085576.D

Acq: 30 Jan 2025 13:08

Instrument :

MSVOA_N

ClientSampleId :

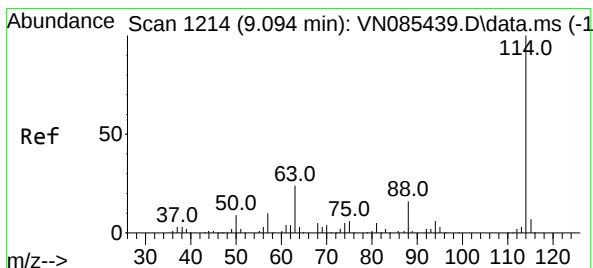
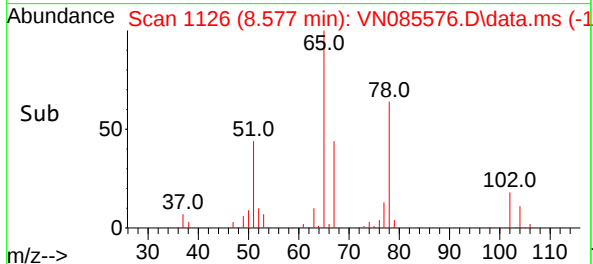
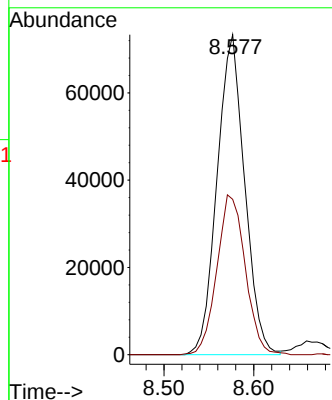
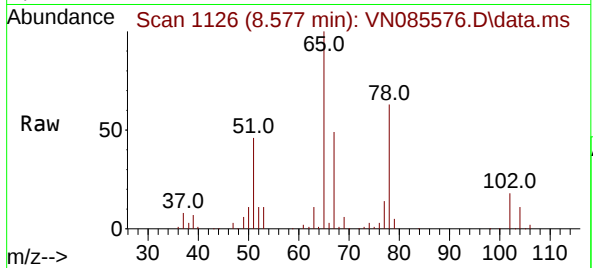
VSTDCCC050

Tgt Ion: 65 Resp: 156421

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085576.D

Acq: 30 Jan 2025 13:08

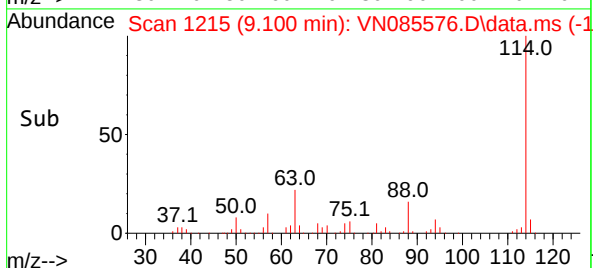
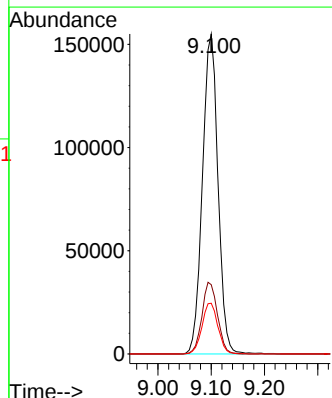
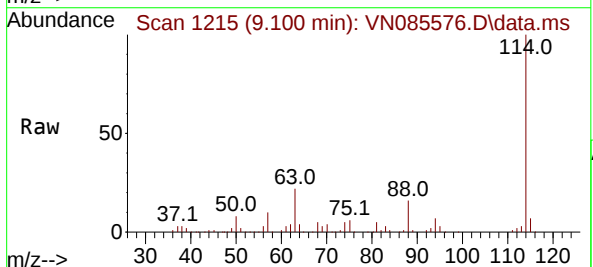
Tgt Ion: 114 Resp: 313882

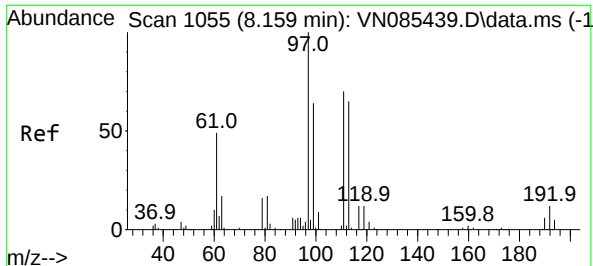
Ion Ratio Lower Upper

114 100

63 21.7 0.0 47.6

88 15.9 0.0 32.6

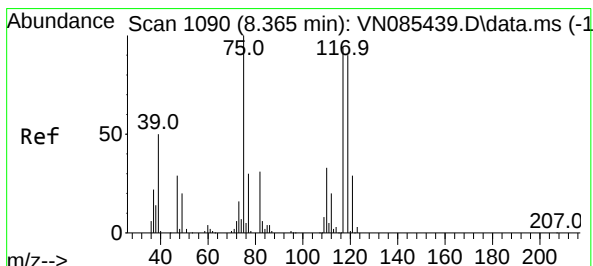
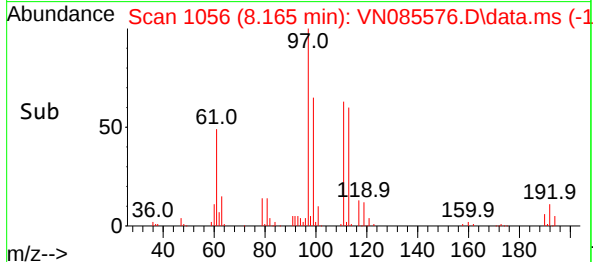
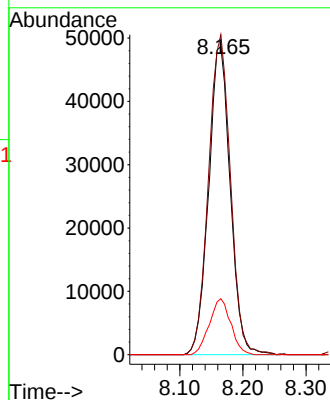
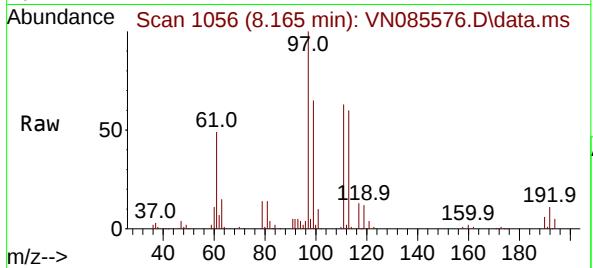




#35
Dibromofluoromethane
Concen: 53.378 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

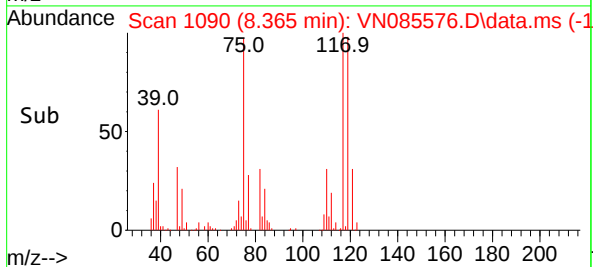
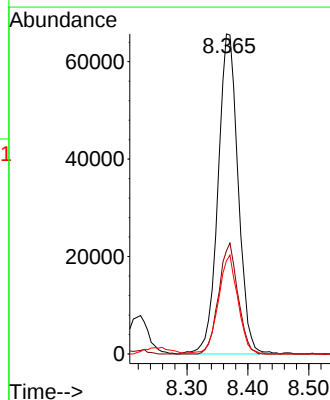
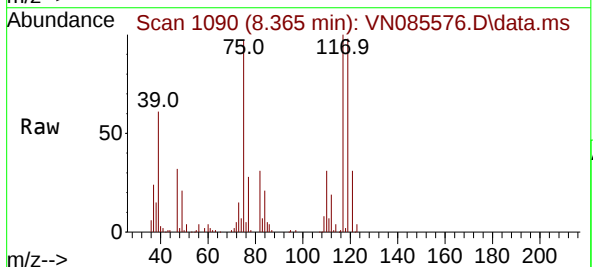
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

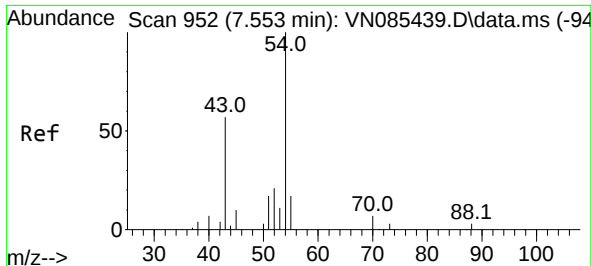
Tgt Ion:113 Resp: 116235
Ion Ratio Lower Upper
113 100
111 105.1 82.7 124.1
192 17.9 14.3 21.5



#36
1,1-Dichloropropene
Concen: 49.328 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion: 75 Resp: 150755
Ion Ratio Lower Upper
75 100
110 33.1 16.5 49.5
77 30.1 24.4 36.6

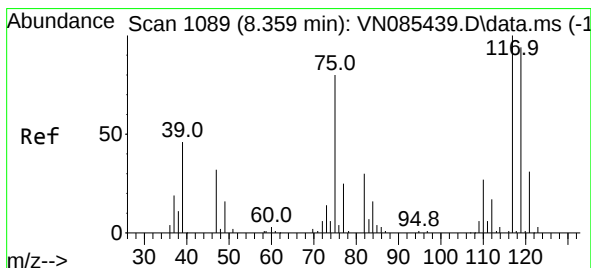
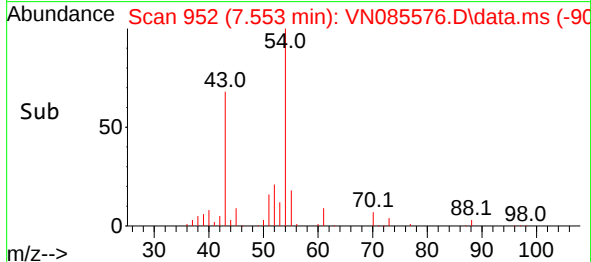
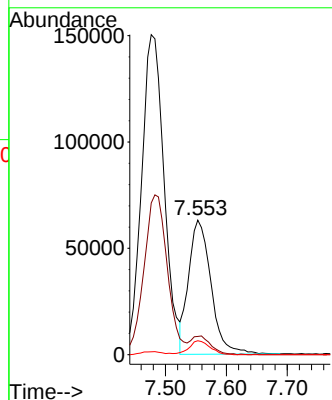
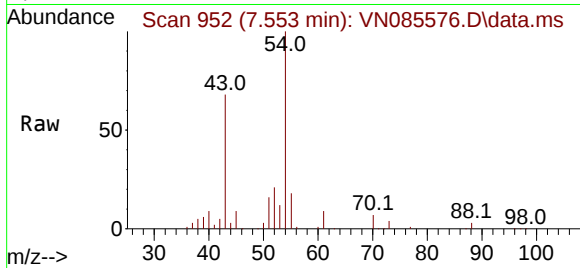




#37
Ethyl Acetate
Concen: 52.277 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

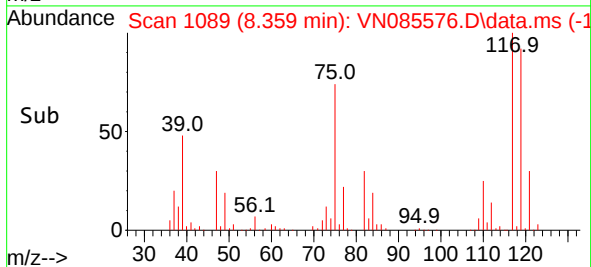
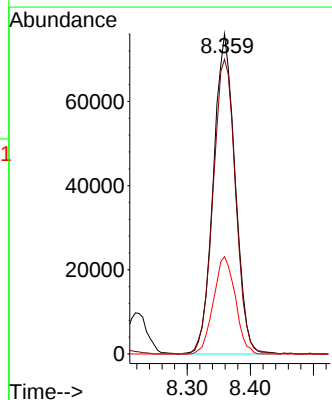
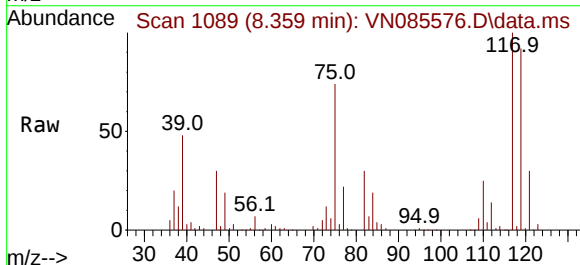
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

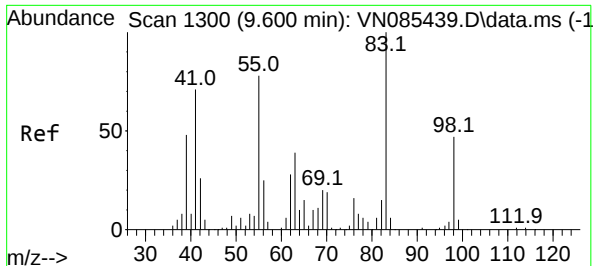
Tgt Ion: 43 Resp: 161263
Ion Ratio Lower Upper
43 100
61 12.4 10.9 16.3
70 9.7 7.5 11.3



#38
Carbon Tetrachloride
Concen: 51.942 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion: 117 Resp: 181734
Ion Ratio Lower Upper
117 100
119 92.1 75.4 113.2
121 30.4 24.6 37.0





#39

Methylcyclohexane

Concen: 48.362 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085576.D

Acq: 30 Jan 2025 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

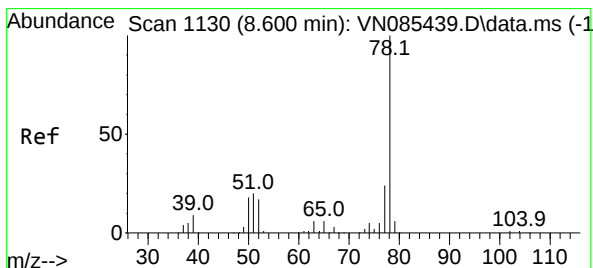
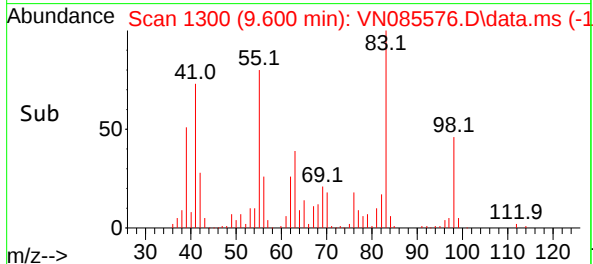
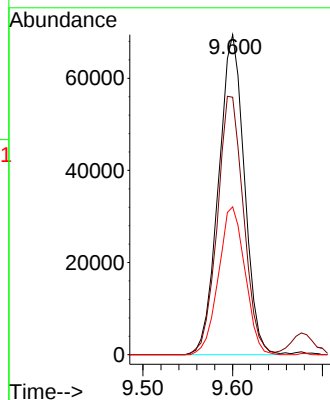
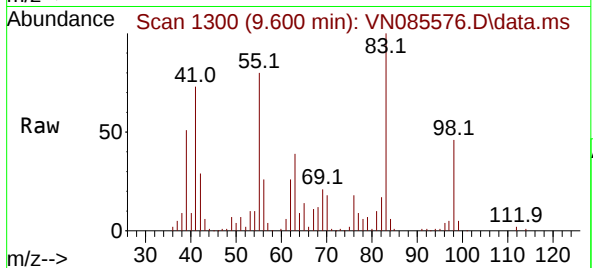
Tgt Ion: 83 Resp: 138891

Ion Ratio Lower Upper

83 100

55 80.5 62.6 94.0

98 46.2 37.7 56.5



#40

Benzene

Concen: 51.439 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085576.D

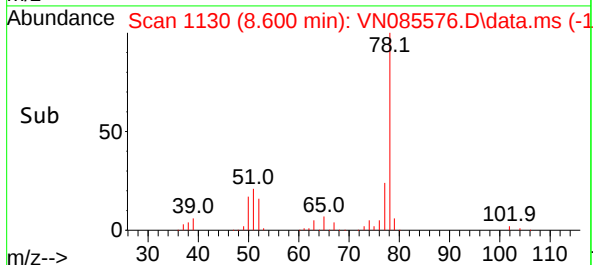
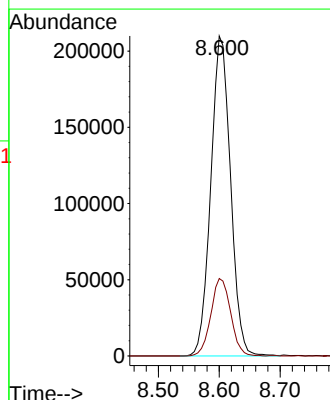
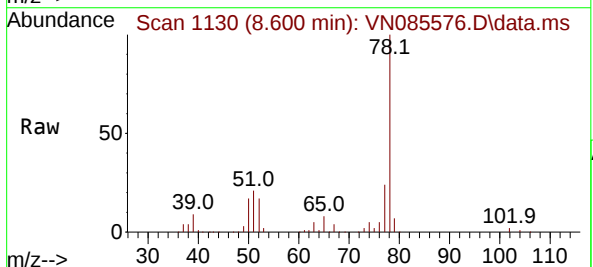
Acq: 30 Jan 2025 13:08

Tgt Ion: 78 Resp: 472356

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6

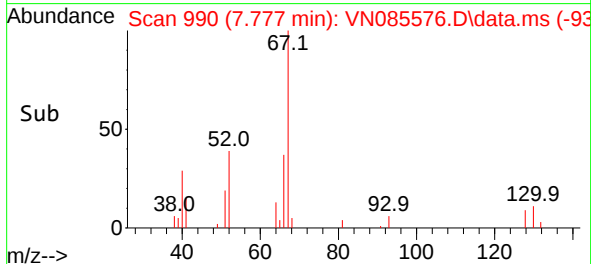
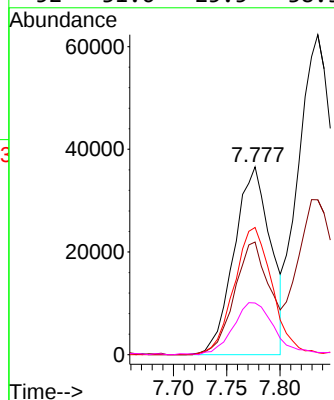
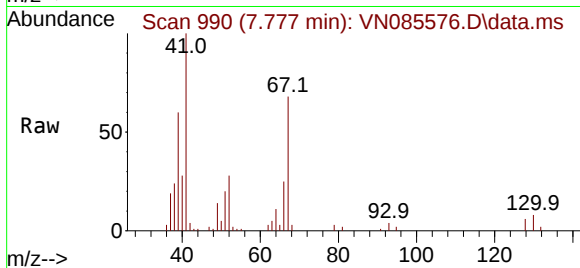




#41
Methacrylonitrile
Concen: 54.494 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

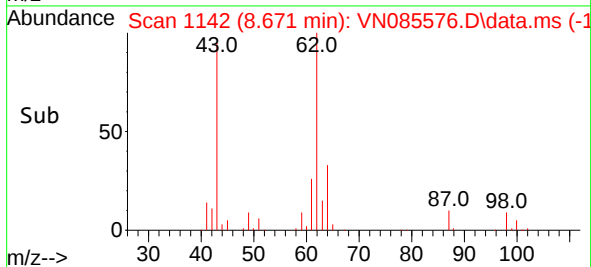
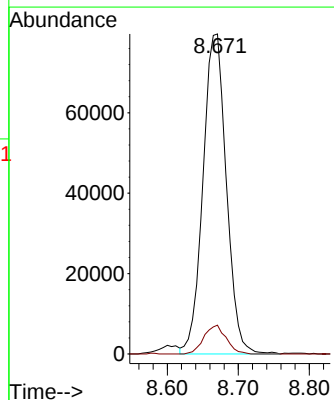
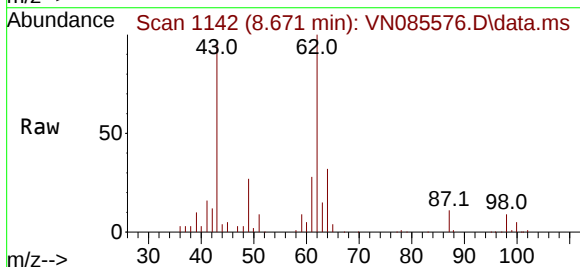
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	87457
Ion	Ratio	Lower	Upper
41	100		
39	58.3	46.0	69.0
67	70.5	57.4	86.2
52	31.6	25.5	38.3



#42
1,2-Dichloroethane
Concen: 52.773 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion:	62	Resp:	182518
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0

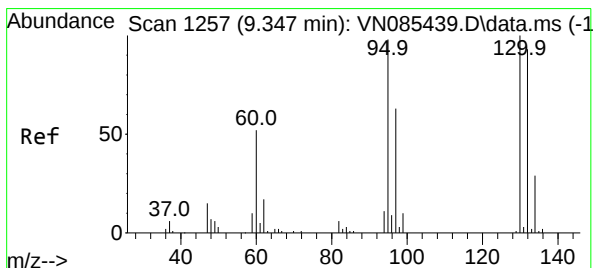
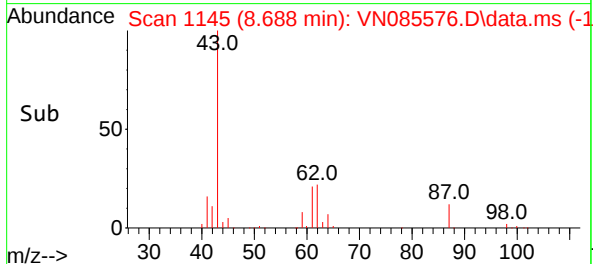
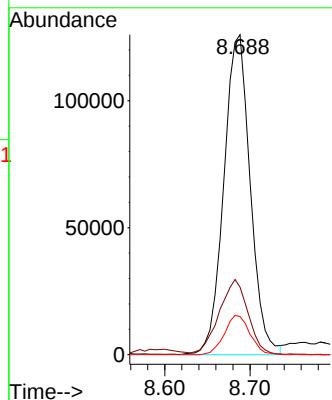
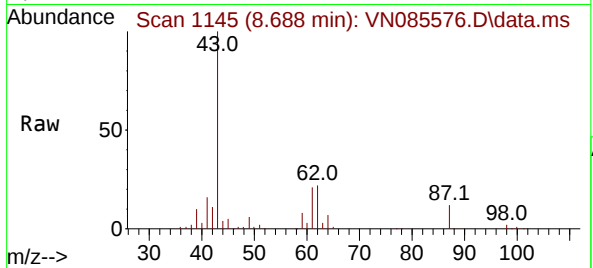




#43
Isopropyl Acetate
Concen: 54.946 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

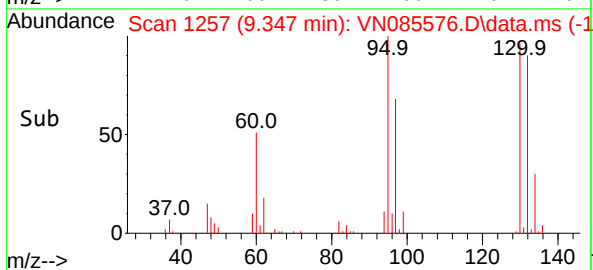
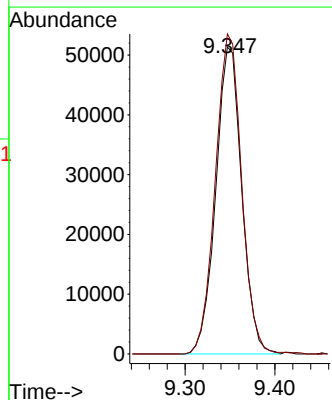
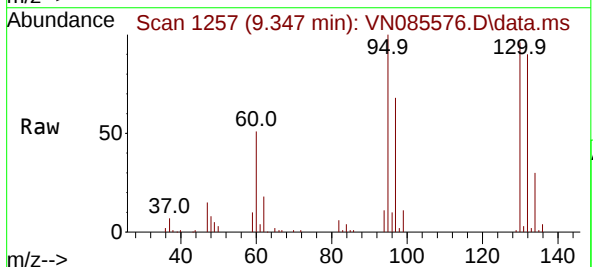
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 271592
Ion Ratio Lower Upper
43 100
61 25.9 20.7 31.1
87 11.9 9.8 14.8



#44
Trichloroethene
Concen: 48.262 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion:130 Resp: 103161
Ion Ratio Lower Upper
130 100
95 104.2 0.0 195.8





#45

1,2-Dichloropropane

Concen: 53.456 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085576.D

Acq: 30 Jan 2025 13:08

Instrument :

MSVOA_N

ClientSampleId :

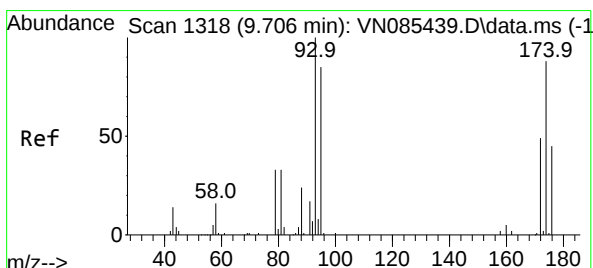
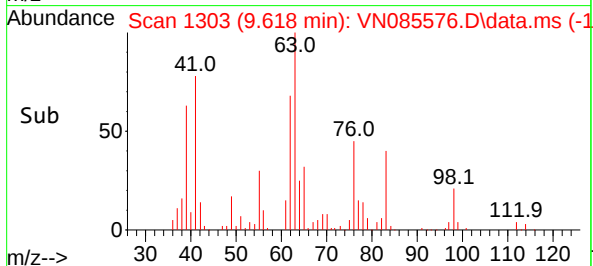
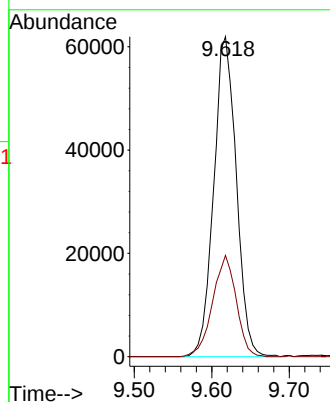
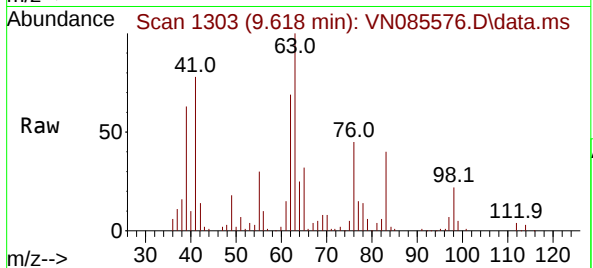
VSTDCCC050

Tgt Ion: 63 Resp: 125383

Ion Ratio Lower Upper

63 100

65 31.6 25.6 38.4



#46

Dibromomethane

Concen: 53.034 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085576.D

Acq: 30 Jan 2025 13:08

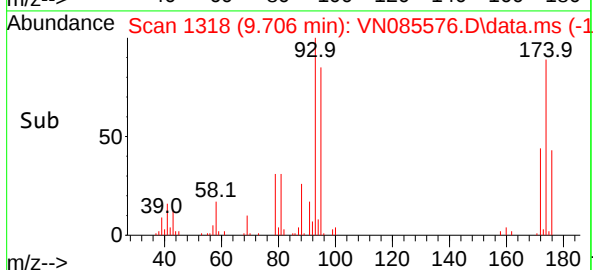
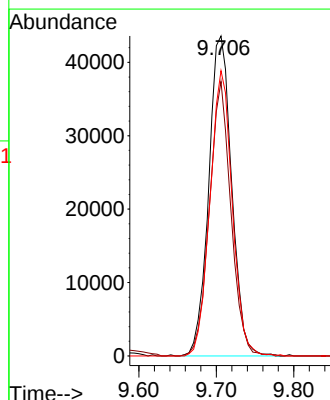
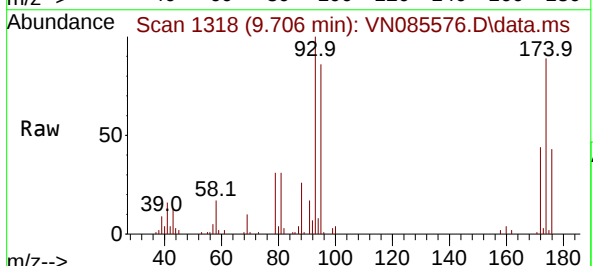
Tgt Ion: 93 Resp: 89758

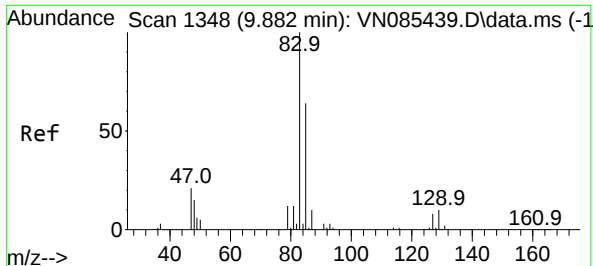
Ion Ratio Lower Upper

93 100

95 80.4 64.7 97.1

174 86.4 69.0 103.4

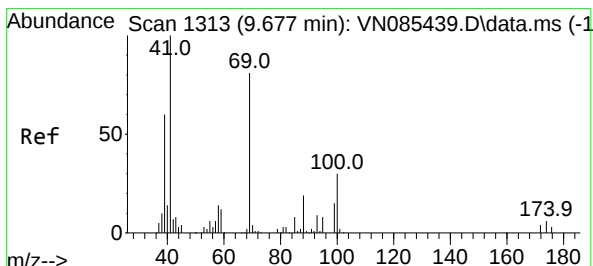
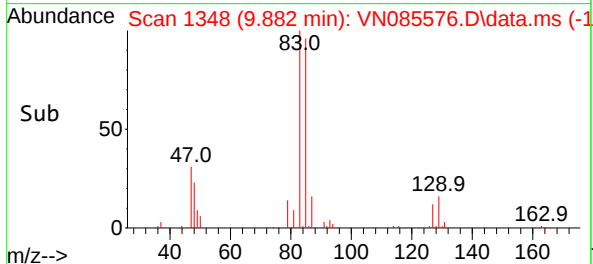
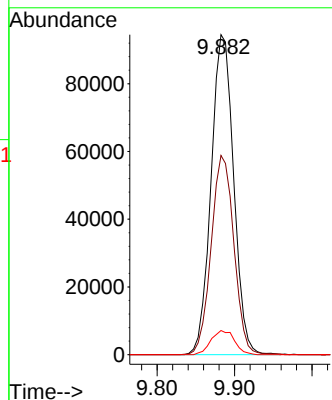
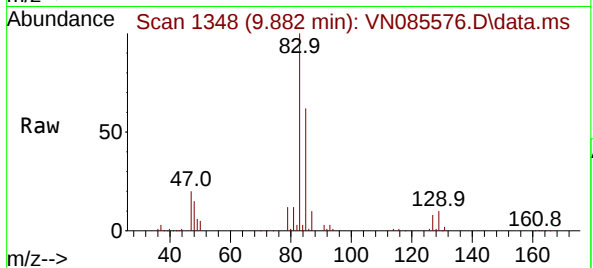




#47
Bromodichloromethane
Concen: 55.441 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

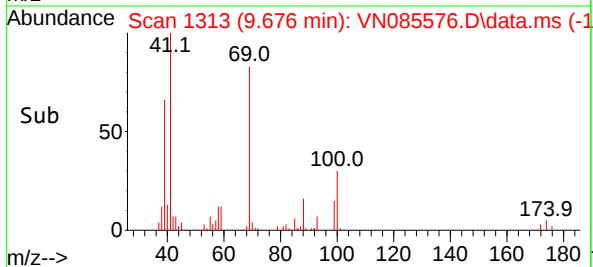
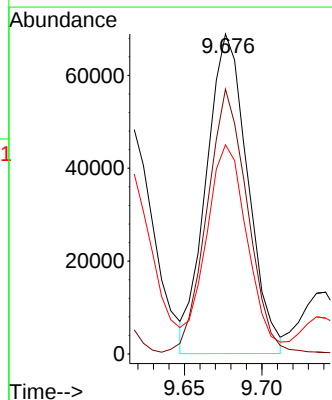
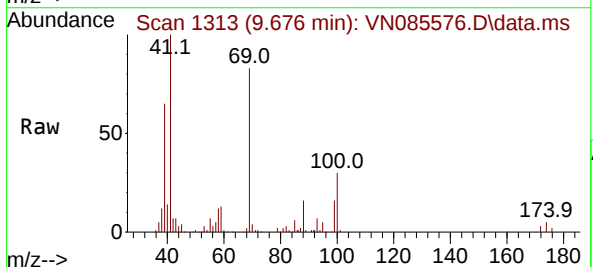
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

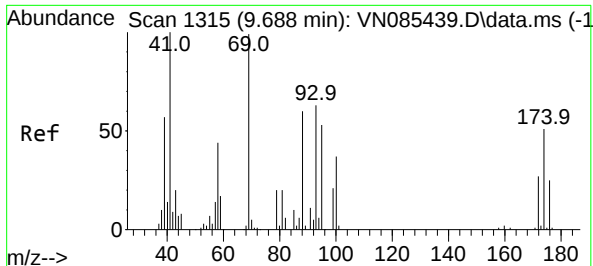
Tgt Ion: 83 Resp: 191163
Ion Ratio Lower Upper
83 100
85 62.2 51.2 76.8
127 7.5 6.5 9.7



#48
Methyl methacrylate
Concen: 57.462 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.001 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion: 41 Resp: 127818
Ion Ratio Lower Upper
41 100
69 80.9 64.7 97.1
39 64.8 49.0 73.6





#49

1,4-Dioxane

Concen: 1101.481 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085576.D

Acq: 30 Jan 2025 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

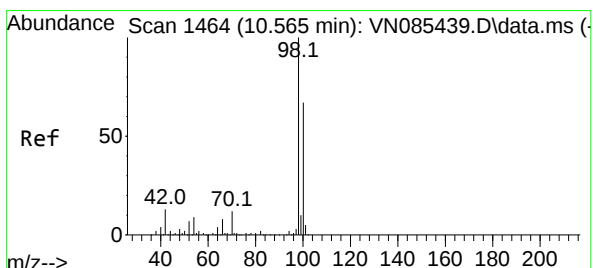
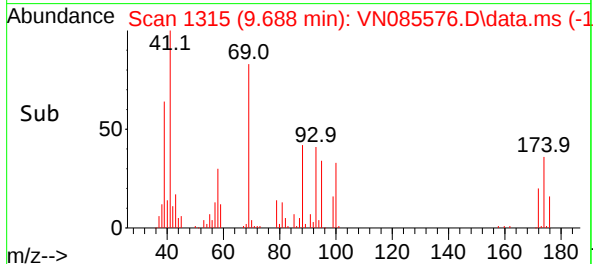
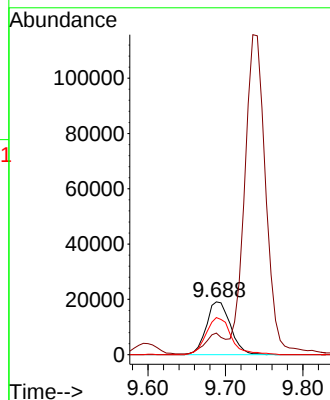
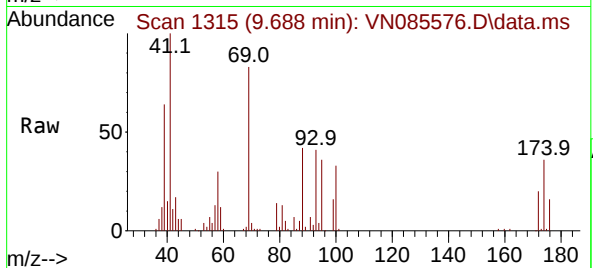
Tgt Ion: 88 Resp: 41260

Ion Ratio Lower Upper

88 100

43 31.2 26.6 39.8

58 73.6 59.5 89.3



#50

Toluene-d8

Concen: 54.623 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085576.D

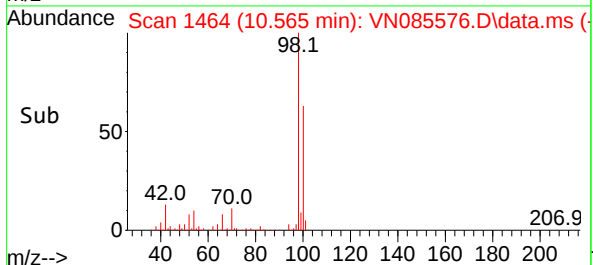
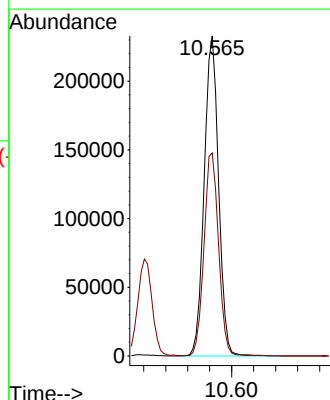
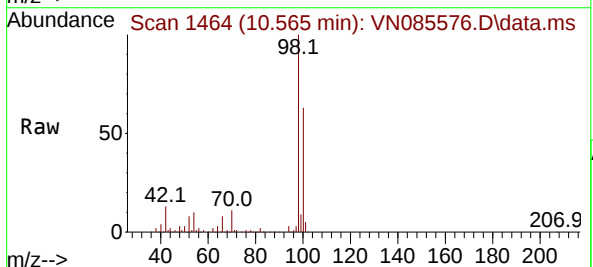
Acq: 30 Jan 2025 13:08

Tgt Ion: 98 Resp: 422608

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.4

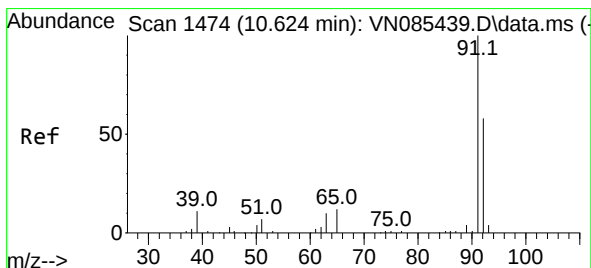
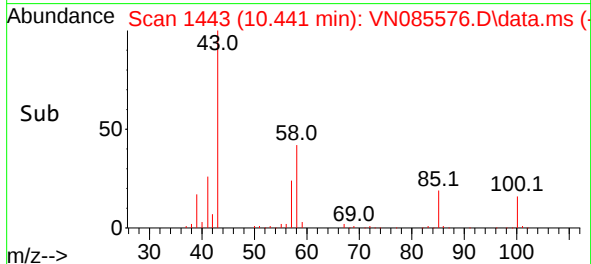
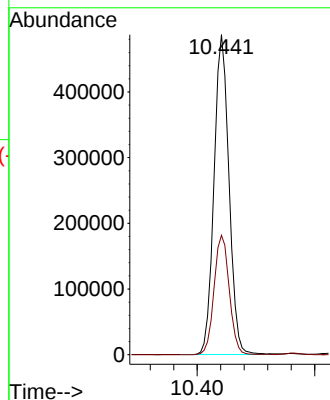
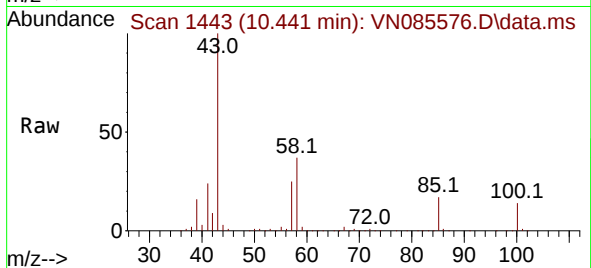




#51
4-Methyl-2-Pentanone
Concen: 300.635 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

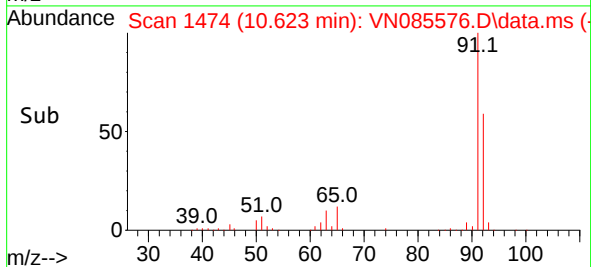
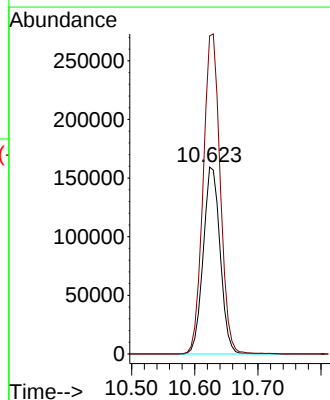
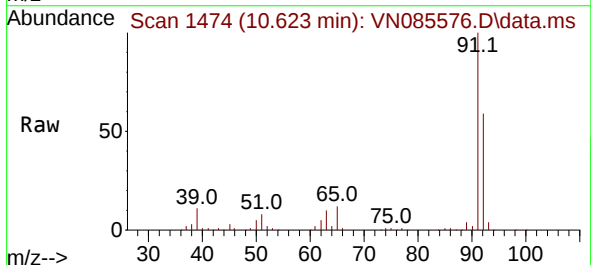
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

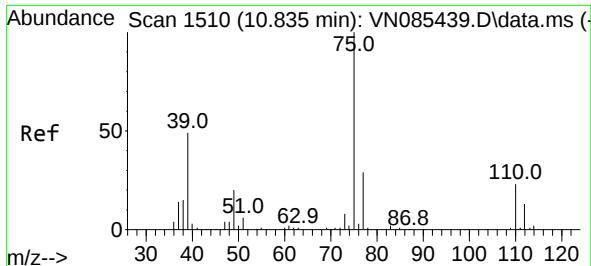
Tgt Ion: 43 Resp: 862307
Ion Ratio Lower Upper
43 100
58 37.9 30.5 45.7



#52
Toluene
Concen: 55.777 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.001 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion: 92 Resp: 296774
Ion Ratio Lower Upper
92 100
91 172.5 139.2 208.8

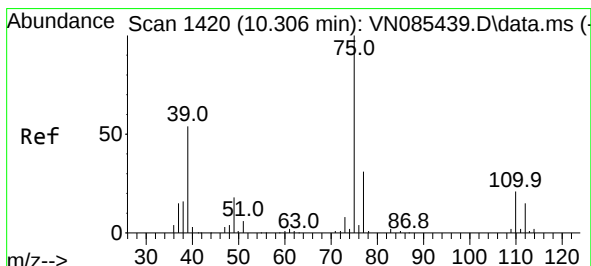
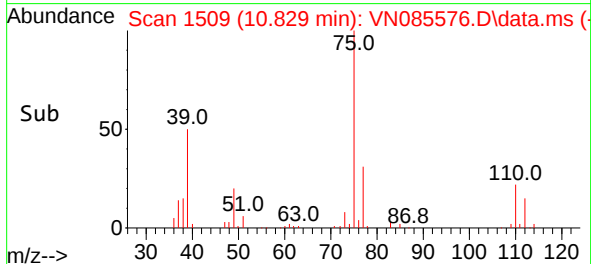
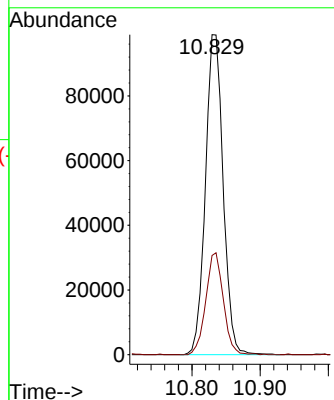
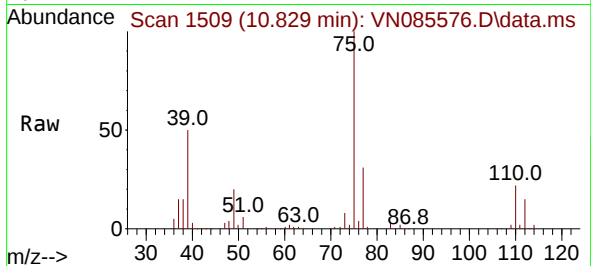




#53
 t-1,3-Dichloropropene
 Concen: 54.950 ug/l
 RT: 10.829 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN085576.D
 Acq: 30 Jan 2025 13:08

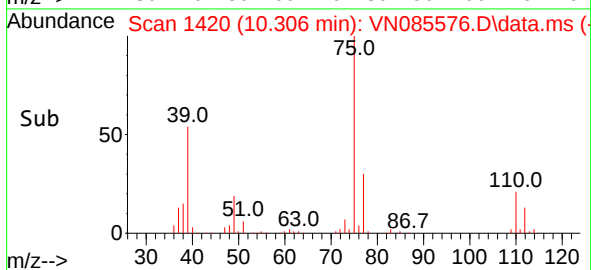
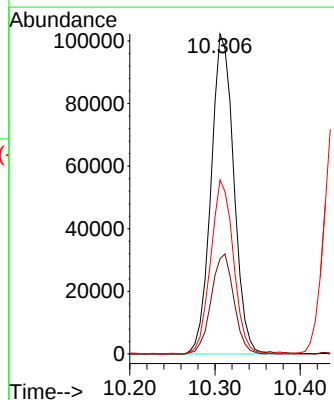
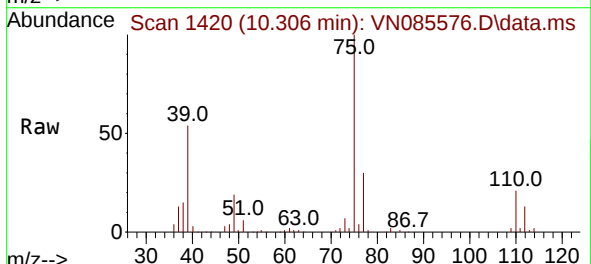
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

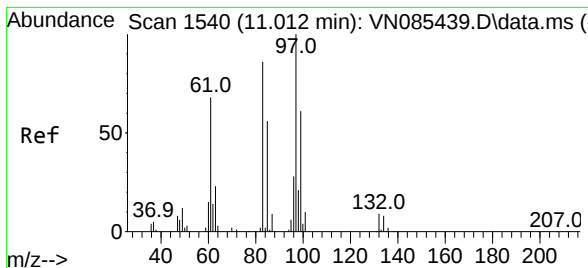
Tgt Ion: 75 Resp: 179055
 Ion Ratio Lower Upper
 75 100
 77 31.0 23.5 35.3



#54
 cis-1,3-Dichloropropene
 Concen: 54.703 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VN085576.D
 Acq: 30 Jan 2025 13:08

Tgt Ion: 75 Resp: 190400
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.0 37.4
 39 54.4 43.1 64.7



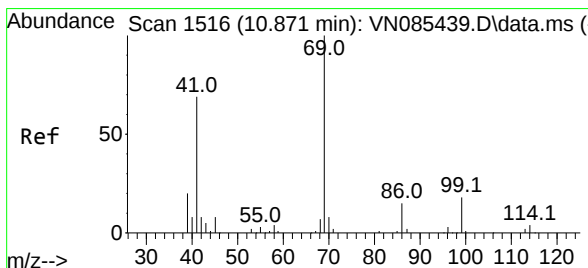
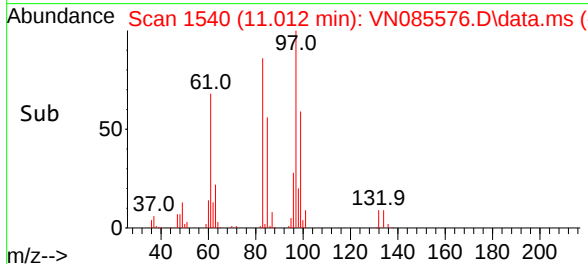
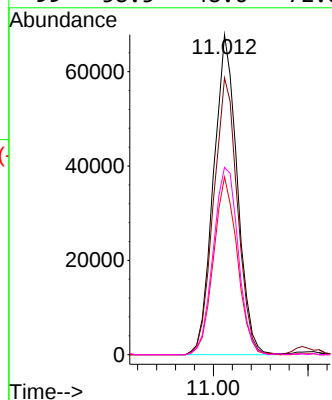
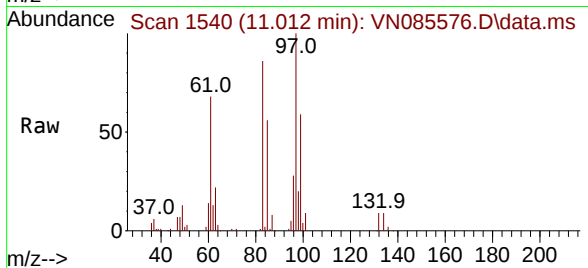


#55
1,1,2-Trichloroethane
Concen: 56.098 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 118122

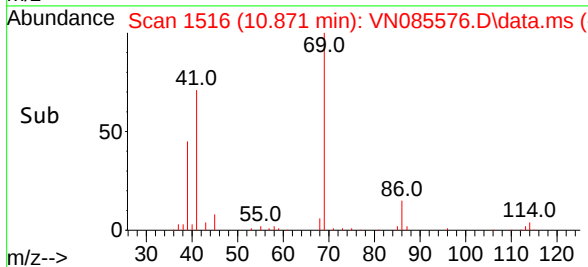
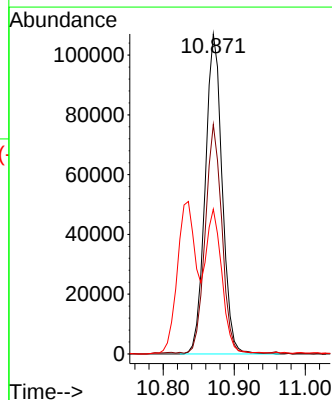
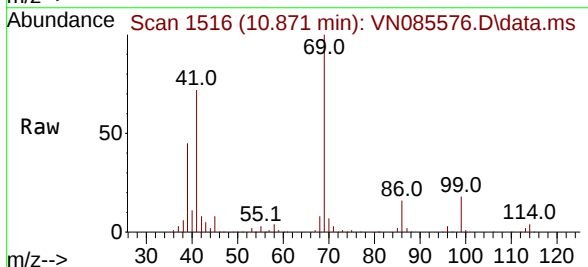
Ion	Ratio	Lower	Upper
97	100		
83	86.5	69.0	103.6
85	55.5	44.6	66.8
99	58.5	48.6	72.8

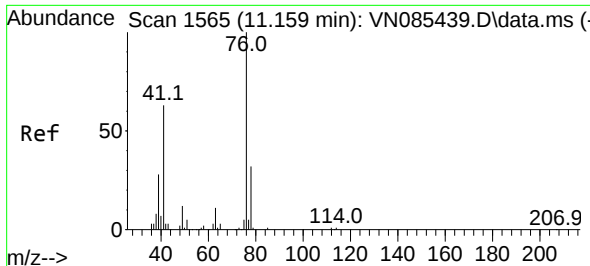


#56
Ethyl methacrylate
Concen: 50.059 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion: 69 Resp: 177570

Ion	Ratio	Lower	Upper
69	100		
41	69.8	54.6	82.0
39	42.4	32.4	48.6

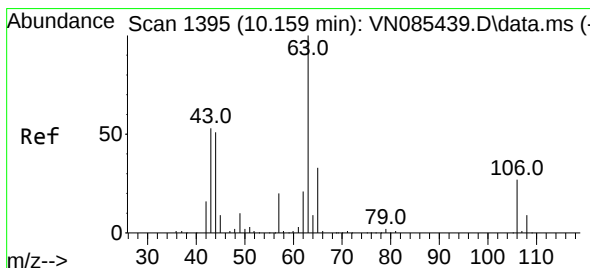
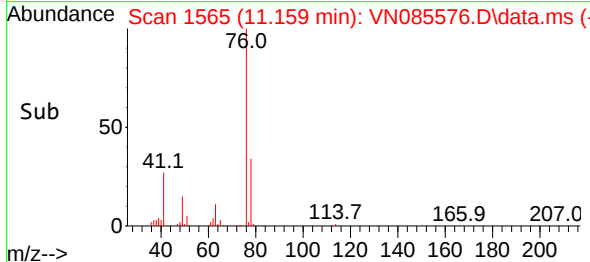
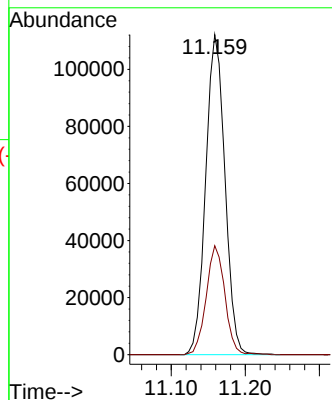
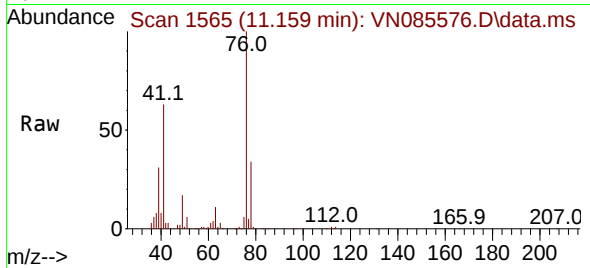




#57
1,3-Dichloropropane
Concen: 55.253 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

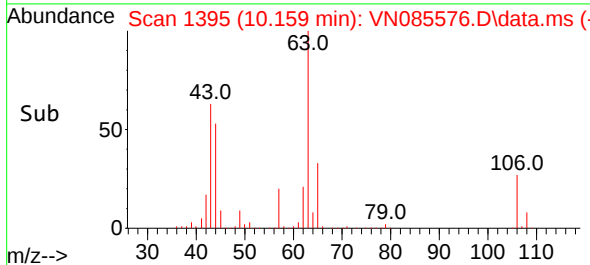
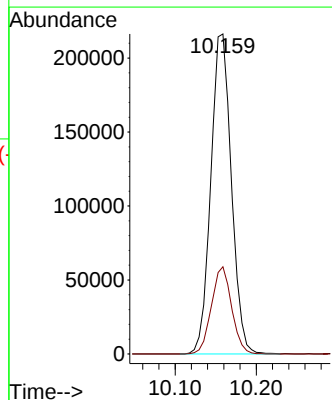
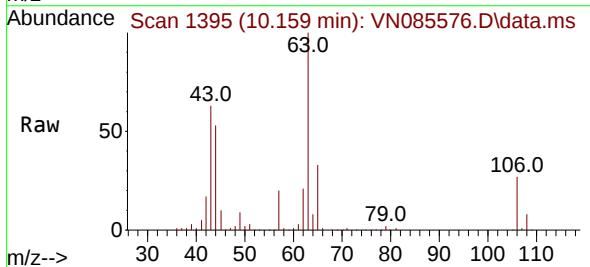
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

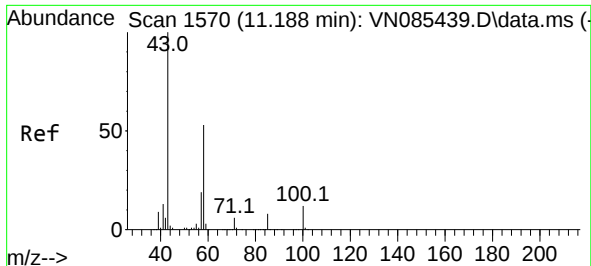
Tgt Ion: 76 Resp: 202300
Ion Ratio Lower Upper
76 100
78 33.1 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 284.749 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion: 63 Resp: 380492
Ion Ratio Lower Upper
63 100
106 26.8 21.6 32.4

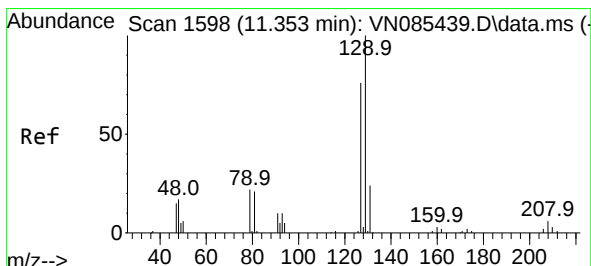
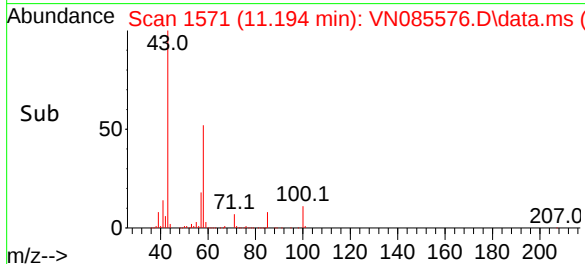
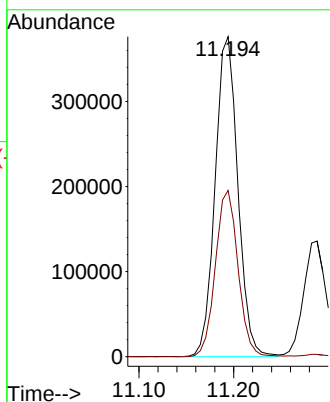
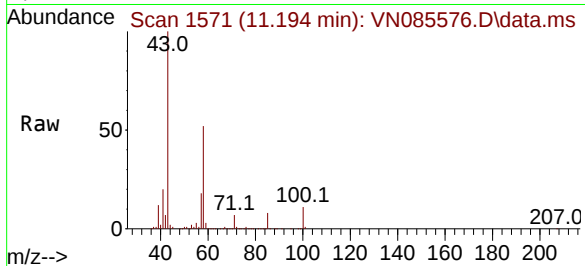




#59
2-Hexanone
Concen: 310.960 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

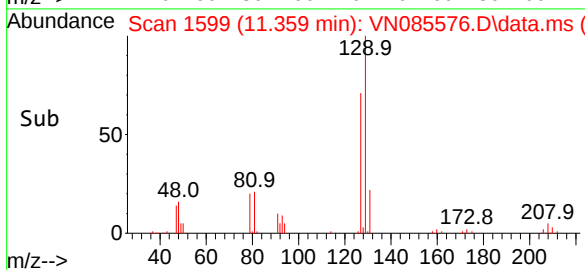
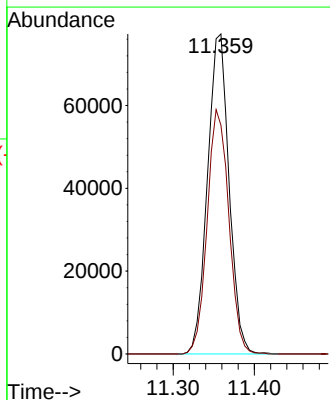
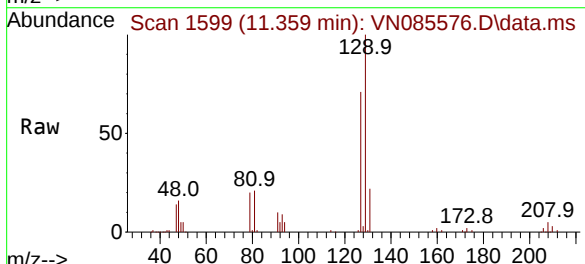
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

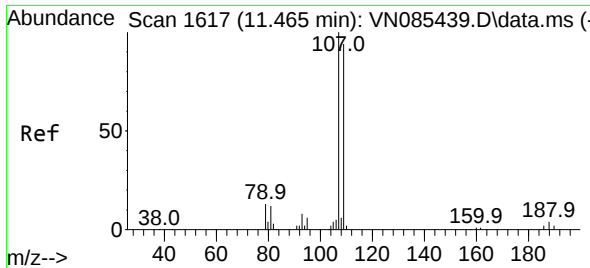
Tgt Ion: 43 Resp: 627583
Ion Ratio Lower Upper
43 100
58 51.7 26.2 78.6



#60
Dibromochloromethane
Concen: 56.166 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion:129 Resp: 142781
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8

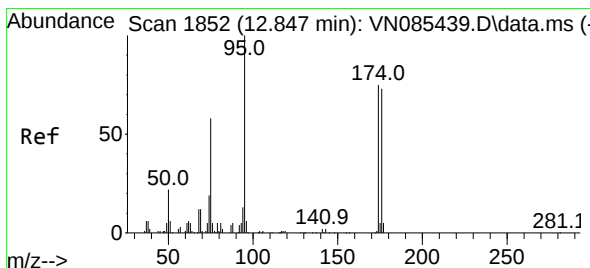
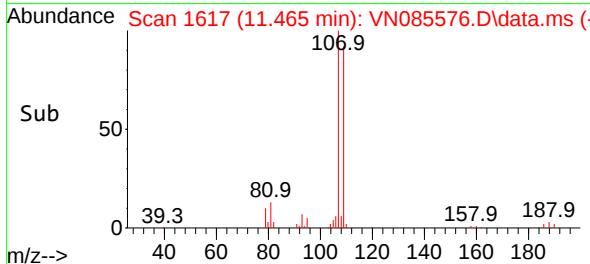
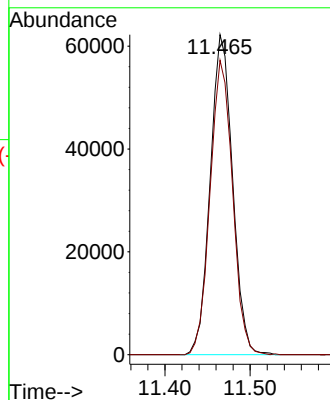
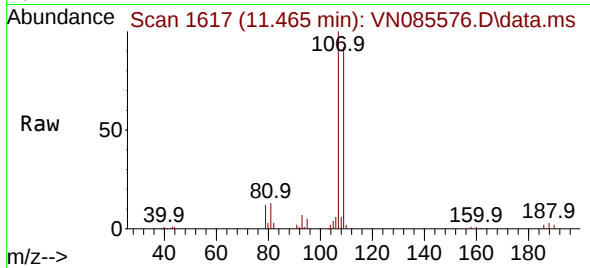




#61
1,2-Dibromoethane
Concen: 54.137 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

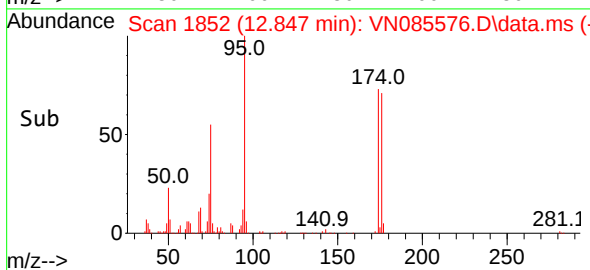
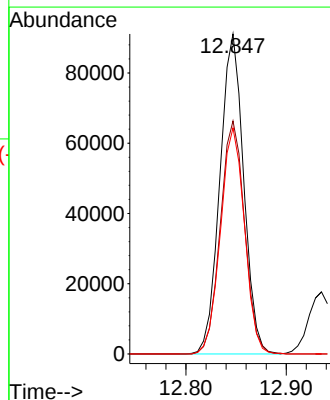
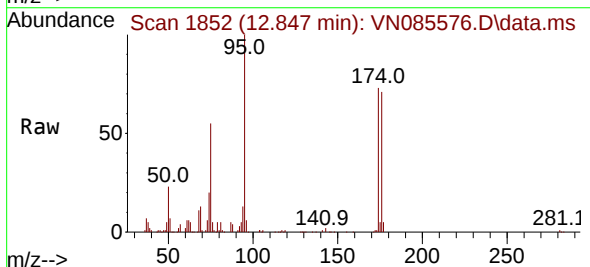
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

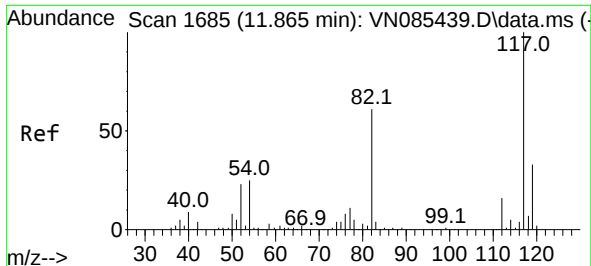
Tgt Ion:107 Resp: 113470
Ion Ratio Lower Upper
107 100
109 92.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 56.593 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion: 95 Resp: 149779
Ion Ratio Lower Upper
95 100
174 74.3 0.0 145.0
176 71.4 0.0 142.4

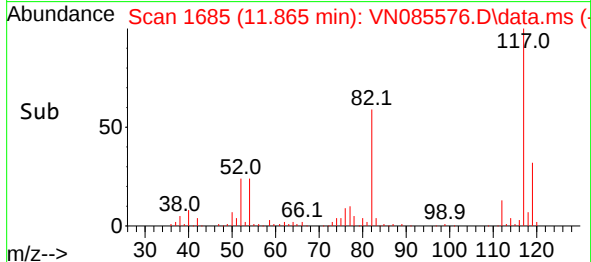
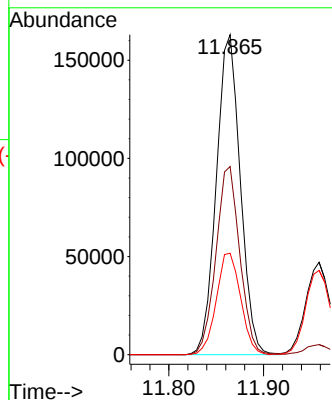
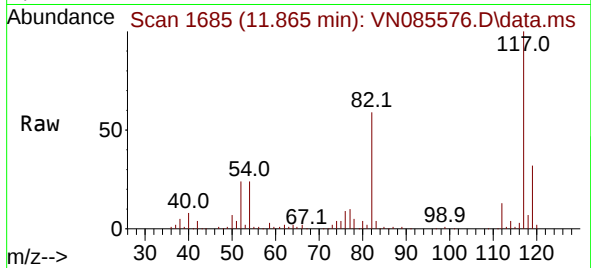




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

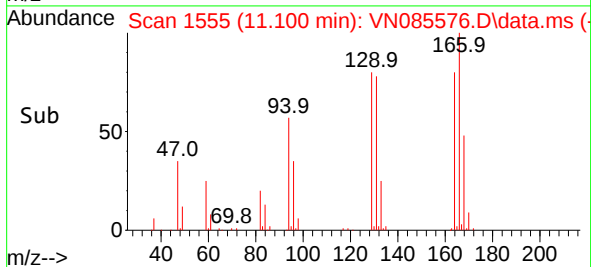
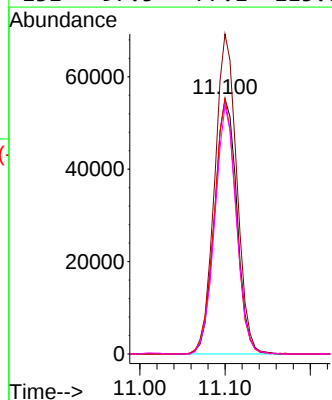
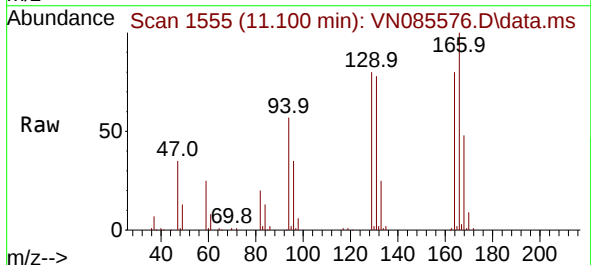
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

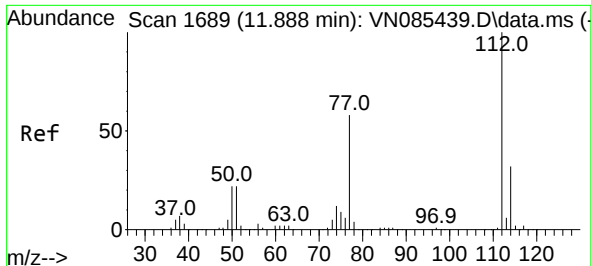
Tgt Ion:117 Resp: 286764
Ion Ratio Lower Upper
117 100
82 58.8 48.6 72.8
119 31.7 26.6 39.8



#64
Tetrachloroethene
Concen: 51.614 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion:164 Resp: 100903
Ion Ratio Lower Upper
164 100
166 125.5 103.4 155.2
129 100.2 79.2 118.8
131 97.5 77.1 115.7

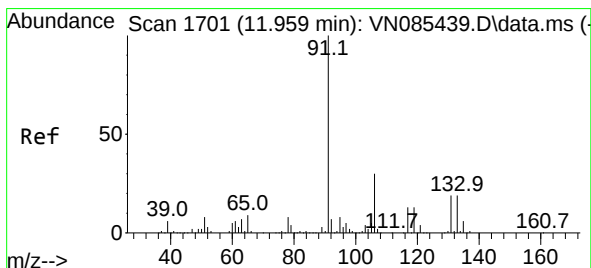
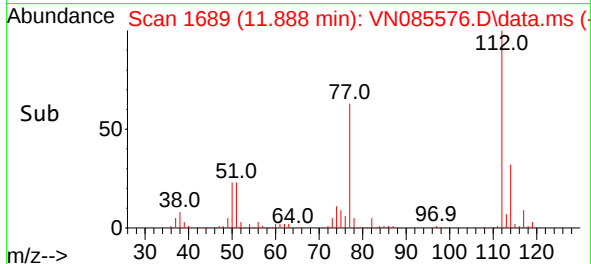
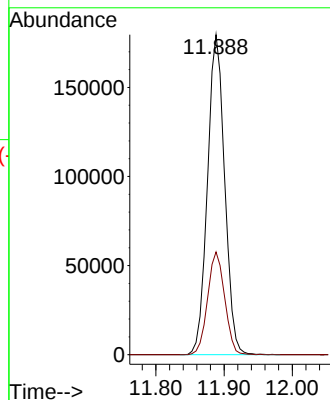
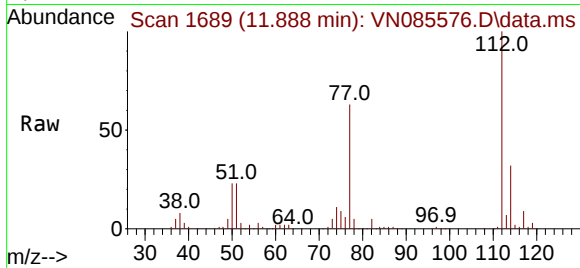




#65
Chlorobenzene
Concen: 50.094 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

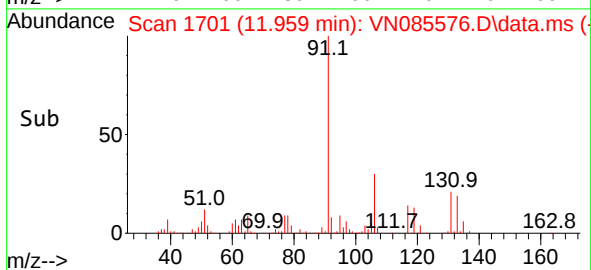
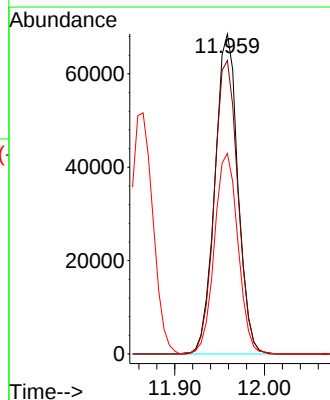
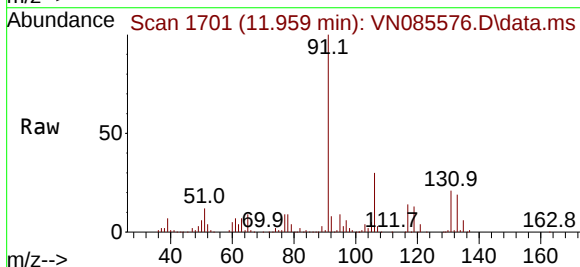
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

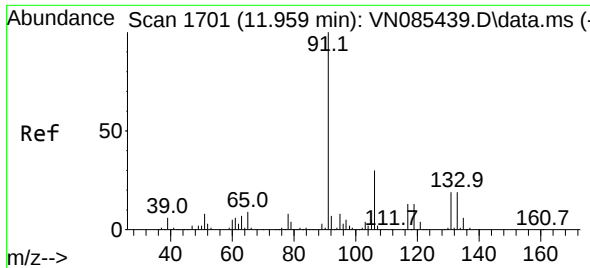
Tgt Ion:112 Resp: 314692
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.979 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion:131 Resp: 122150
Ion Ratio Lower Upper
131 100
133 94.0 47.4 142.3
119 64.1 33.1 99.5

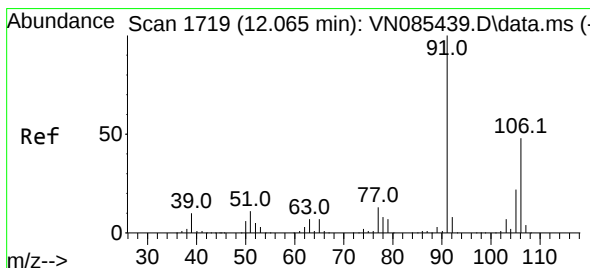
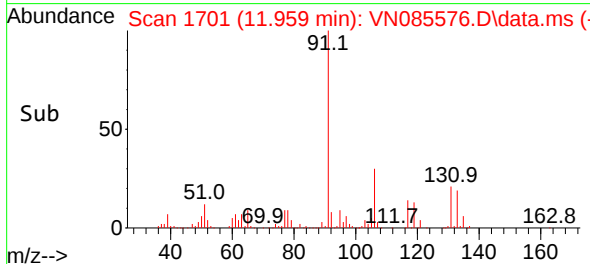
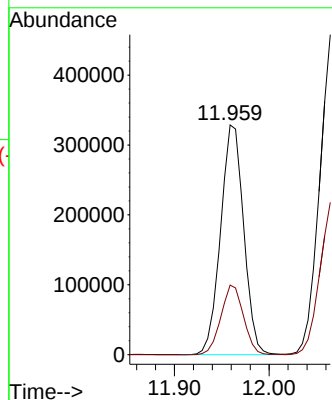
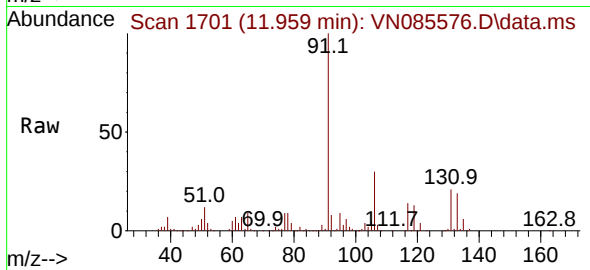




#67
Ethyl Benzene
Concen: 54.592 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

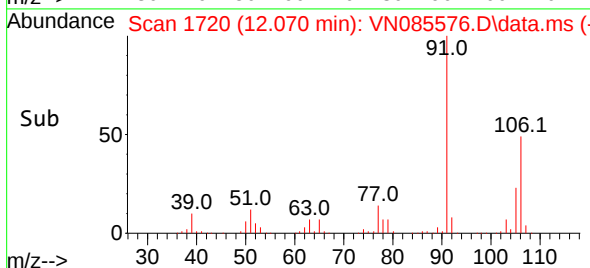
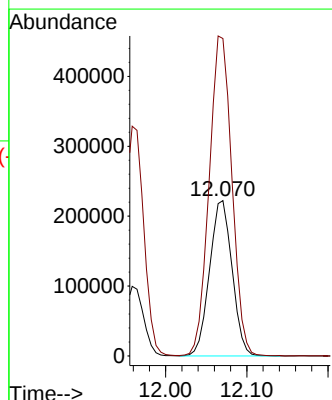
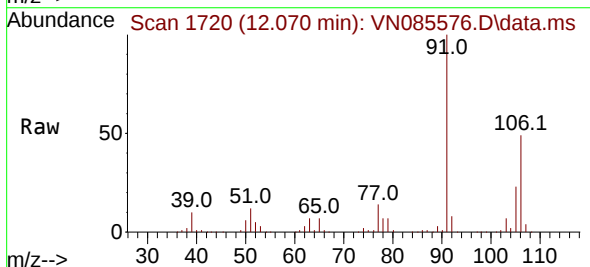
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

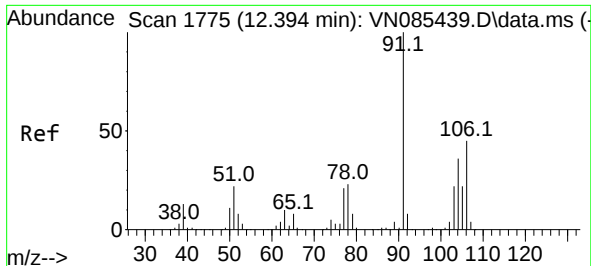
Tgt Ion: 91 Resp: 558580
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.8



#68
m/p-Xylenes
Concen: 113.286 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion:106 Resp: 428391
Ion Ratio Lower Upper
106 100
91 208.3 167.7 251.5

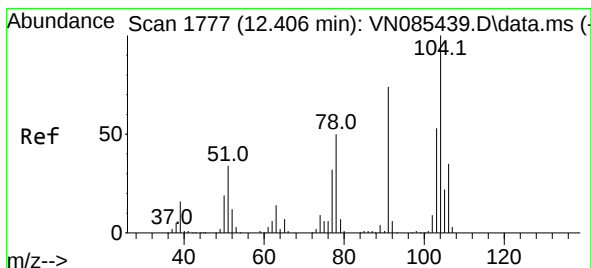
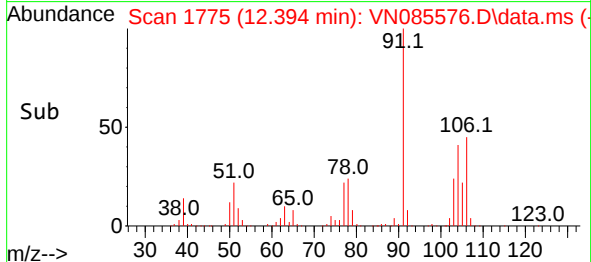
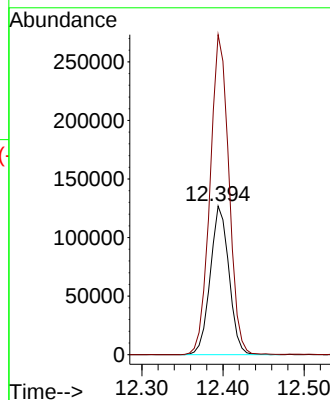
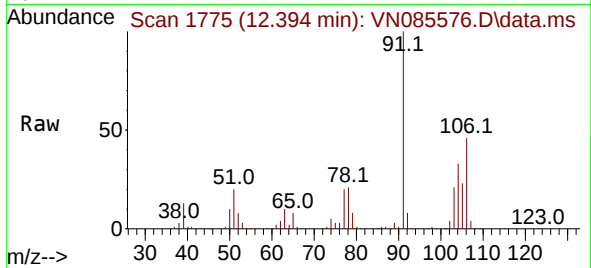




#69
o-Xylene
Concen: 56.041 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

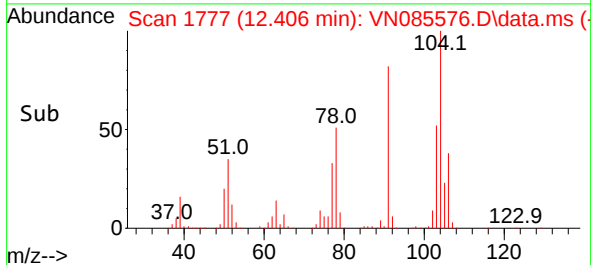
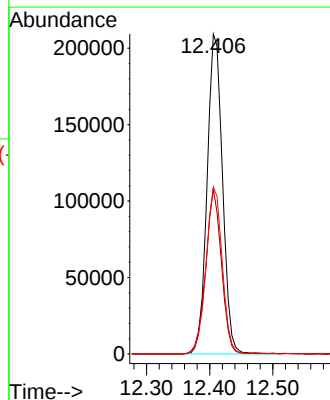
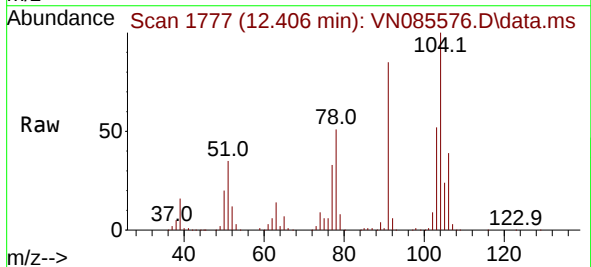
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

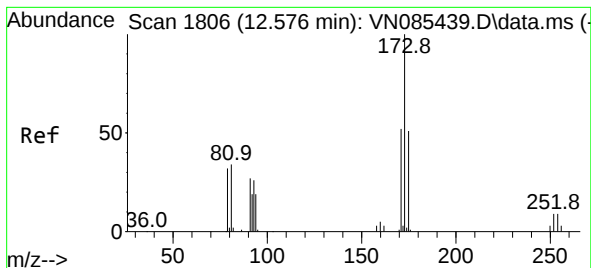
Tgt Ion:106 Resp: 202523
Ion Ratio Lower Upper
106 100
91 218.1 110.4 331.2



#70
Styrene
Concen: 59.347 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion:104 Resp: 354949
Ion Ratio Lower Upper
104 100
78 52.4 42.5 63.7
103 54.7 43.8 65.8





#71

Bromoform

Concen: 57.343 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085576.D

Acq: 30 Jan 2025 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

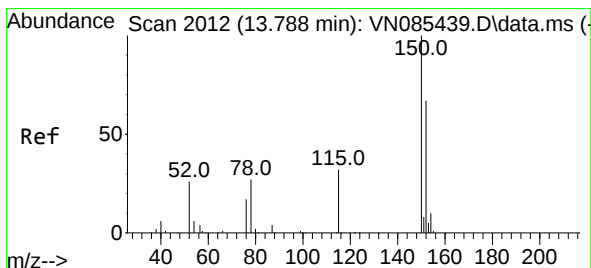
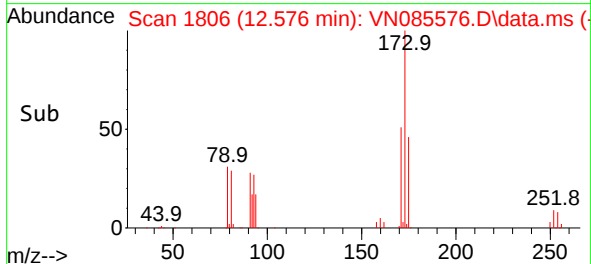
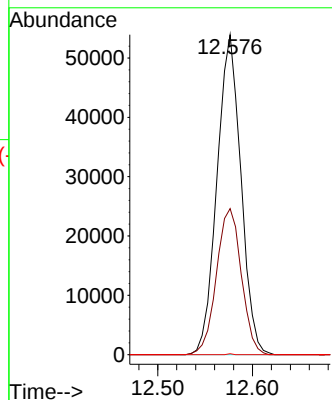
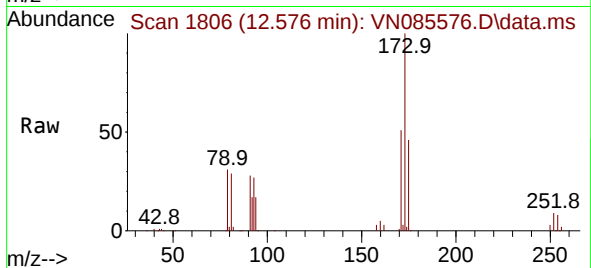
Tgt Ion:173 Resp: 94600

Ion Ratio Lower Upper

173 100

175 47.5 24.4 73.2

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN085576.D

Acq: 30 Jan 2025 13:08

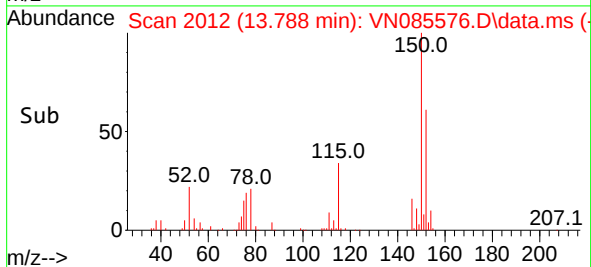
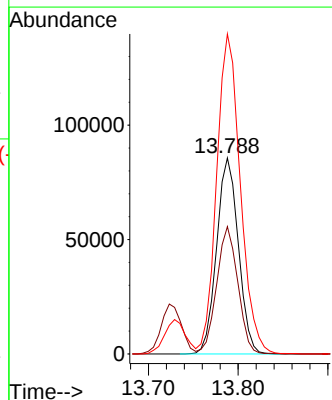
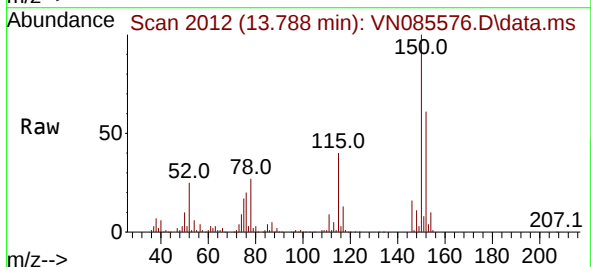
Tgt Ion:152 Resp: 143955

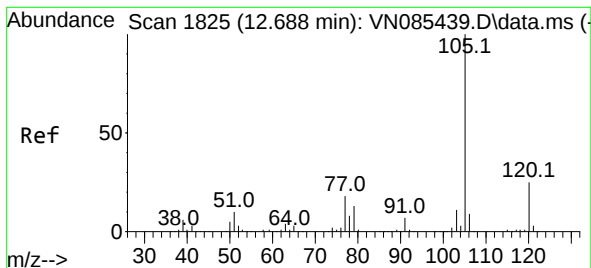
Ion Ratio Lower Upper

152 100

115 63.4 31.1 93.3

150 177.8 0.0 343.6





#73

Isopropylbenzene

Concen: 52.754 ug/l

RT: 12.694 min Scan# 1825

Delta R.T. 0.006 min

Lab File: VN085576.D

Acq: 30 Jan 2025 13:08

Instrument :

MSVOA_N

ClientSampleId :

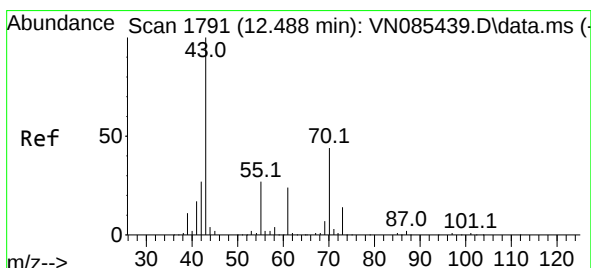
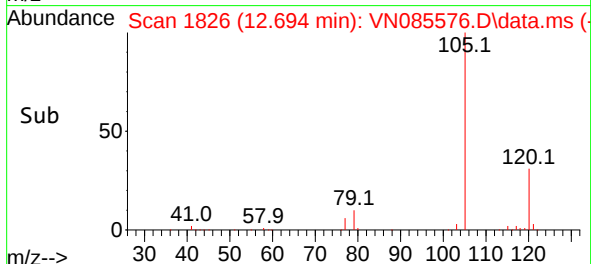
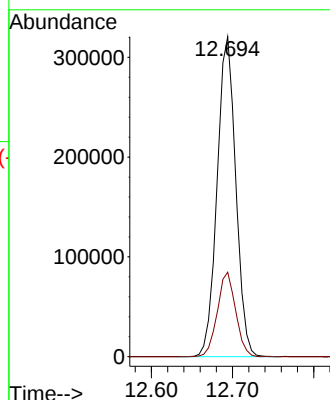
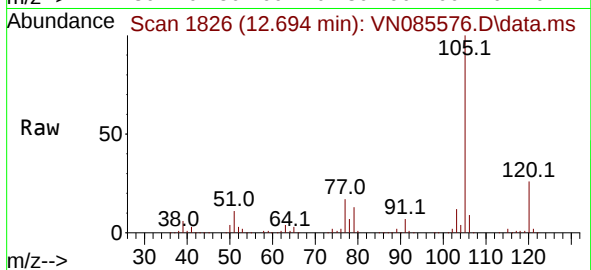
VSTDCCC050

Tgt Ion:105 Resp: 512541

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.3



#74

N-ethyl acetate

Concen: 53.567 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN085576.D

Acq: 30 Jan 2025 13:08

Tgt Ion: 43 Resp: 233929

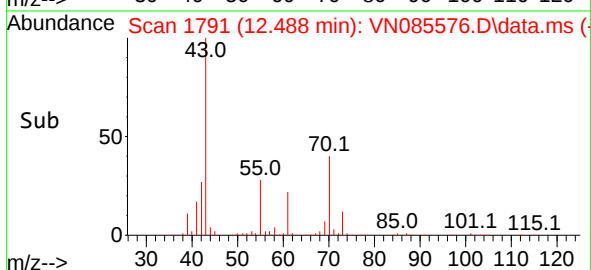
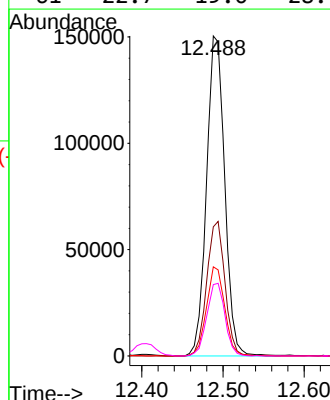
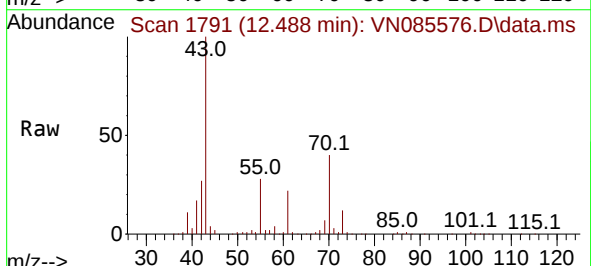
Ion Ratio Lower Upper

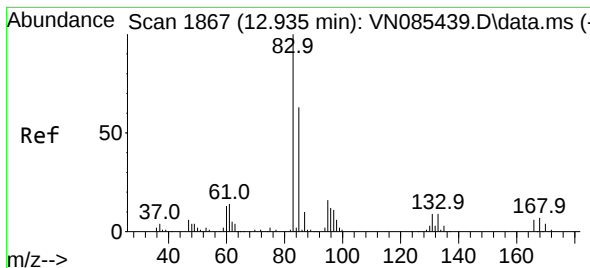
43 100

70 42.0 34.0 51.0

55 27.9 21.4 32.2

61 22.7 19.0 28.4

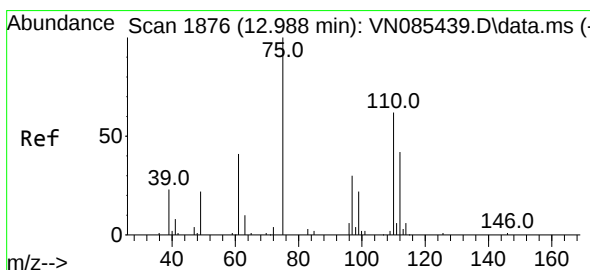
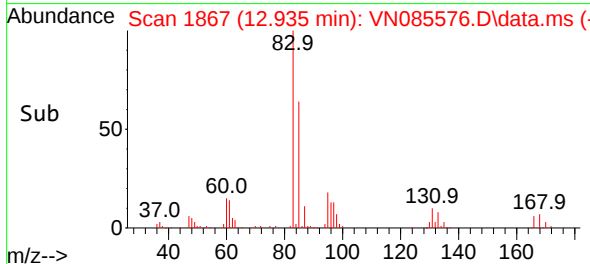
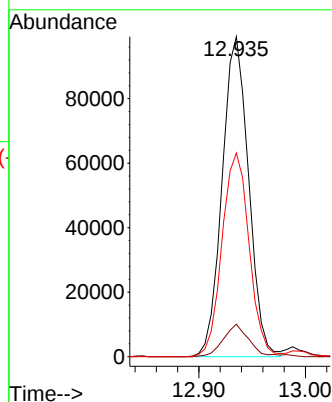
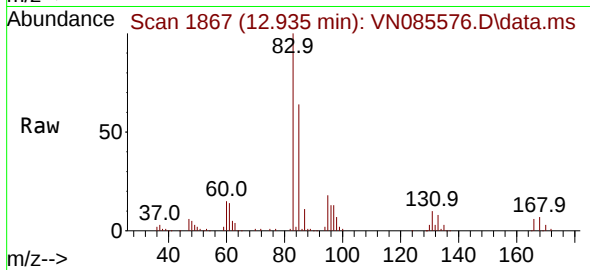




#75
1,1,2,2-Tetrachloroethane
Concen: 49.890 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

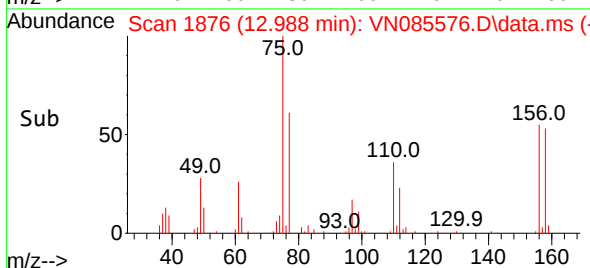
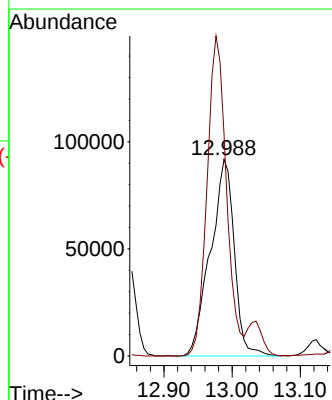
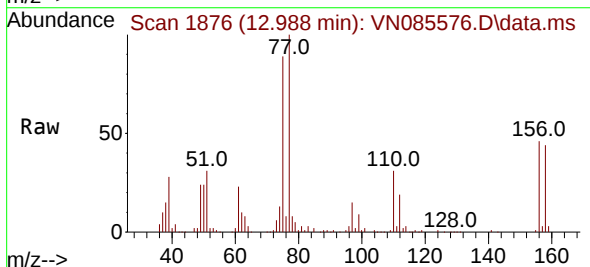
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

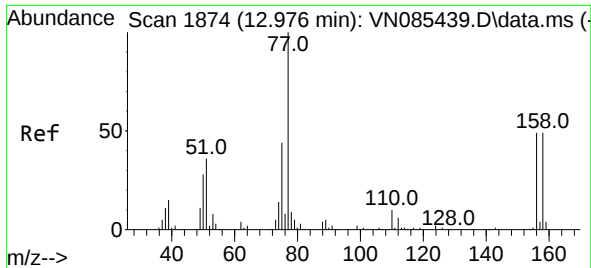
Tgt Ion: 83 Resp: 171223
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.4
85 65.1 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 76.500 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion: 75 Resp: 223832
Ion Ratio Lower Upper
75 100
77 132.0 109.7 329.2

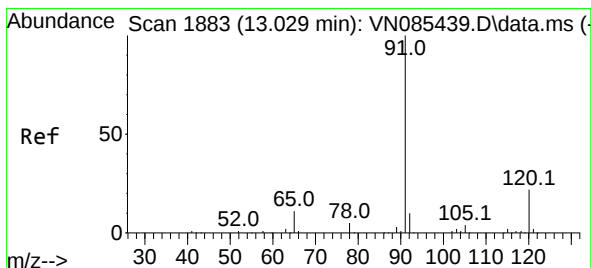
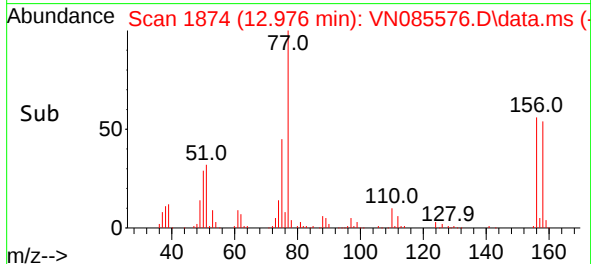
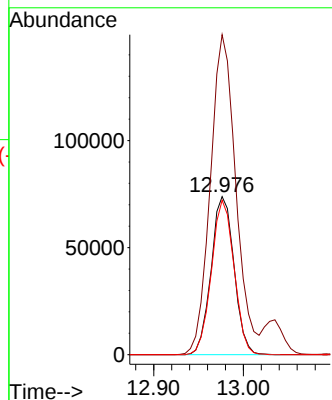
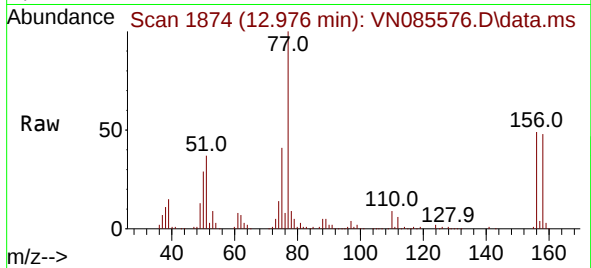




#77
Bromobenzene
Concen: 51.520 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

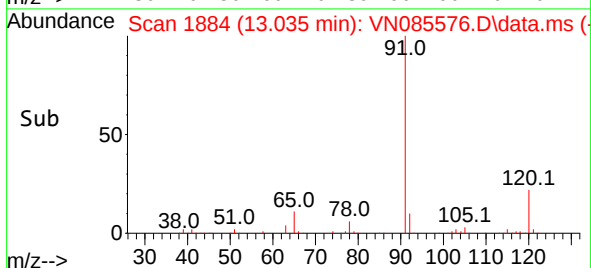
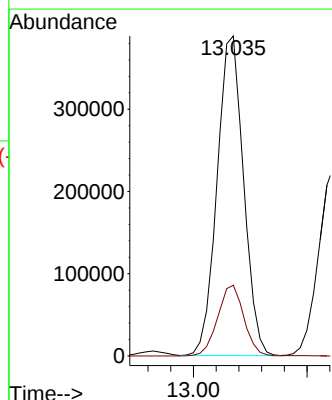
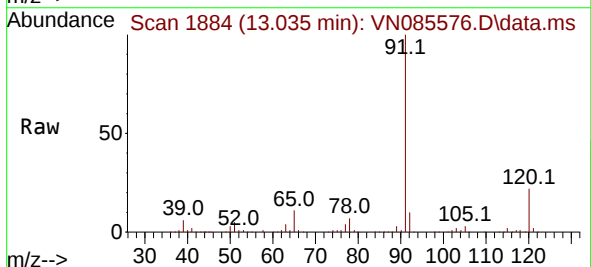
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

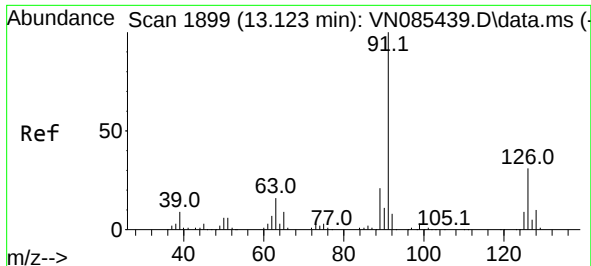
Tgt Ion:156 Resp: 130776
Ion Ratio Lower Upper
156 100
77 226.0 114.1 342.4
158 96.4 48.9 146.8



#78
n-propylbenzene
Concen: 54.718 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion: 91 Resp: 629351
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.6

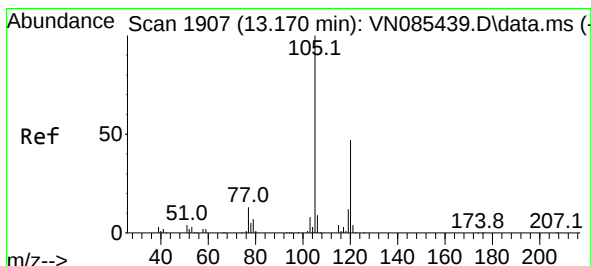
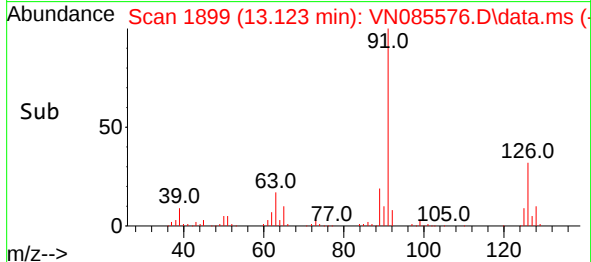
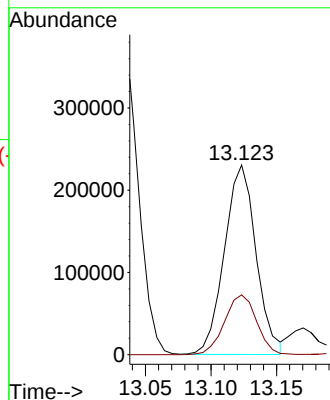
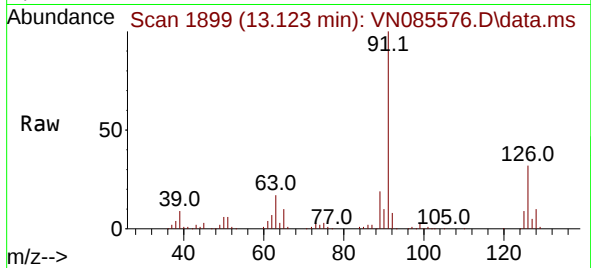




#79
2-Chlorotoluene
Concen: 52.013 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

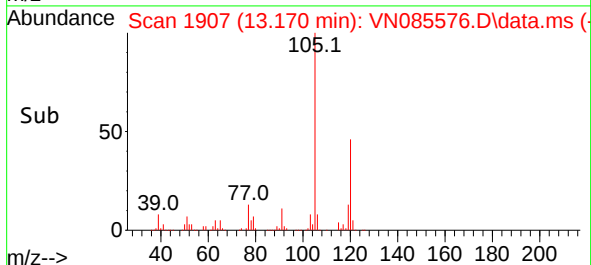
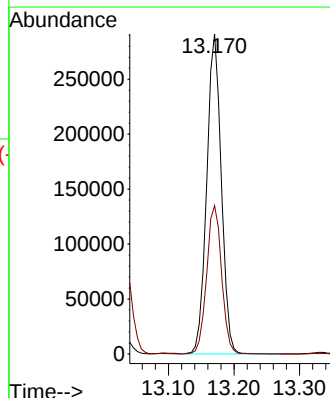
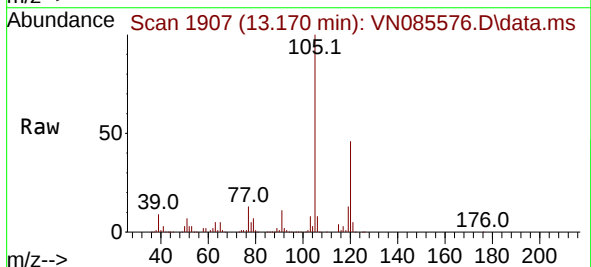
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

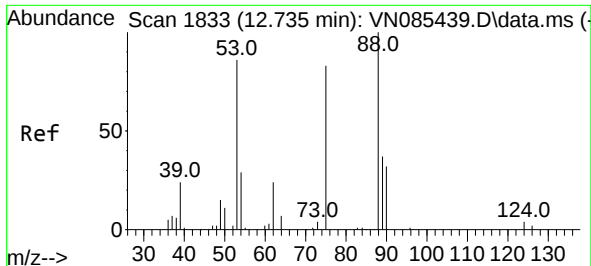
Tgt Ion: 91 Resp: 387181
Ion Ratio Lower Upper
91 100
126 32.0 15.7 47.1



#80
1,3,5-Trimethylbenzene
Concen: 56.104 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion: 105 Resp: 450252
Ion Ratio Lower Upper
105 100
120 47.6 23.9 71.7

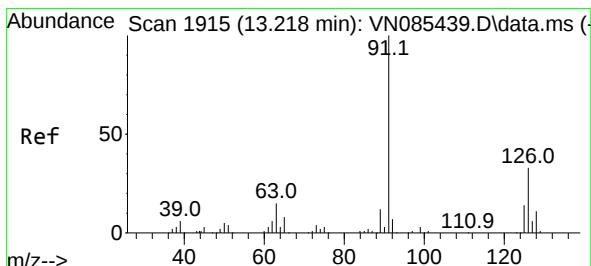
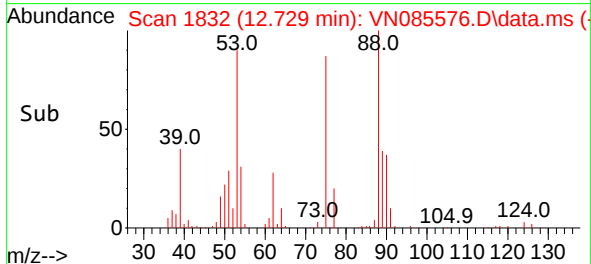
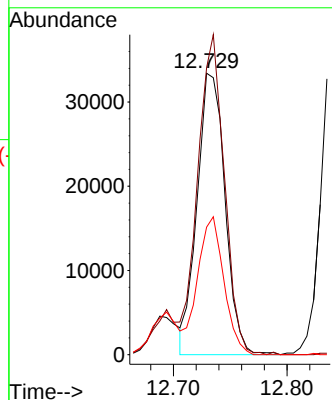
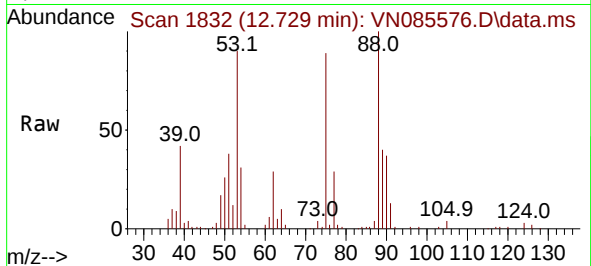




#81
trans-1,4-Dichloro-2-butene
Concen: 52.840 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

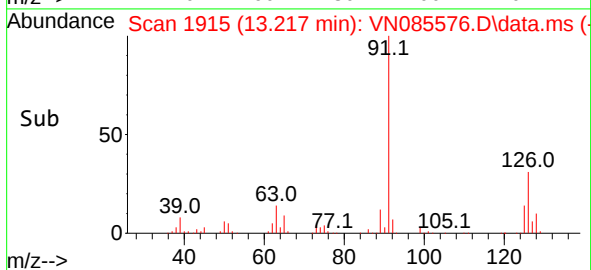
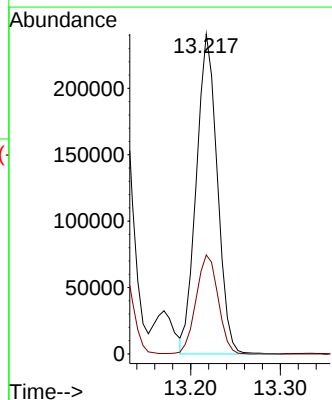
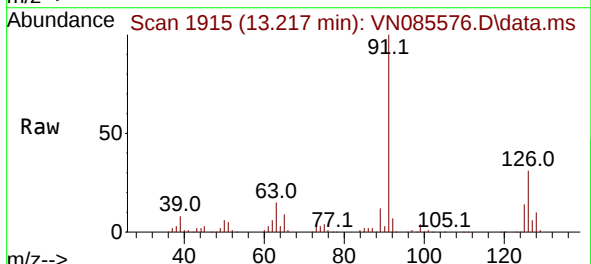
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 57144
Ion Ratio Lower Upper
75 100
53 110.3 95.6 143.4
89 46.5 37.0 55.6



#82
4-Chlorotoluene
Concen: 52.696 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion: 91 Resp: 390572
Ion Ratio Lower Upper
91 100
126 32.5 15.9 47.7

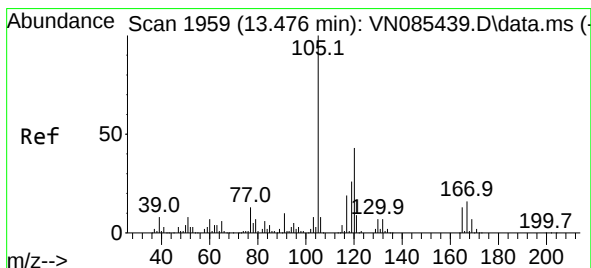
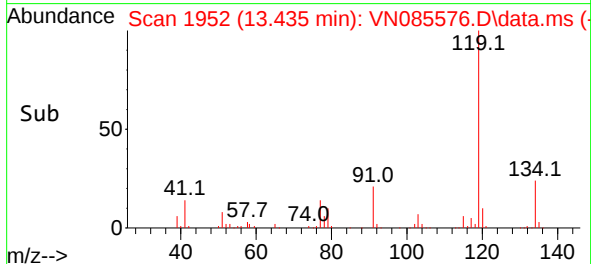
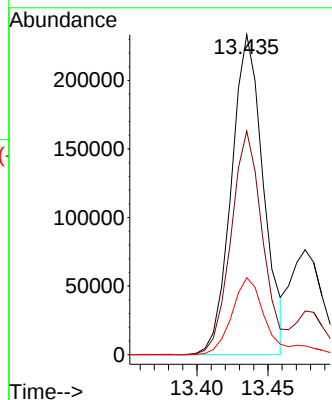
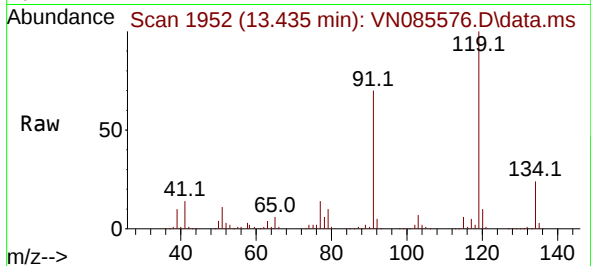




#83
tert-Butylbenzene
Concen: 54.306 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

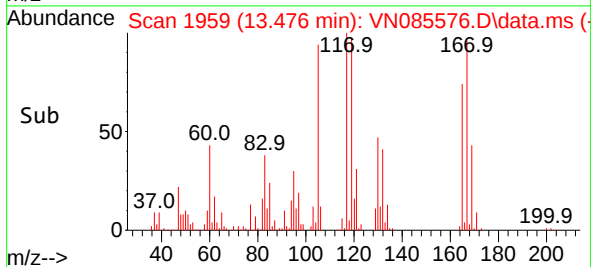
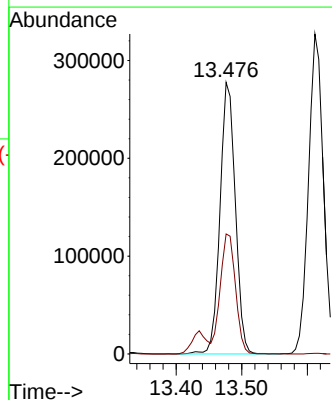
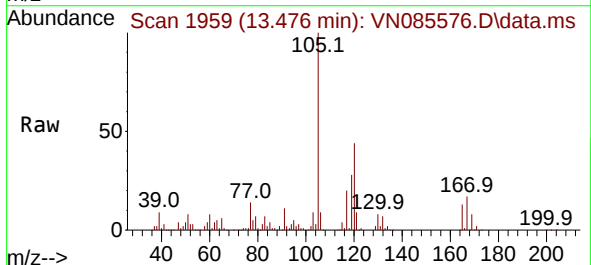
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

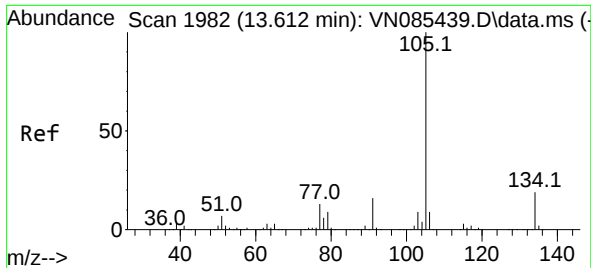
Tgt Ion:119 Resp: 365993
Ion Ratio Lower Upper
119 100
91 69.9 35.1 105.3
134 26.3 12.0 36.1



#84
1,2,4-Trimethylbenzene
Concen: 56.054 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion:105 Resp: 448357
Ion Ratio Lower Upper
105 100
120 44.0 21.6 65.0

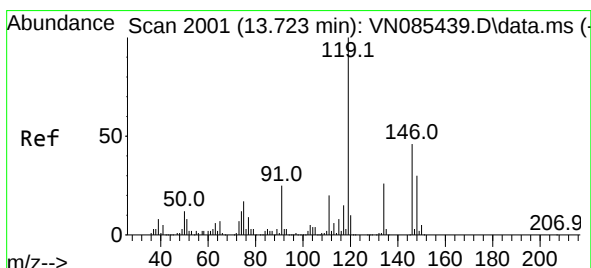
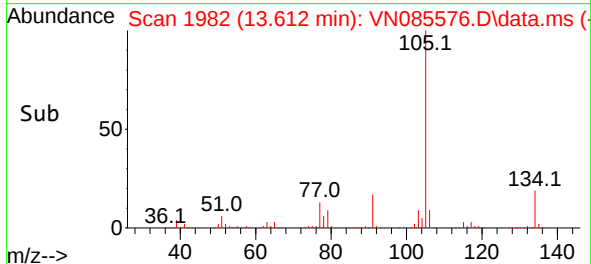
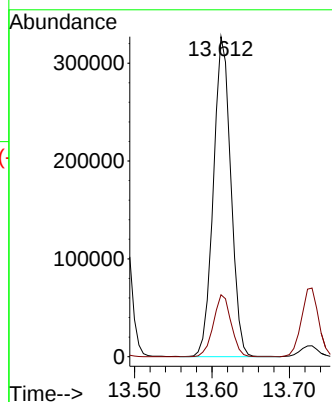
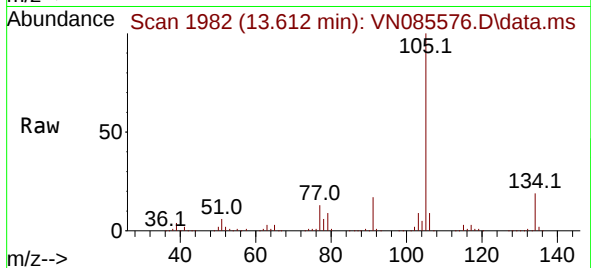




#85
 sec-Butylbenzene
 Concen: 54.921 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085576.D
 Acq: 30 Jan 2025 13:08

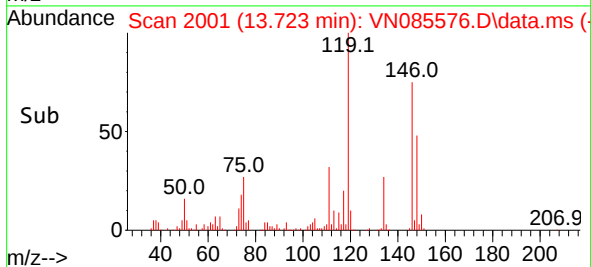
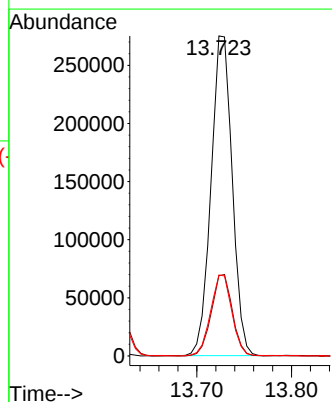
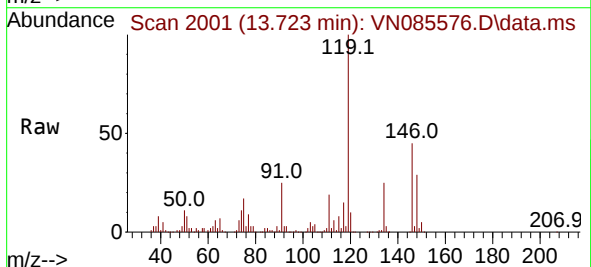
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

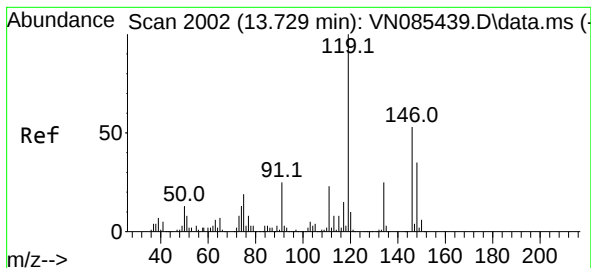
Tgt Ion:105 Resp: 512993
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 50.722 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085576.D
 Acq: 30 Jan 2025 13:08

Tgt Ion:119 Resp: 427384
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.0
 91 25.1 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 51.878 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085576.D

Acq: 30 Jan 2025 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

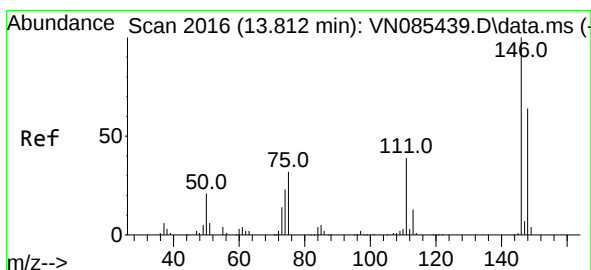
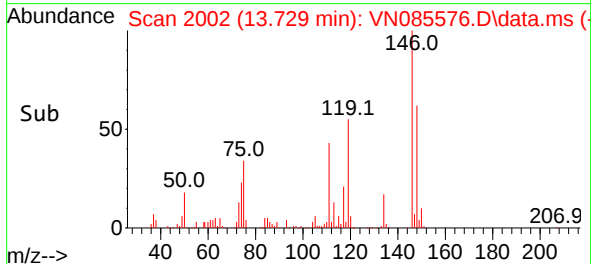
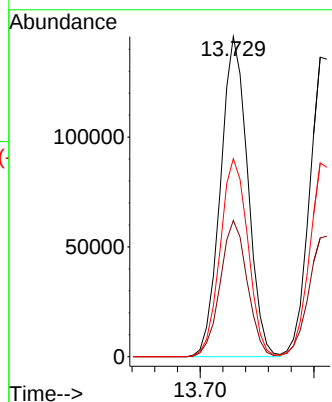
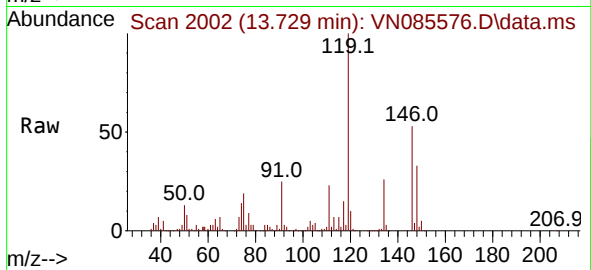
Tgt Ion:146 Resp: 242512

Ion Ratio Lower Upper

146 100

111 42.2 21.4 64.3

148 63.0 32.3 96.9



#88

1,4-Dichlorobenzene

Concen: 48.695 ug/l

RT: 13.806 min Scan# 2015

Delta R.T. -0.006 min

Lab File: VN085576.D

Acq: 30 Jan 2025 13:08

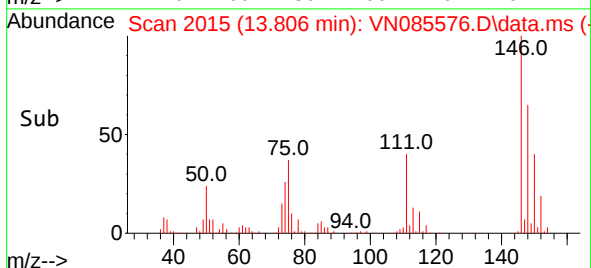
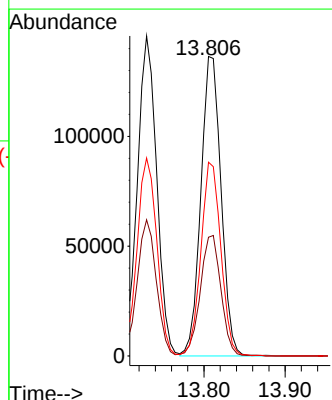
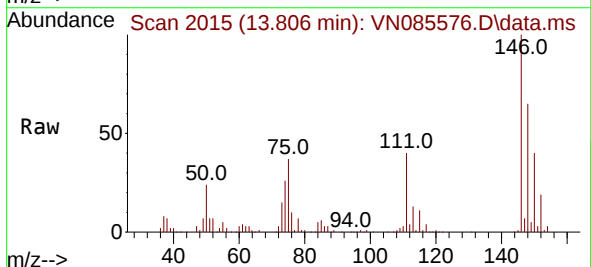
Tgt Ion:146 Resp: 235950

Ion Ratio Lower Upper

146 100

111 41.4 21.3 63.7

148 63.9 32.4 97.0

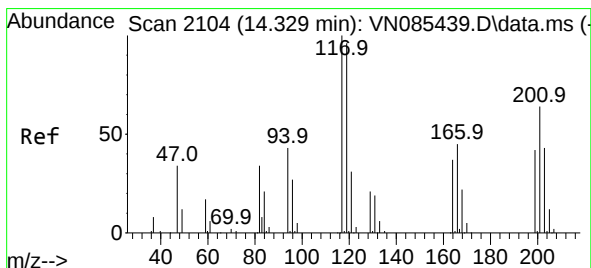
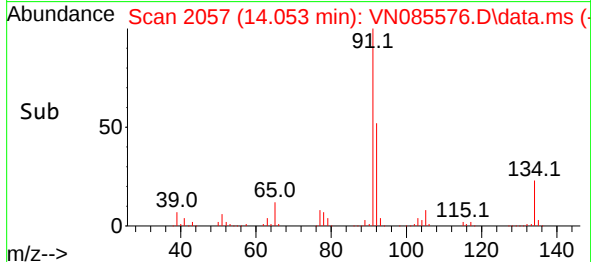
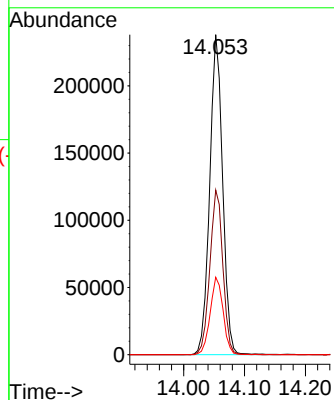
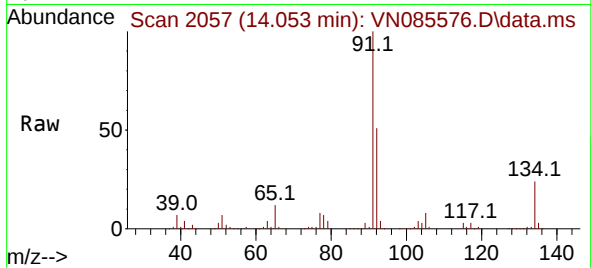




#89
n-Butylbenzene
Concen: 52.416 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

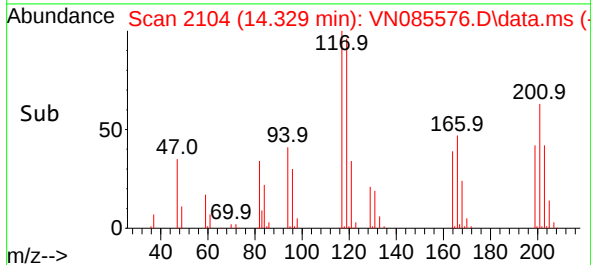
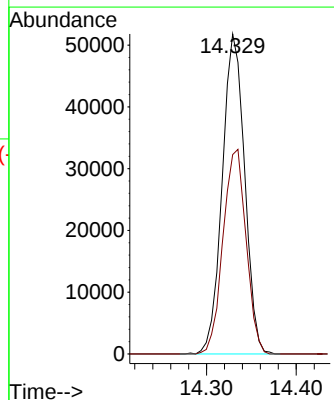
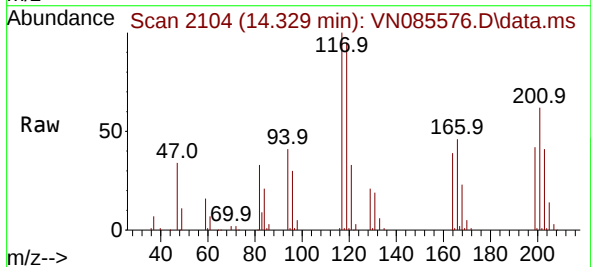
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

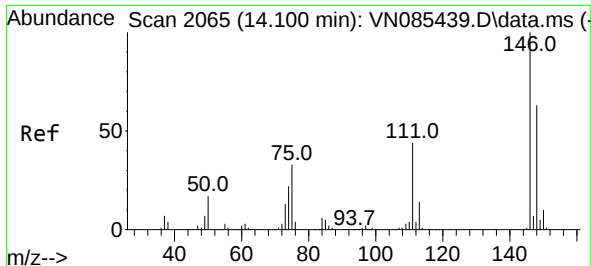
Tgt Ion: 91 Resp: 351238
Ion Ratio Lower Upper
91 100
92 51.8 25.8 77.3
134 24.3 11.7 35.1



#90
Hexachloroethane
Concen: 50.438 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion: 117 Resp: 89687
Ion Ratio Lower Upper
117 100
201 65.9 33.7 101.0

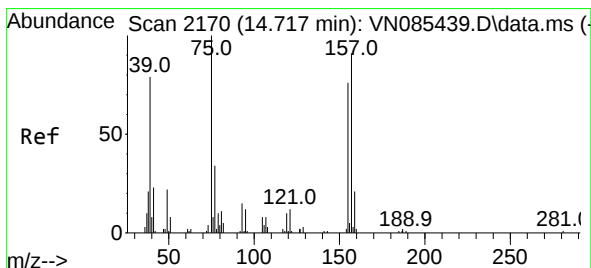
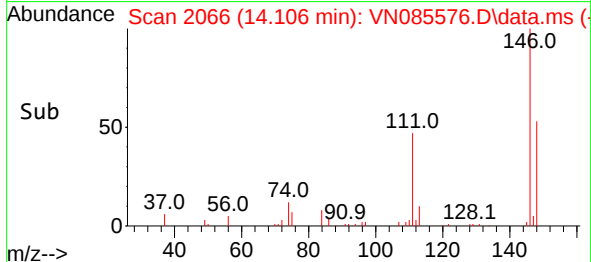
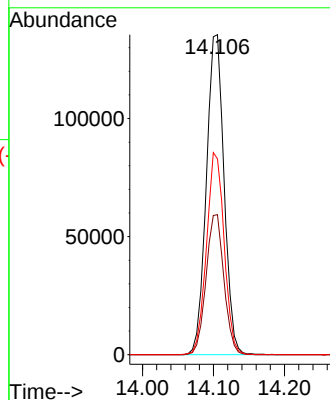
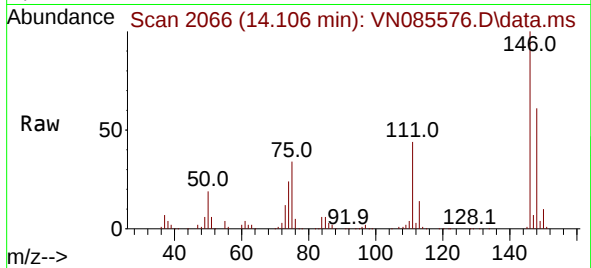




#91
1,2-Dichlorobenzene
Concen: 50.405 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

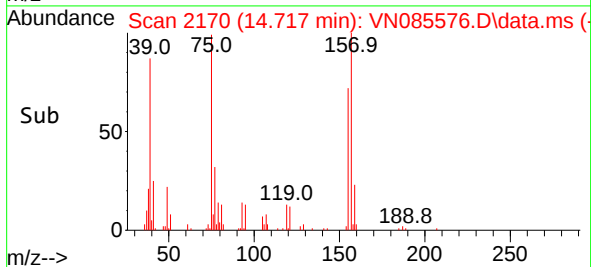
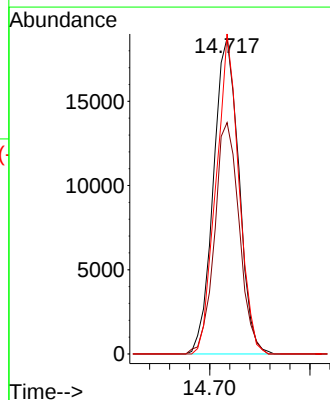
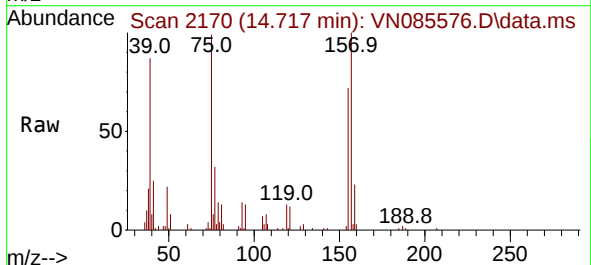
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

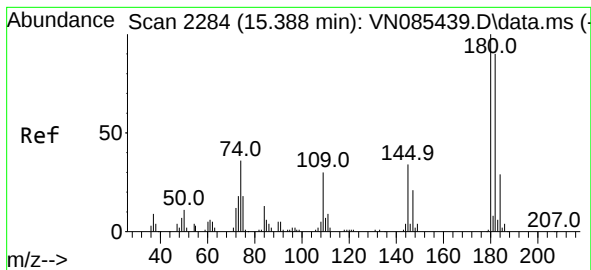
Tgt Ion:146 Resp: 235032
Ion Ratio Lower Upper
146 100
111 44.2 21.7 65.1
148 62.9 31.4 94.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.597 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085576.D
Acq: 30 Jan 2025 13:08

Tgt Ion: 75 Resp: 32963
Ion Ratio Lower Upper
75 100
155 71.2 36.4 109.2
157 90.7 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 48.570 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN085576.D

Acq: 30 Jan 2025 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

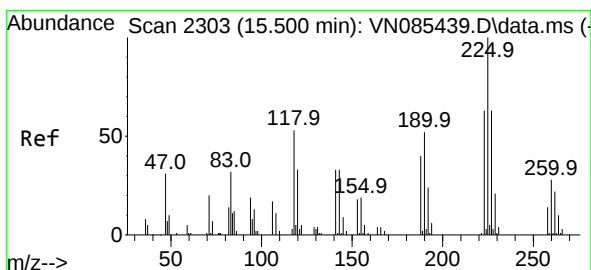
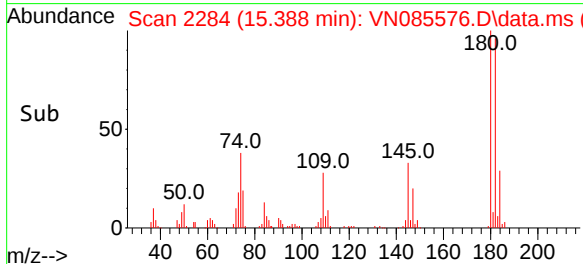
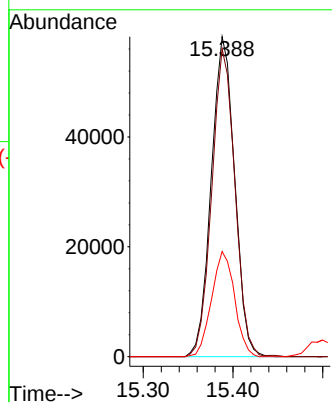
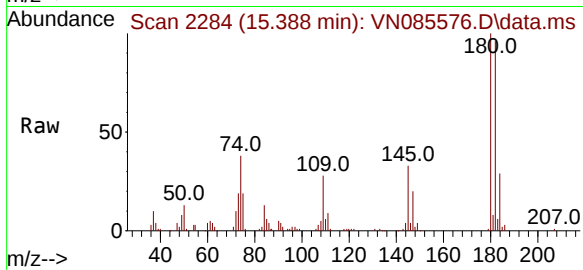
Tgt Ion:180 Resp: 105261

Ion Ratio Lower Upper

180 100

182 95.1 46.8 140.3

145 32.4 16.0 48.0



#94

Hexachlorobutadiene

Concen: 45.357 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN085576.D

Acq: 30 Jan 2025 13:08

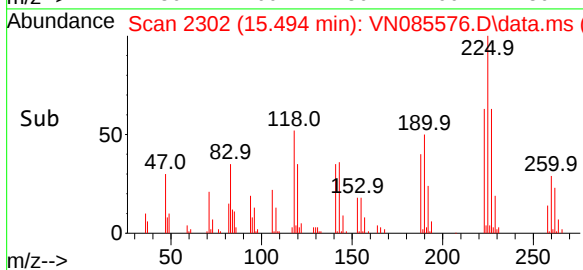
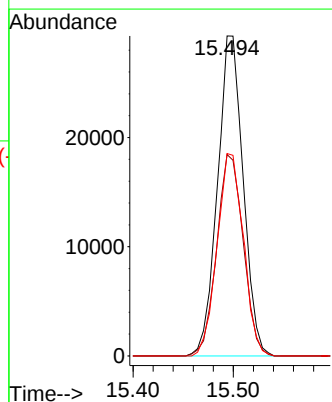
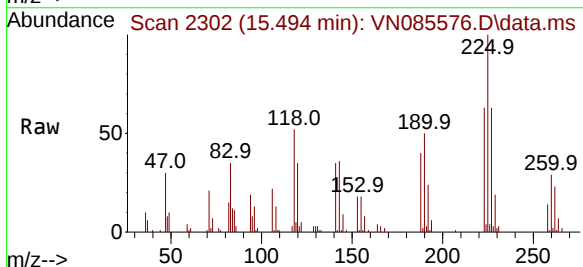
Tgt Ion:225 Resp: 52187

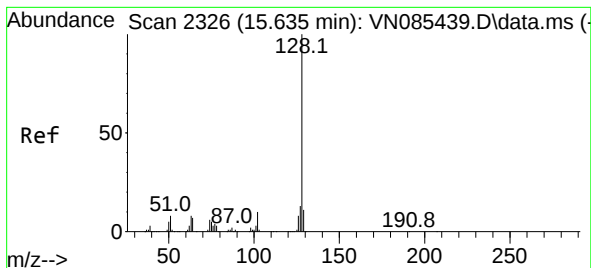
Ion Ratio Lower Upper

225 100

223 64.8 30.7 92.1

227 64.7 30.9 92.5





#95

Naphthalene

Concen: 50.099 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN085576.D

Acq: 30 Jan 2025 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

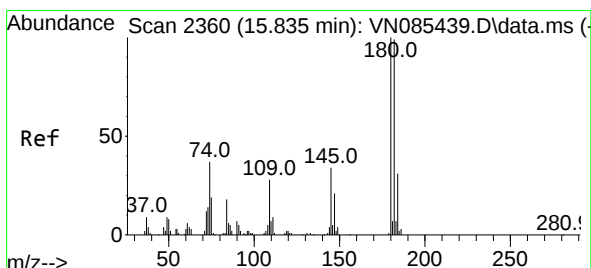
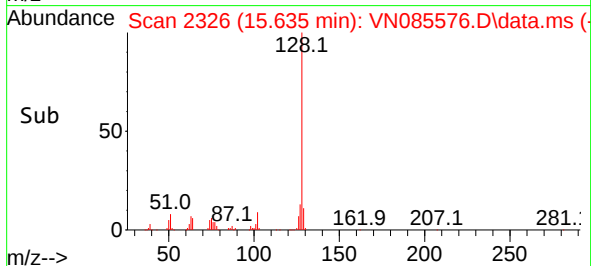
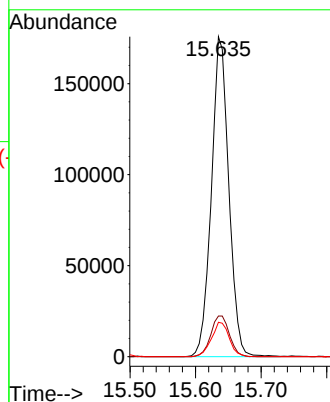
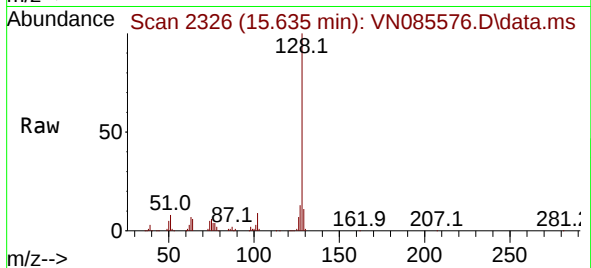
Tgt Ion:128 Resp: 323993

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 48.836 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085576.D

Acq: 30 Jan 2025 13:08

Tgt Ion:180 Resp: 107090

Ion Ratio Lower Upper

180 100

182 95.6 47.4 142.2

145 34.3 16.9 50.7

