

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
 Data File : VN084935.D
 Acq On : 19 Nov 2024 09:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 20 00:20:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	191121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	319795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140060	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	128370	46.504	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.000%
35) Dibromofluoromethane	8.165	113	100296	46.334	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.660%
50) Toluene-d8	10.565	98	361805	45.374	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.740%
62) 4-Bromofluorobenzene	12.847	95	141878	47.609	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	97001	44.150	ug/l	95
3) Chloromethane	2.359	50	110597	42.522	ug/l	97
4) Vinyl Chloride	2.512	62	107008	45.283	ug/l	97
5) Bromomethane	2.906	94	55094	44.003	ug/l	98
6) Chloroethane	3.077	64	70713	48.294	ug/l	93
7) Trichlorofluoromethane	3.471	101	182356	46.846	ug/l	97
8) Diethyl Ether	3.953	74	65937	48.018	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	105288	47.867	ug/l	99
10) Methyl Iodide	4.577	142	142160	48.358	ug/l	97
11) Tert butyl alcohol	5.536	59	87458	240.025	ug/l	99
12) 1,1-Dichloroethene	4.330	96	97079	44.604	ug/l	95
13) Acrolein	4.171	56	99160	272.913	ug/l	98
14) Allyl chloride	5.012	41	161760	45.828	ug/l	96
15) Acrylonitrile	5.712	53	260199	246.673	ug/l	99
16) Acetone	4.424	43	226860	284.903	ug/l	100
17) Carbon Disulfide	4.700	76	259868	38.771	ug/l	98
18) Methyl Acetate	5.018	43	133214	45.365	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	344516	51.644	ug/l	97
20) Methylene Chloride	5.265	84	111930	46.103	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	102229	45.743	ug/l	99
22) Diisopropyl ether	6.665	45	352685	50.286	ug/l	98
23) Vinyl Acetate	6.594	43	1255562	259.595	ug/l	98
24) 1,1-Dichloroethane	6.559	63	201578	47.872	ug/l	98
25) 2-Butanone	7.483	43	344040	267.147	ug/l	98
26) 2,2-Dichloropropane	7.488	77	182683	49.847	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	125243	47.994	ug/l	99
28) Bromochloromethane	7.806	49	95018	56.639	ug/l	96
29) Tetrahydrofuran	7.836	42	218171	255.360	ug/l	96
30) Chloroform	7.959	83	209141	48.799	ug/l	97
31) Cyclohexane	8.253	56	171769	45.071	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	189765	48.647	ug/l	99
36) 1,1-Dichloropropene	8.365	75	140999	46.967	ug/l	99
37) Ethyl Acetate	7.553	43	136462	50.101	ug/l	98
38) Carbon Tetrachloride	8.359	117	162977	48.570	ug/l	98
39) Methylcyclohexane	9.594	83	156684	51.303	ug/l	98
40) Benzene	8.600	78	451082	46.788	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	77366	52.820	ug/l	97
42) 1,2-Dichloroethane	8.665	62	155403	49.771	ug/l	99
43) Isopropyl Acetate	8.683	43	251358	49.952	ug/l	100
44) Trichloroethene	9.347	130	101462	45.632	ug/l	99
45) 1,2-Dichloropropane	9.618	63	112302	49.656	ug/l	99
46) Dibromomethane	9.706	93	77732	48.708	ug/l	99
47) Bromodichloromethane	9.882	83	165675	49.250	ug/l #	99
48) Methyl methacrylate	9.677	41	108960	51.400	ug/l	97
49) 1,4-Dioxane	9.694	88	36146	962.235	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	695093	267.698	ug/l	99
52) Toluene	10.629	92	277347	49.188	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	162768	46.744	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	181142	49.151	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	104942	49.408	ug/l	97
56) Ethyl methacrylate	10.871	69	168362	54.801	ug/l	97
57) 1,3-Dichloropropane	11.159	76	179454	49.230	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	402039	279.659	ug/l	97
59) 2-Hexanone	11.194	43	521393	275.870	ug/l	98
60) Dibromochloromethane	11.359	129	122913	50.776	ug/l	99
61) 1,2-Dibromoethane	11.471	107	103704	47.679	ug/l	100
64) Tetrachloroethene	11.100	164	87135	48.094	ug/l	97
65) Chlorobenzene	11.888	112	290368	47.651	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	105627	49.834	ug/l	99
67) Ethyl Benzene	11.959	91	516649	50.793	ug/l	99
68) m/p-Xylenes	12.071	106	398723	103.542	ug/l	100
69) o-Xylene	12.394	106	191427	53.139	ug/l	100
70) Styrene	12.406	104	324789	51.684	ug/l	99
71) Bromoform	12.576	173	79980	50.147	ug/l #	99
73) Isopropylbenzene	12.694	105	484105	49.323	ug/l	100
74) N-amyl acetate	12.494	43	210044	50.280	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	152902	46.671	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	195531	69.839	ug/l	61
77) Bromobenzene	12.976	156	117590	44.566	ug/l	98
78) n-propylbenzene	13.035	91	560537	48.736	ug/l	99
79) 2-Chlorotoluene	13.123	91	357849	47.616	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	421482	51.812	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	53699	45.503	ug/l	89
82) 4-Chlorotoluene	13.218	91	361943	45.763	ug/l	99
83) tert-Butylbenzene	13.435	119	343776	51.061	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	428779	51.069	ug/l	99
85) sec-Butylbenzene	13.612	105	480667	50.542	ug/l	99
86) p-Isopropyltoluene	13.729	119	408036	52.315	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	217656	42.268	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	216598	45.744	ug/l	100
89) n-Butylbenzene	14.053	91	343697	47.108	ug/l	100
90) Hexachloroethane	14.329	117	76160	43.786	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	219245	44.308	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29192	43.984	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	107065	39.531	ug/l	99
94) Hexachlorobutadiene	15.500	225	49545	41.656	ug/l	99
95) Naphthalene	15.641	128	350435	43.227	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	106957	40.681	ug/l	98

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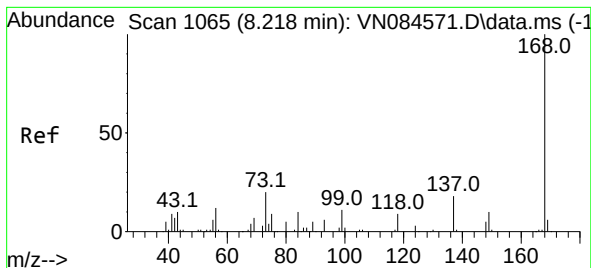
Quant Time: Nov 20 00:20:14 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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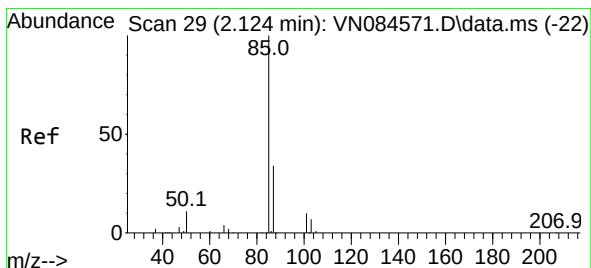
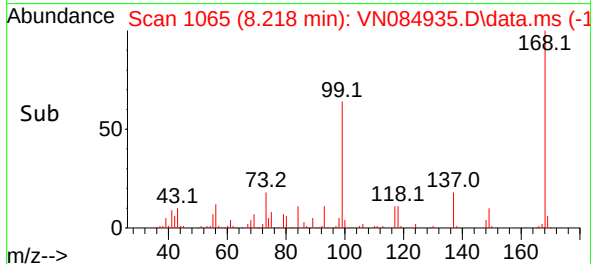
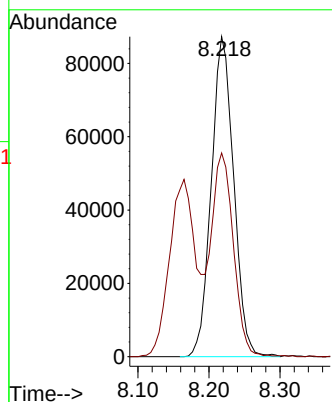
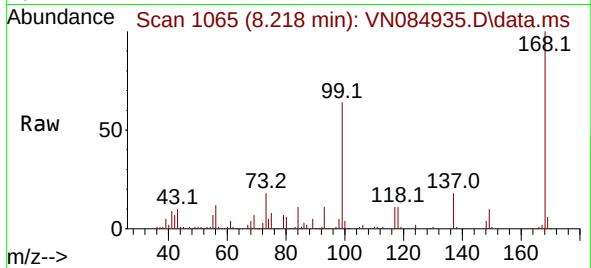




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

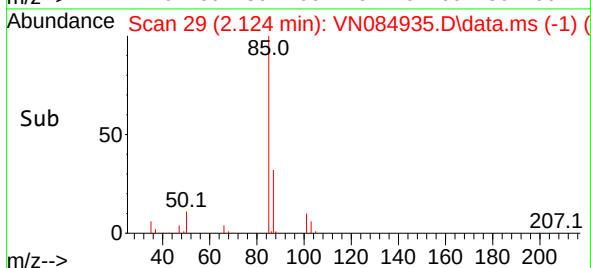
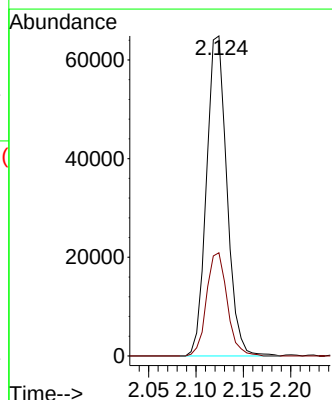
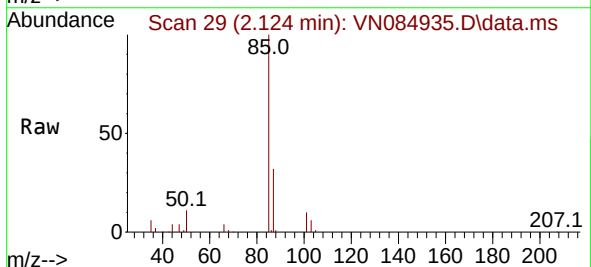
Instrument :
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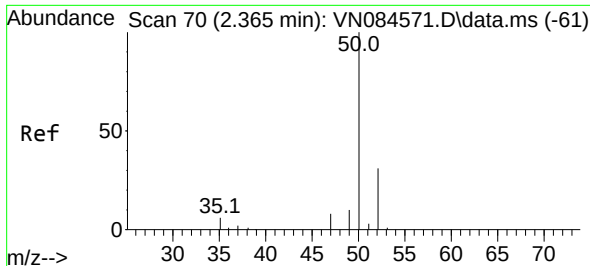
Tgt Ion:168 Resp: 191121
Ion Ratio Lower Upper
168 100
99 63.3 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 44.150 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion: 85 Resp: 97001
Ion Ratio Lower Upper
85 100
87 32.3 17.6 52.9

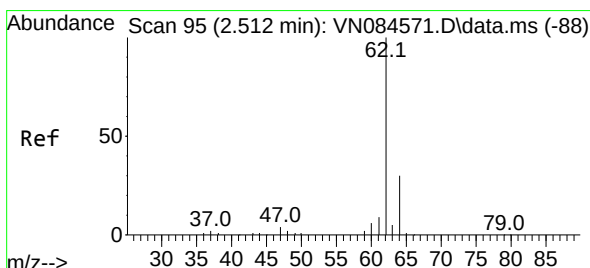
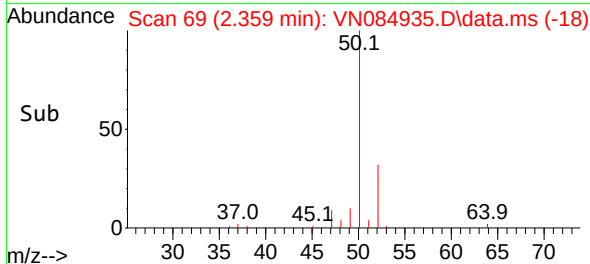
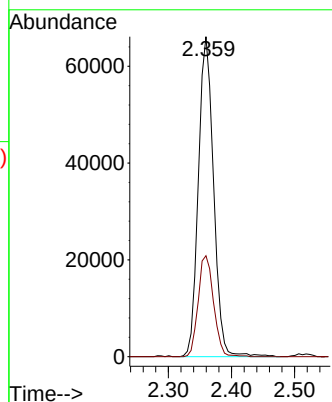
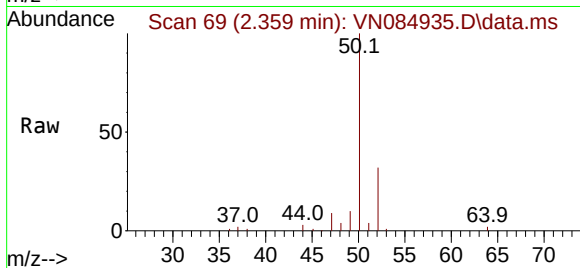




#3
Chloromethane
Concen: 42.522 ug/l
RT: 2.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

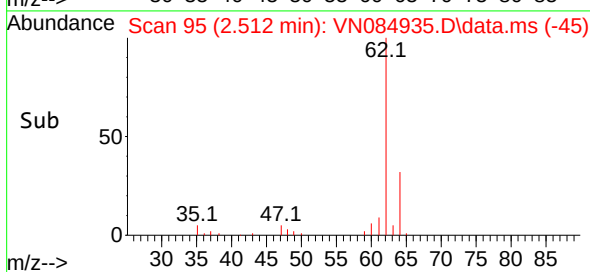
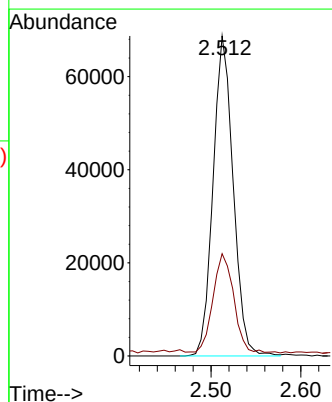
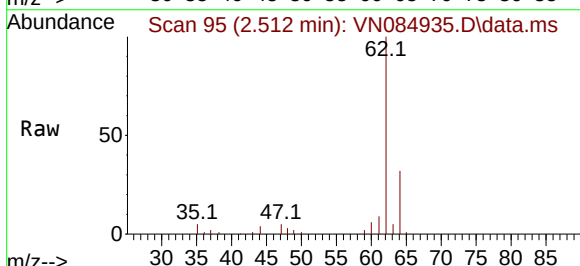
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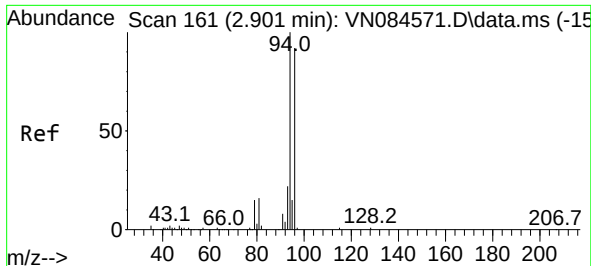
Tgt Ion: 50 Resp: 110597
Ion Ratio Lower Upper
50 100
52 31.5 26.8 40.2



#4
Vinyl Chloride
Concen: 45.283 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion: 62 Resp: 107008
Ion Ratio Lower Upper
62 100
64 31.0 26.2 39.4

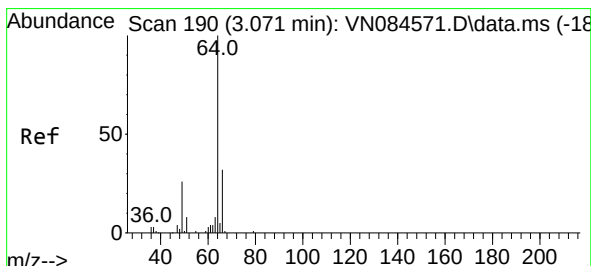
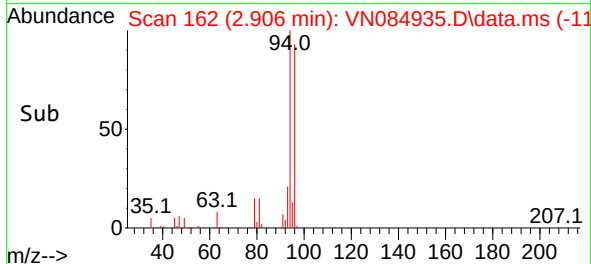
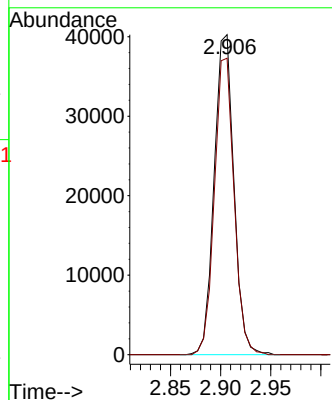
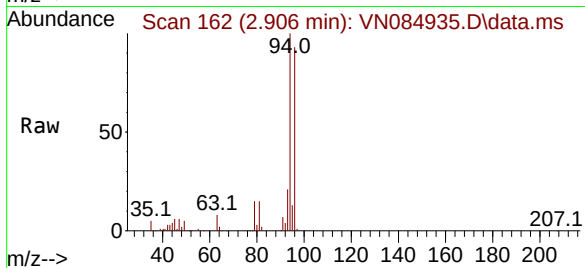




#5
Bromomethane
Concen: 44.003 ug/l
RT: 2.906 min Scan# 1
Delta R.T. -0.047 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

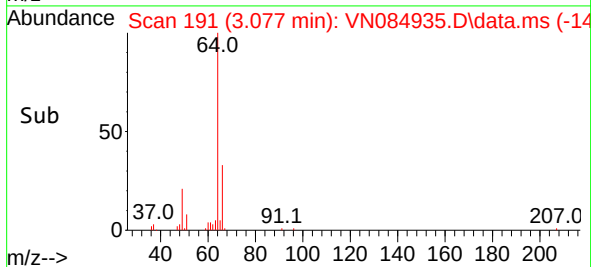
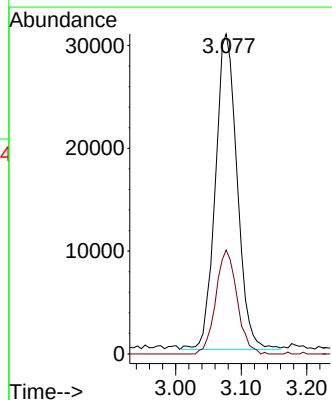
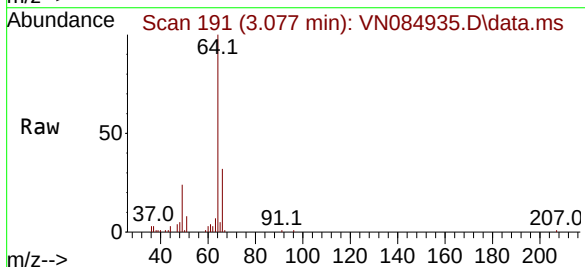
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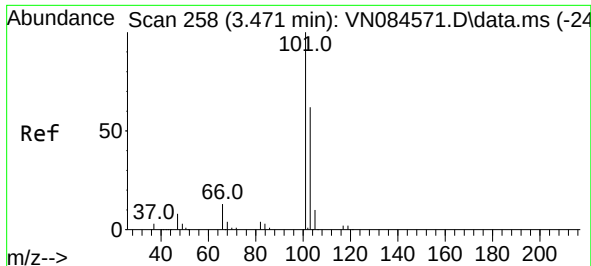
Tgt Ion: 94 Resp: 55094
Ion Ratio Lower Upper
94 100
96 92.6 72.9 109.3



#6
Chloroethane
Concen: 48.294 ug/l
RT: 3.077 min Scan# 191
Delta R.T. -0.041 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion: 64 Resp: 70713
Ion Ratio Lower Upper
64 100
66 32.9 23.5 35.3

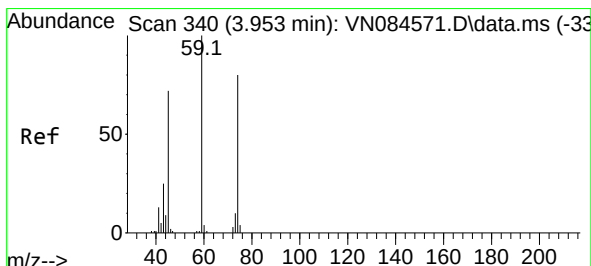
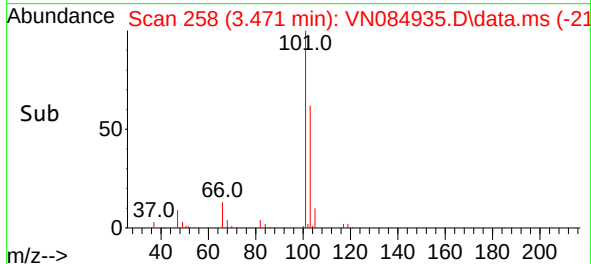
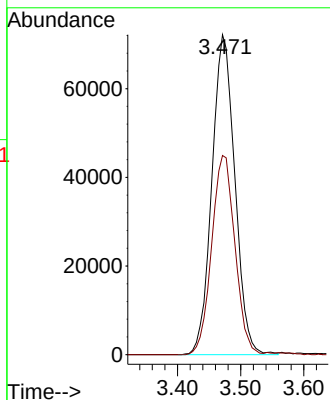
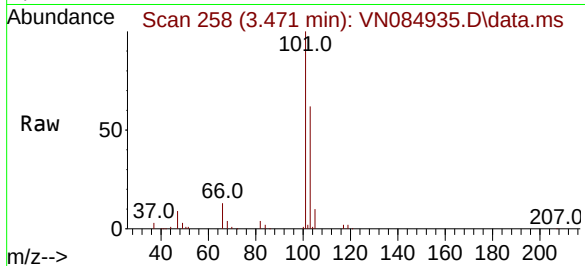




#7
Trichlorofluoromethane
Concen: 46.846 ug/l
RT: 3.471 min Scan# 21
Delta R.T. -0.024 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

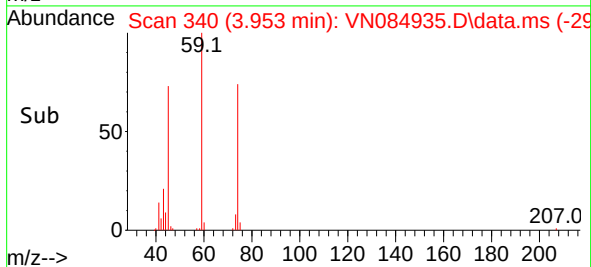
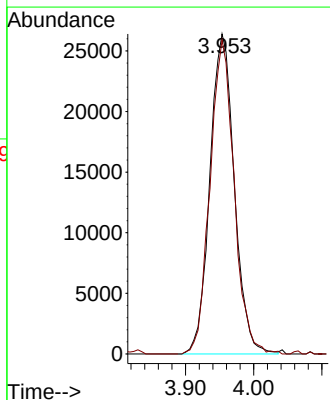
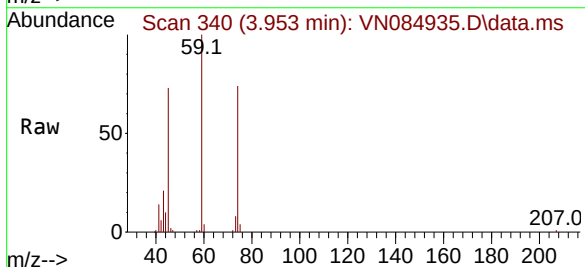
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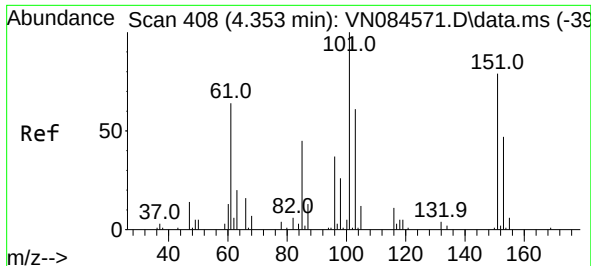
Tgt Ion:101 Resp: 182356
Ion Ratio Lower Upper
101 100
103 62.3 51.8 77.6



#8
Diethyl Ether
Concen: 48.018 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion: 74 Resp: 65937
Ion Ratio Lower Upper
74 100
45 96.8 47.7 143.1

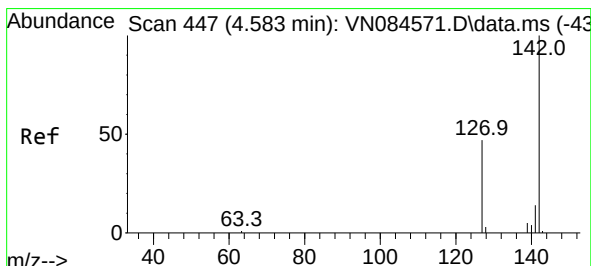
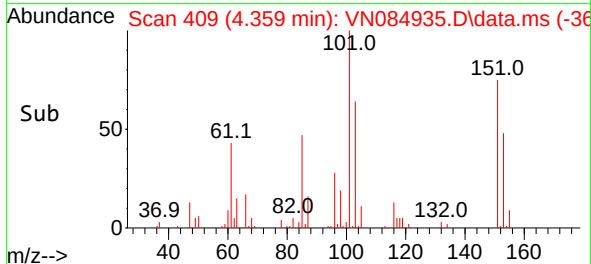
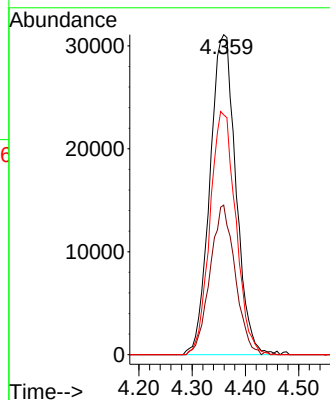
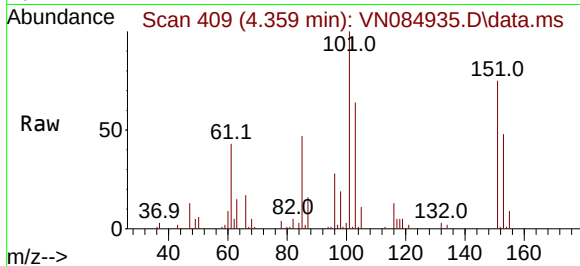




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.867 ug/l
RT: 4.359 min Scan# 408
Delta R.T. -0.012 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

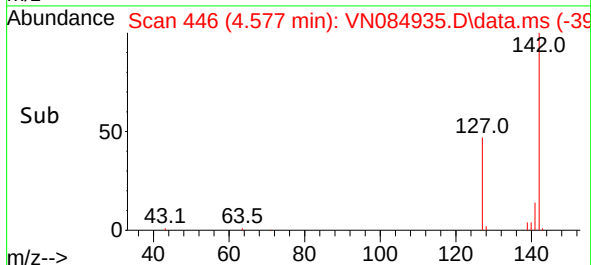
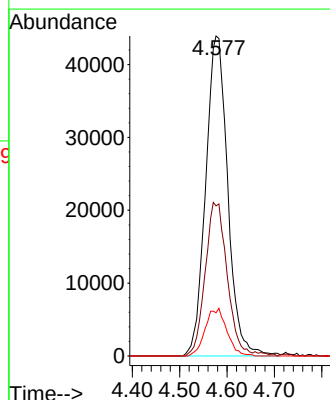
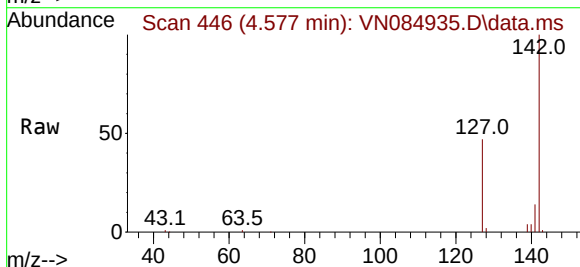
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

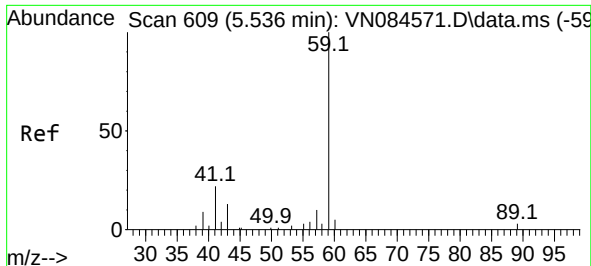
Tgt Ion:101 Resp: 105288
Ion Ratio Lower Upper
101 100
85 45.1 36.2 54.4
151 75.3 59.3 88.9



#10
Methyl Iodide
Concen: 48.358 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.018 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion:142 Resp: 142160
Ion Ratio Lower Upper
142 100
127 46.9 35.3 52.9
141 13.5 11.0 16.6

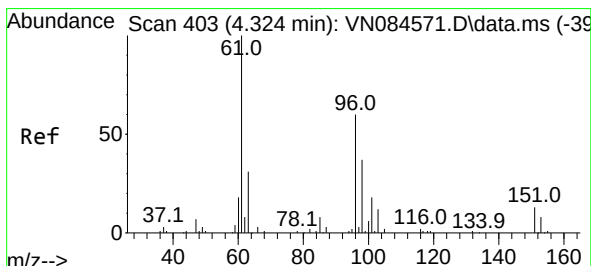
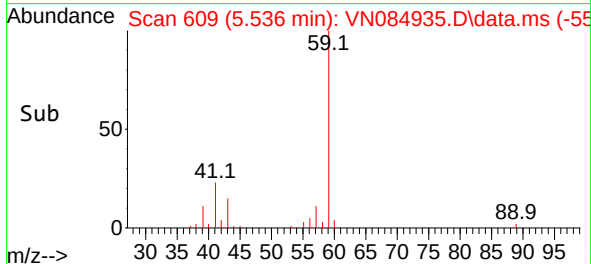
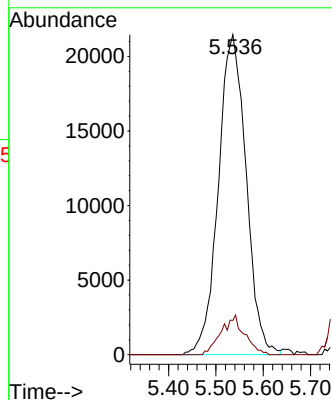
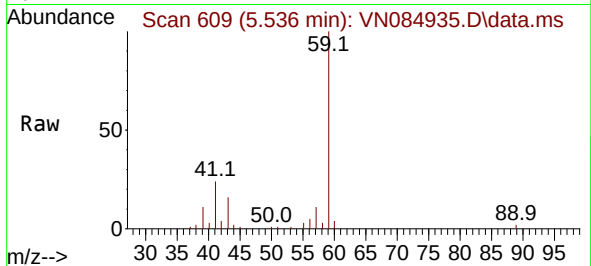




#11
Tert butyl alcohol
Concen: 240.025 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

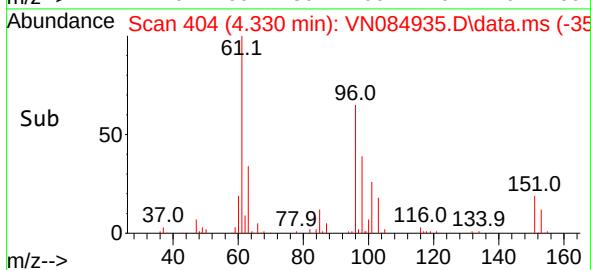
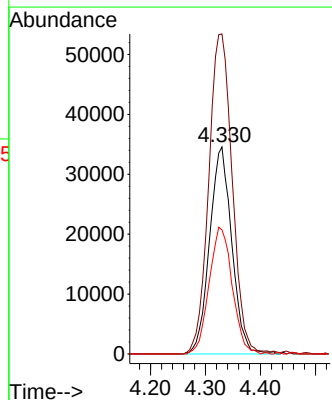
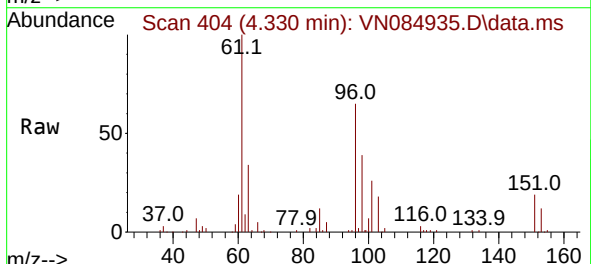
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

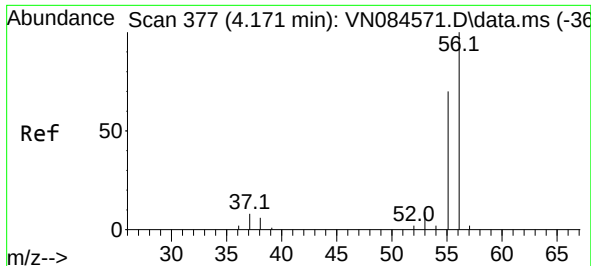
Tgt Ion: 59 Resp: 87458
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 44.604 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.012 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion: 96 Resp: 97079
Ion Ratio Lower Upper
96 100
61 154.6 128.6 192.8
98 60.0 51.7 77.5





#13

Acrolein

Concen: 272.913 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

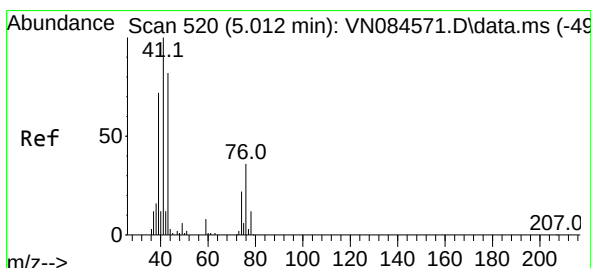
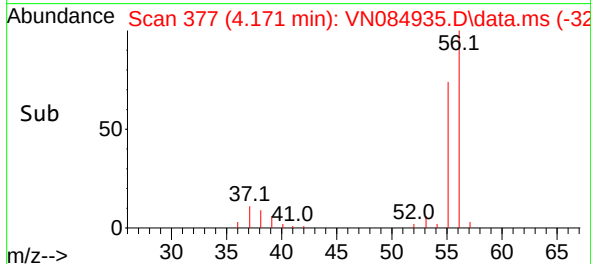
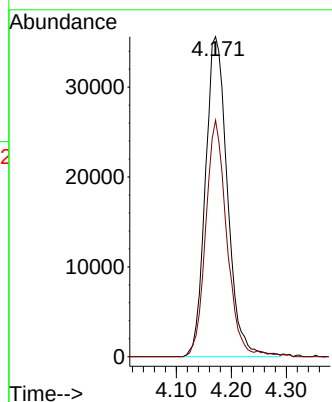
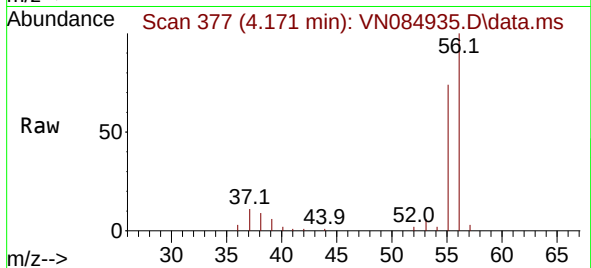
VSTDCCC050

Tgt Ion: 56 Resp: 99160

Ion Ratio Lower Upper

56 100

55 69.8 57.2 85.8



#14

Allyl chloride

Concen: 45.828 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.012 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

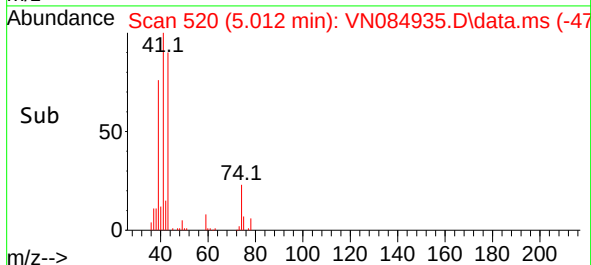
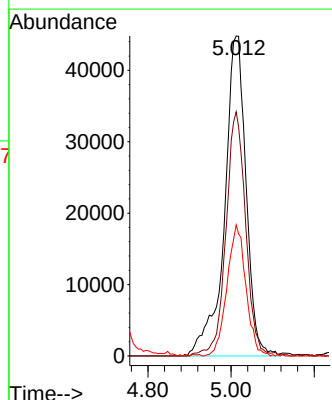
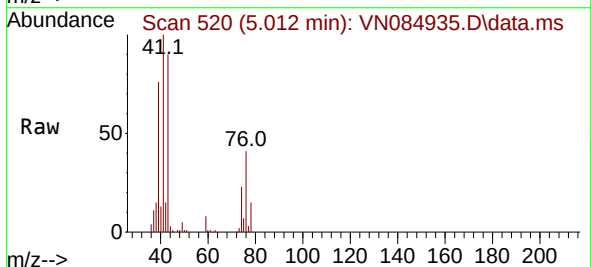
Tgt Ion: 41 Resp: 161760

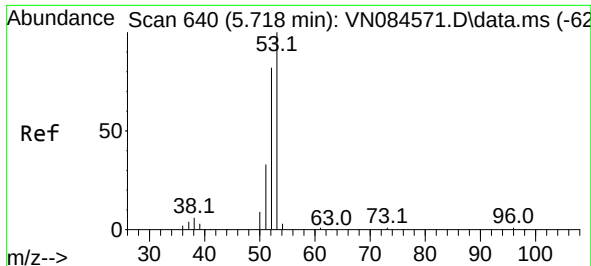
Ion Ratio Lower Upper

41 100

39 69.8 59.0 88.6

76 35.8 29.8 44.6

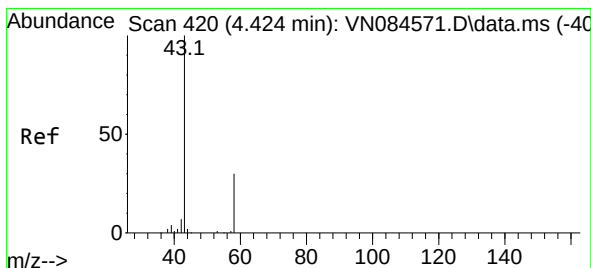
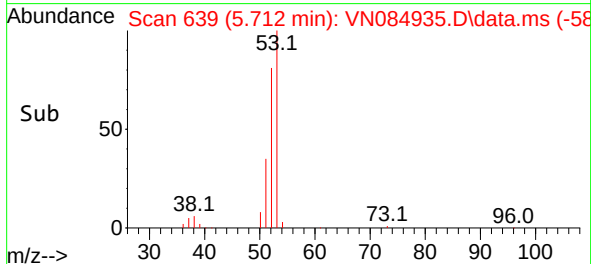
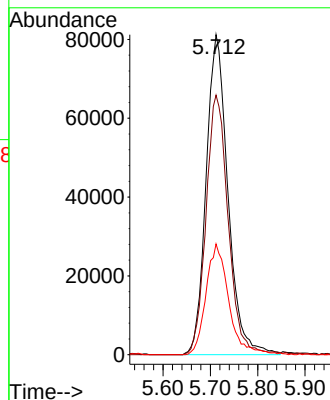
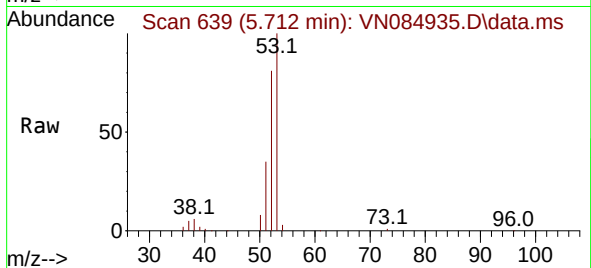




#15
Acrylonitrile
Concen: 246.673 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

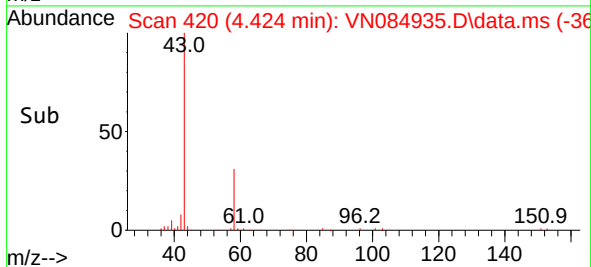
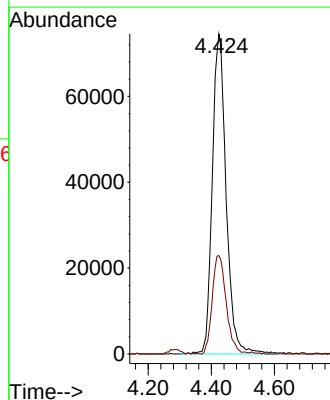
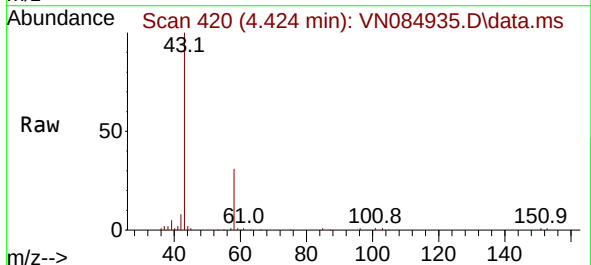
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

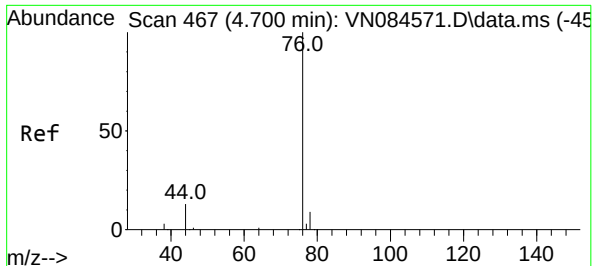
Tgt Ion: 53 Resp: 260199
Ion Ratio Lower Upper
53 100
52 82.1 66.2 99.4
51 36.0 28.8 43.2



#16
Acetone
Concen: 284.903 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion: 43 Resp: 226860
Ion Ratio Lower Upper
43 100
58 30.5 24.4 36.6

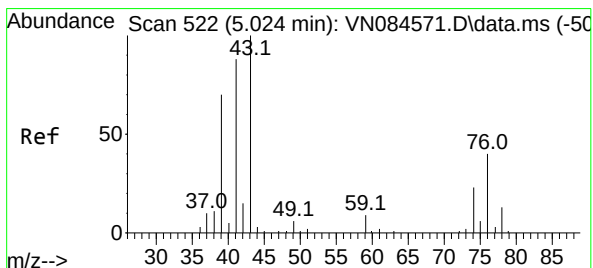
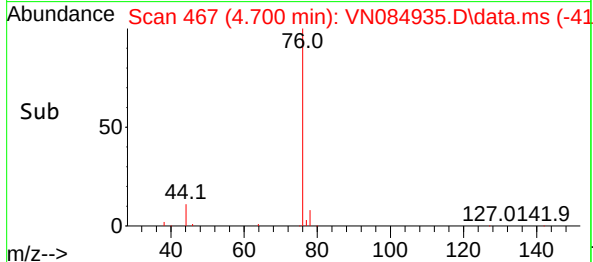
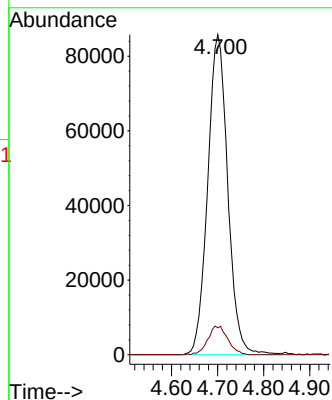
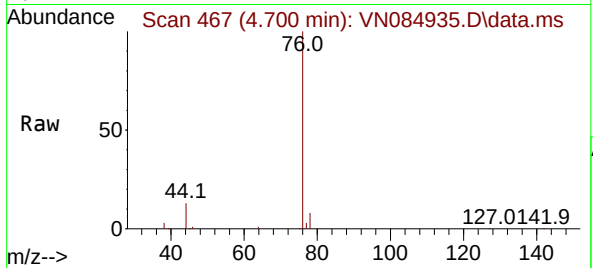




#17
Carbon Disulfide
Concen: 38.771 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

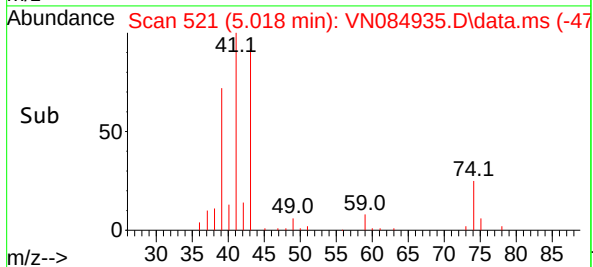
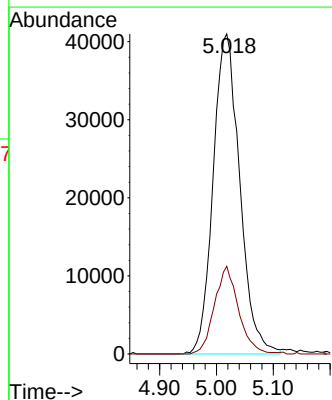
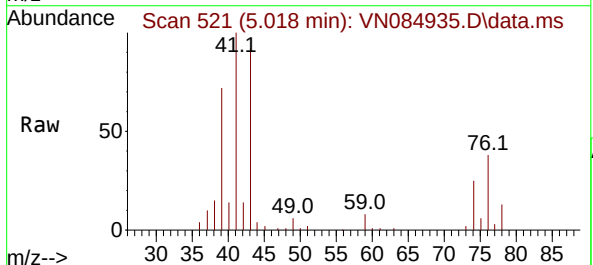
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

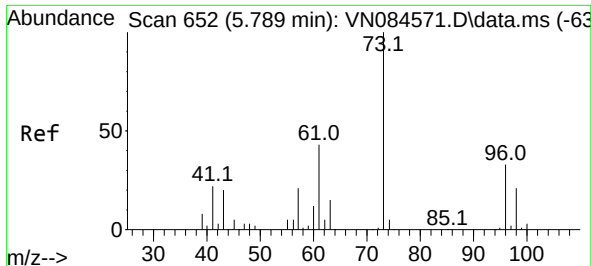
Tgt Ion: 76 Resp: 259868
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9



#18
Methyl Acetate
Concen: 45.365 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion: 43 Resp: 133214
Ion Ratio Lower Upper
43 100
74 24.8 19.2 28.8

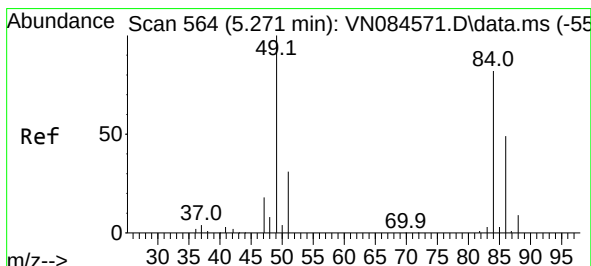
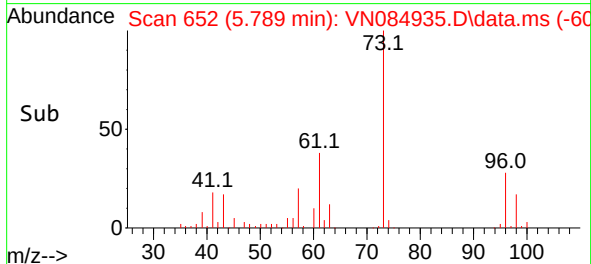
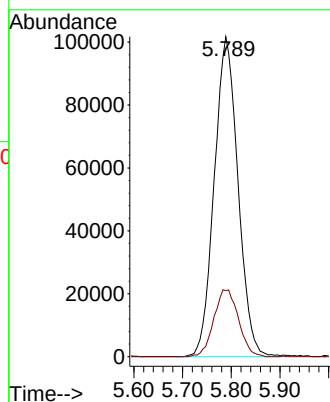
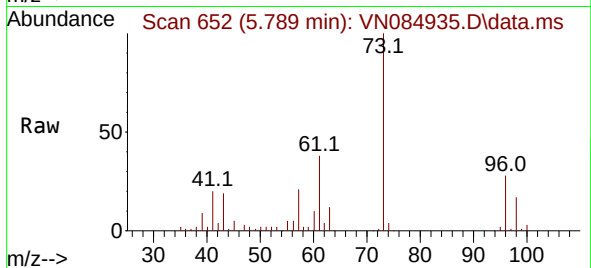




#19
Methyl tert-butyl Ether
Concen: 51.644 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

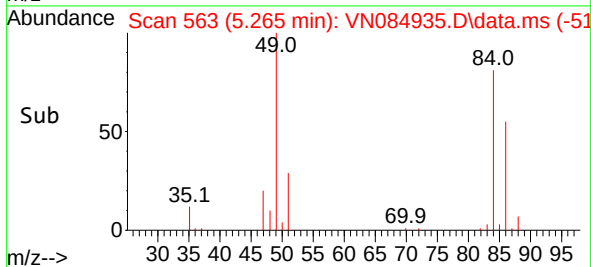
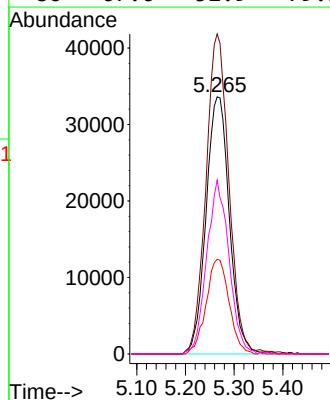
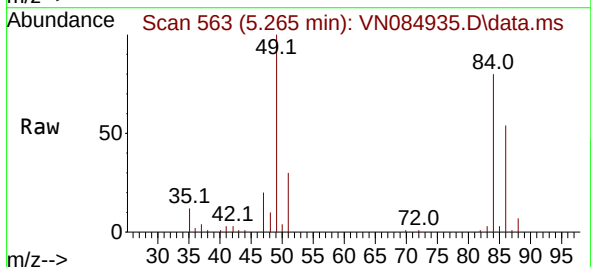
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

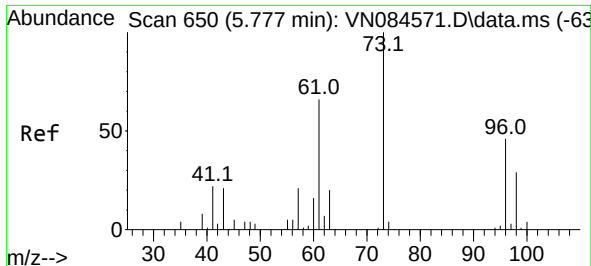
Tgt Ion: 73 Resp: 344516
Ion Ratio Lower Upper
73 100
57 20.7 17.7 26.5



#20
Methylene Chloride
Concen: 46.103 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion: 84 Resp: 111930
Ion Ratio Lower Upper
84 100
49 124.5 107.2 160.8
51 36.9 31.8 47.8
86 67.6 52.9 79.3

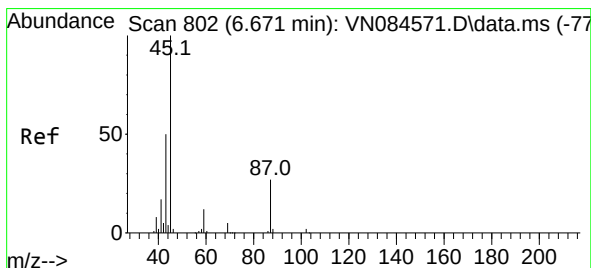
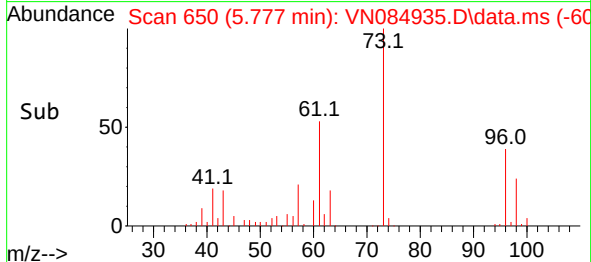
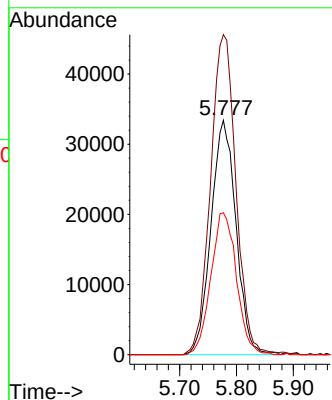
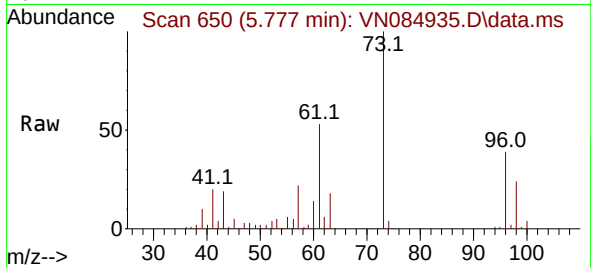




#21
trans-1,2-Dichloroethene
Concen: 45.743 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

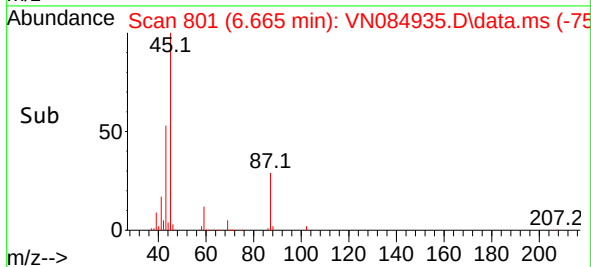
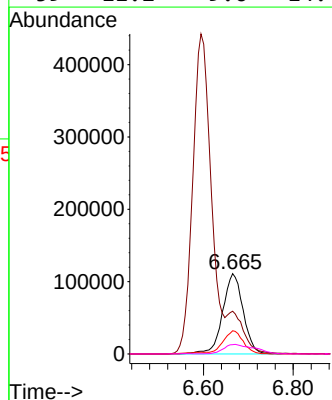
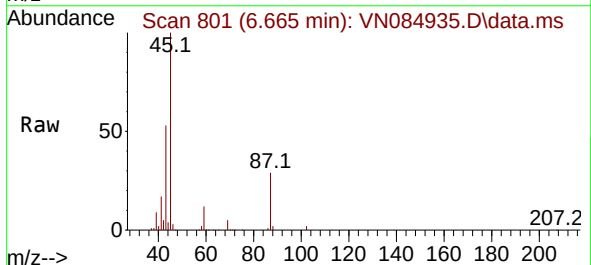
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

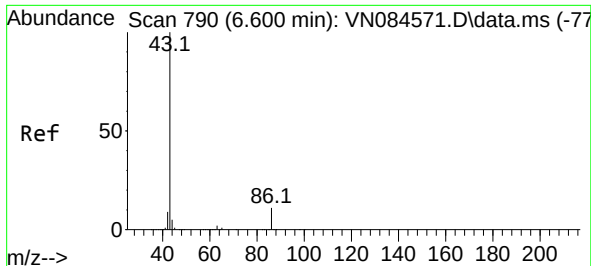
Tgt Ion: 96 Resp: 102229
Ion Ratio Lower Upper
96 100
61 136.5 108.4 162.6
98 60.6 49.8 74.8



#22
Diisopropyl ether
Concen: 50.286 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion: 45 Resp: 352685
Ion Ratio Lower Upper
45 100
43 52.1 42.3 63.5
87 28.8 21.8 32.6
59 11.2 9.6 14.4

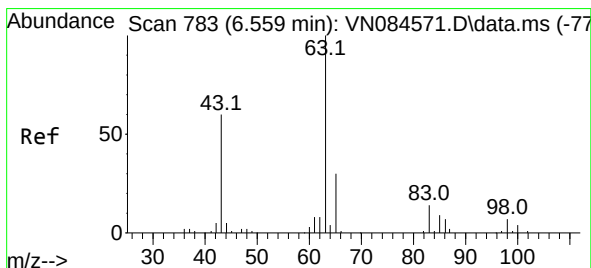
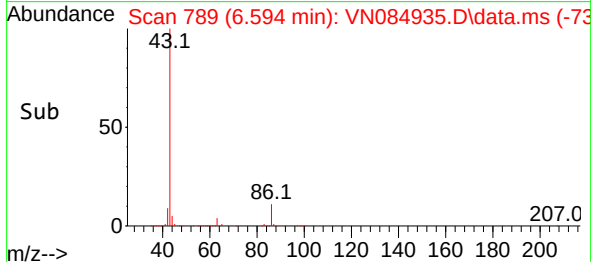
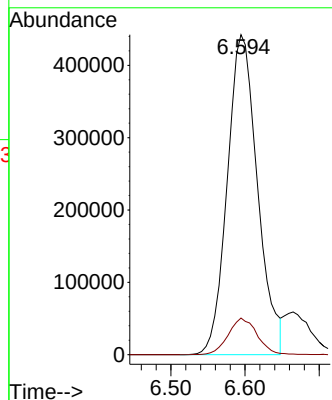
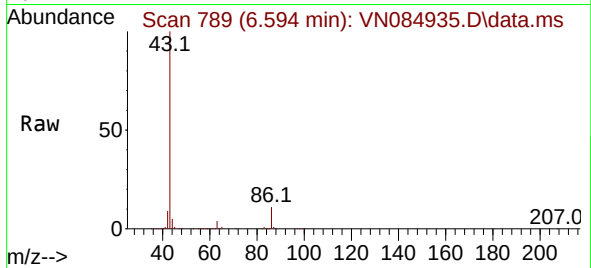




#23
 Vinyl Acetate
 Concen: 259.595 ug/l
 RT: 6.594 min Scan# 790
 Delta R.T. -0.006 min
 Lab File: VN084935.D
 Acq: 19 Nov 2024 09:27

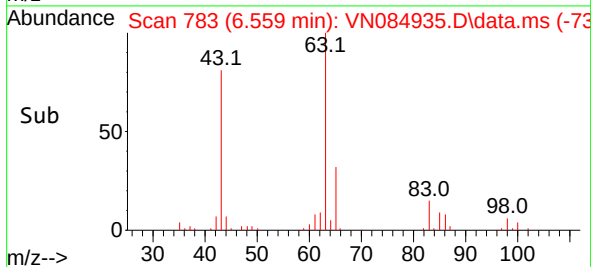
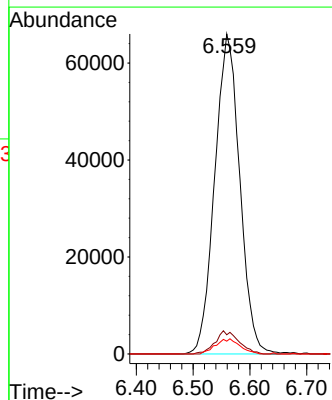
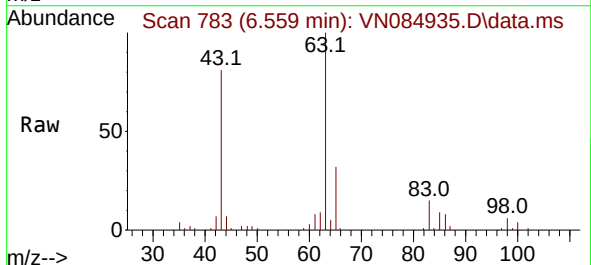
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

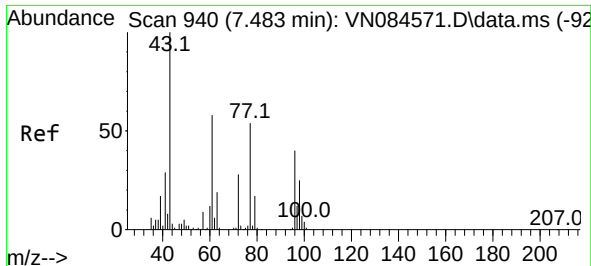
Tgt Ion: 43 Resp: 1255562
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 47.872 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN084935.D
 Acq: 19 Nov 2024 09:27

Tgt Ion: 63 Resp: 201578
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.4 10.2
 100 4.0 2.0 5.8

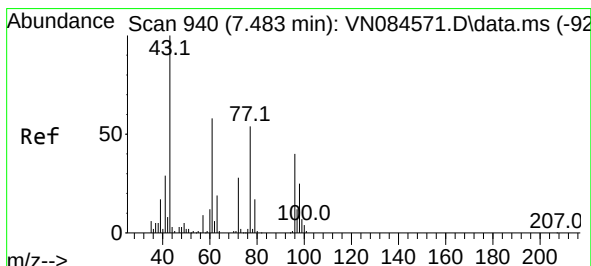
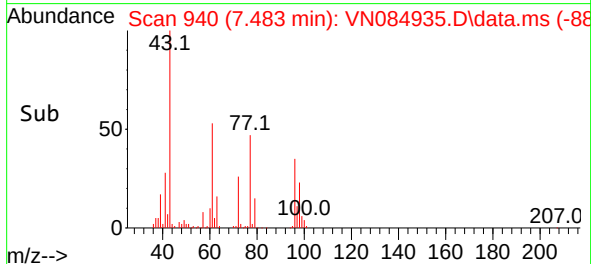
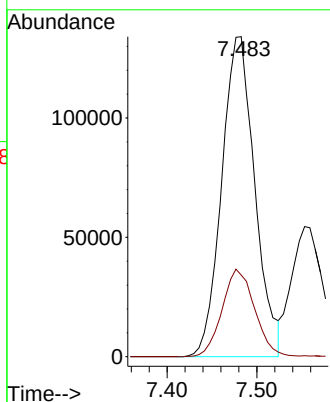
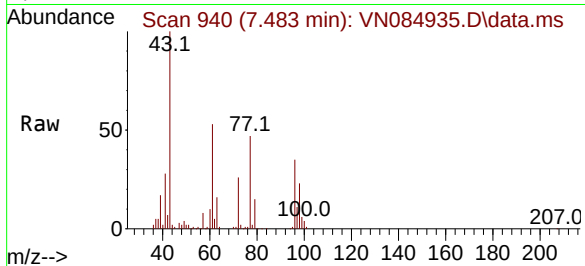




#25
2-Butanone
Concen: 267.147 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

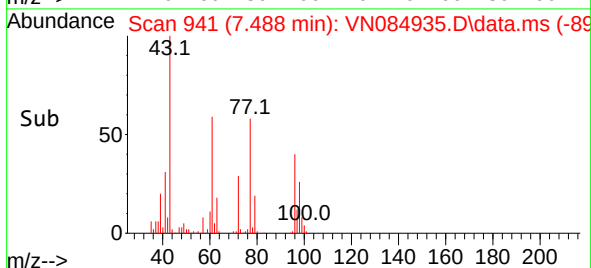
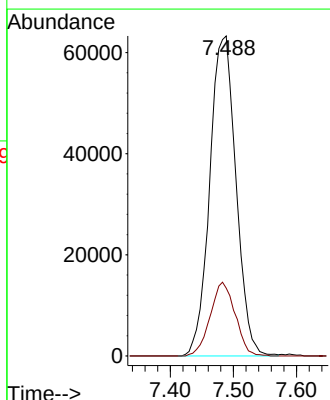
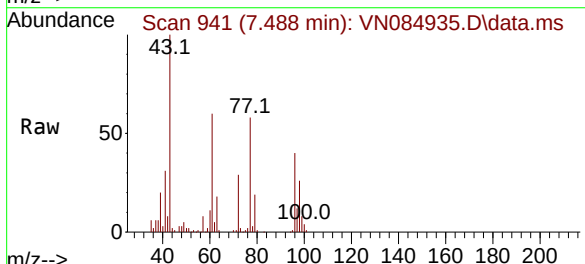
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

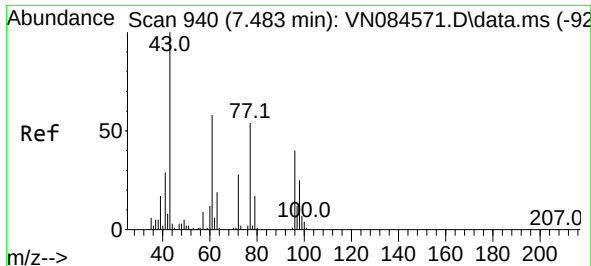
Tgt Ion: 43 Resp: 344040
Ion Ratio Lower Upper
43 100
72 25.5 21.4 32.2



#26
2,2-Dichloropropane
Concen: 49.847 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion: 77 Resp: 182683
Ion Ratio Lower Upper
77 100
97 22.0 10.8 32.3



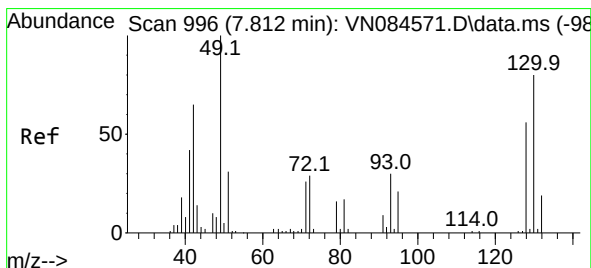
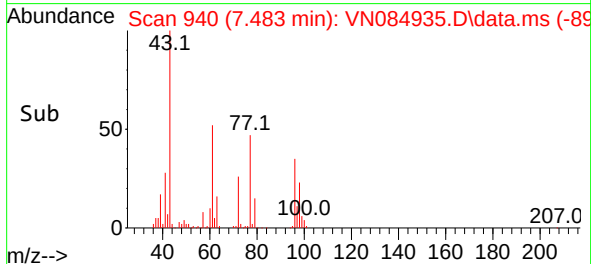
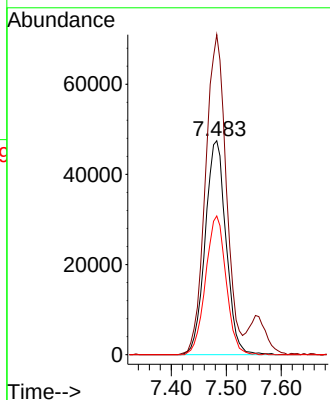
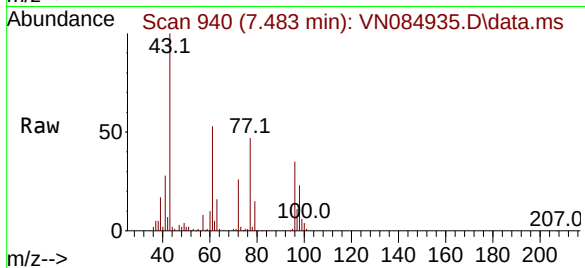


#27
 cis-1,2-Dichloroethene
 Concen: 47.994 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.006 min
 Lab File: VN084935.D
 Acq: 19 Nov 2024 09:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 125243

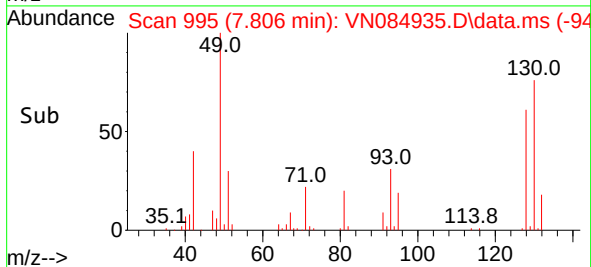
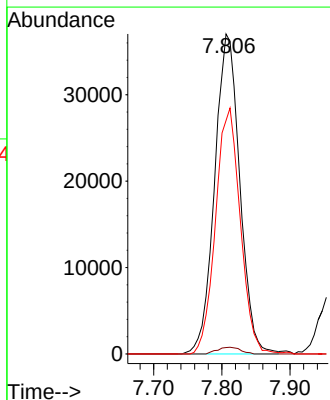
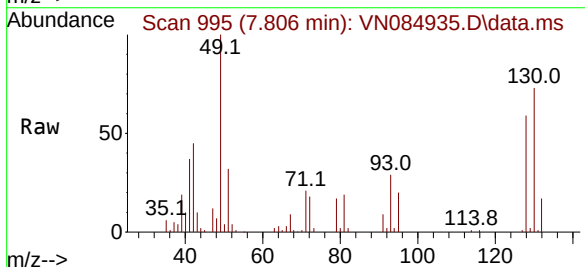
Ion	Ratio	Lower	Upper
96	100		
61	148.7	0.0	301.8
98	63.6	0.0	128.2

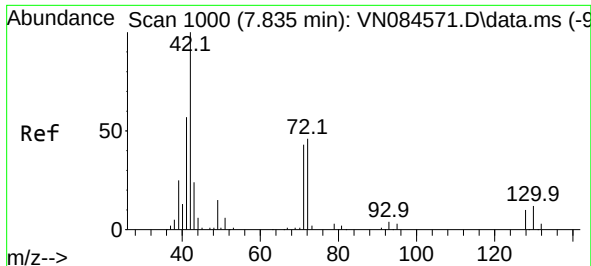


#28
 Bromochloromethane
 Concen: 56.639 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN084935.D
 Acq: 19 Nov 2024 09:27

Tgt Ion: 49 Resp: 95018

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.6
130	75.8	58.0	87.0





#29

Tetrahydrofuran

Concen: 255.360 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

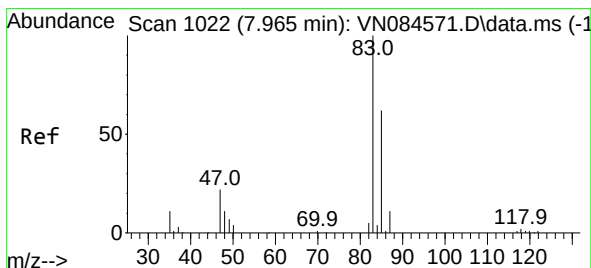
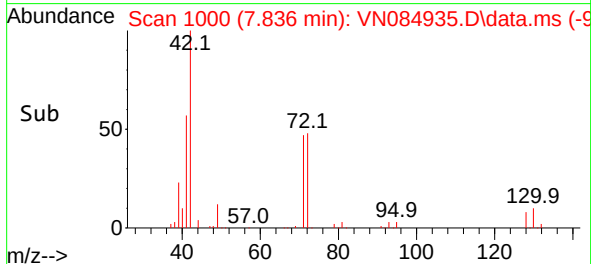
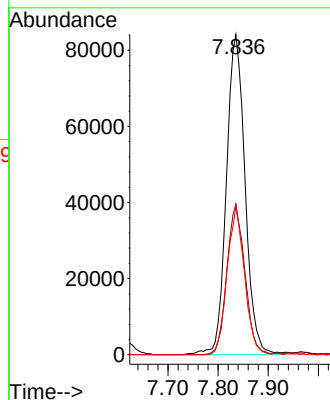
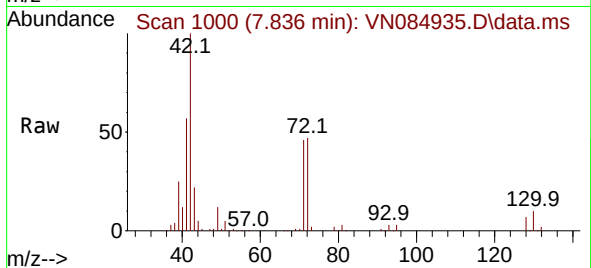
Tgt Ion: 42 Resp: 218171

Ion Ratio Lower Upper

42 100

72 45.4 34.6 51.8

71 43.0 32.2 48.4



#30

Chloroform

Concen: 48.799 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN084935.D

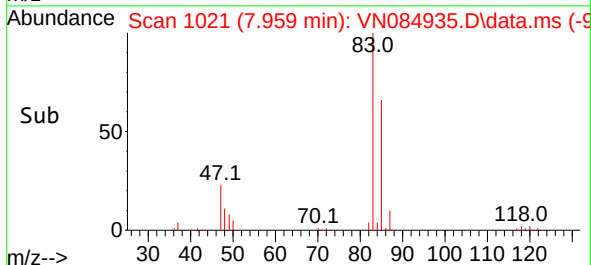
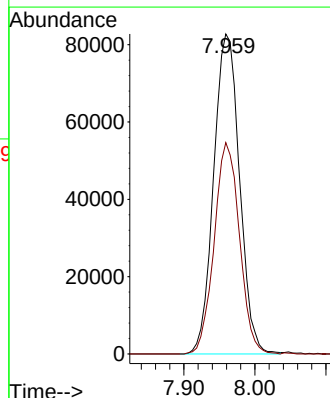
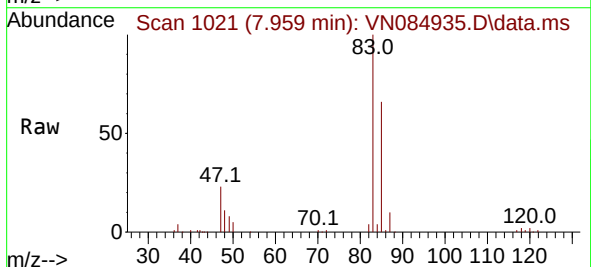
Acq: 19 Nov 2024 09:27

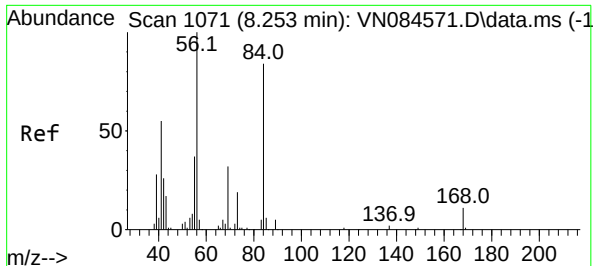
Tgt Ion: 83 Resp: 209141

Ion Ratio Lower Upper

83 100

85 66.1 51.0 76.4





#31

Cyclohexane

Concen: 45.071 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

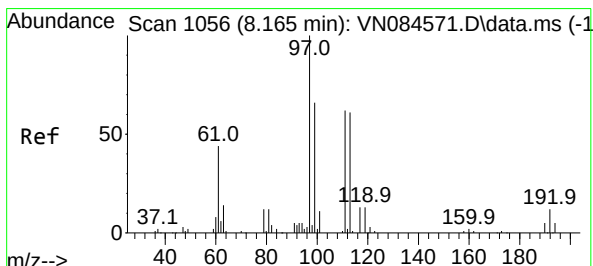
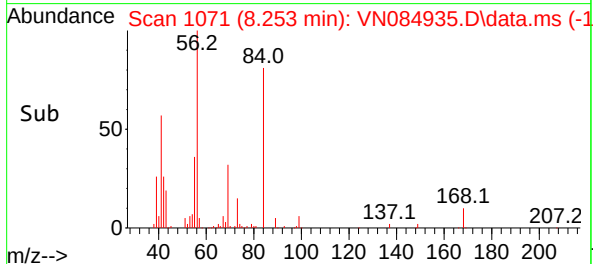
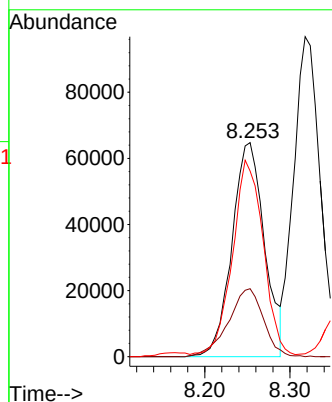
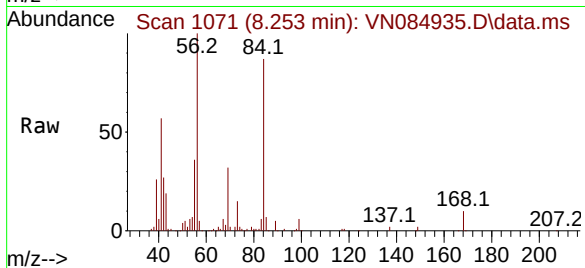
Tgt Ion: 56 Resp: 171769

Ion Ratio Lower Upper

56 100

69 31.8 23.8 35.6

84 85.0 68.8 103.2



#32

1,1,1-Trichloroethane

Concen: 48.647 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

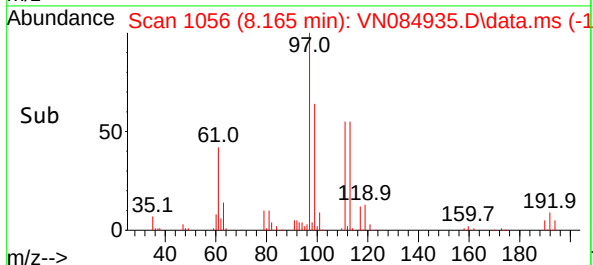
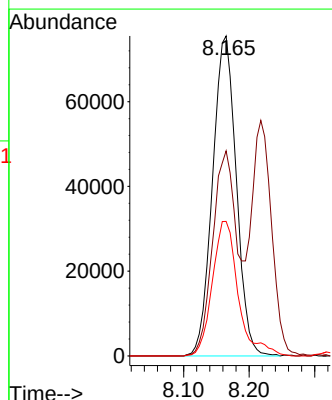
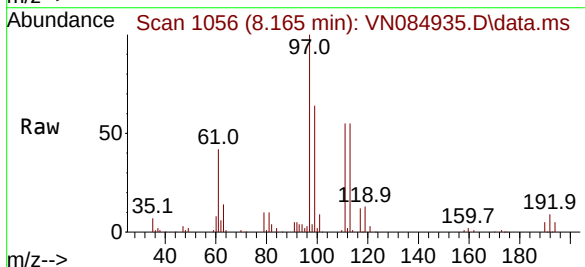
Tgt Ion: 97 Resp: 189765

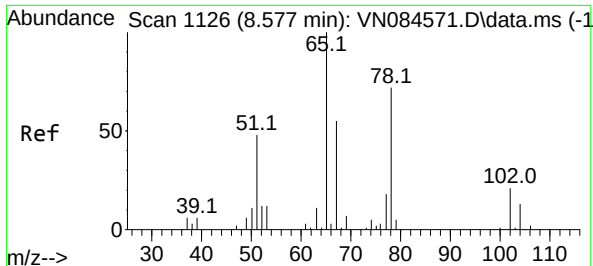
Ion Ratio Lower Upper

97 100

99 63.3 51.2 76.8

61 45.9 37.5 56.3





#33

1,2-Dichloroethane-d4

Concen: 46.504 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

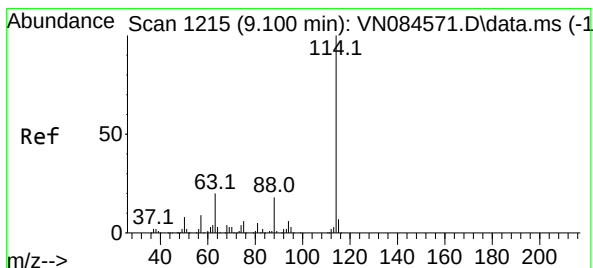
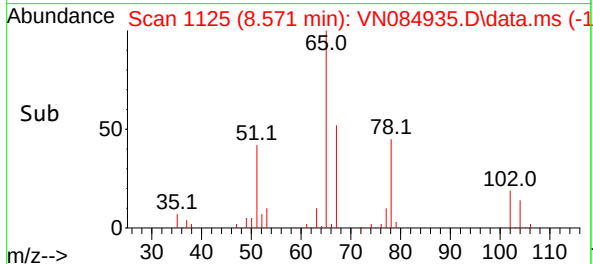
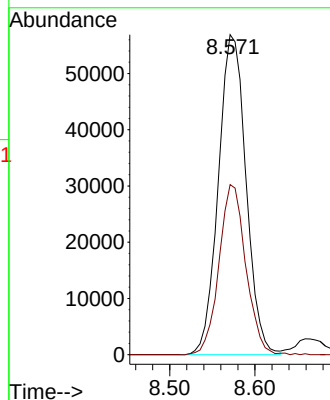
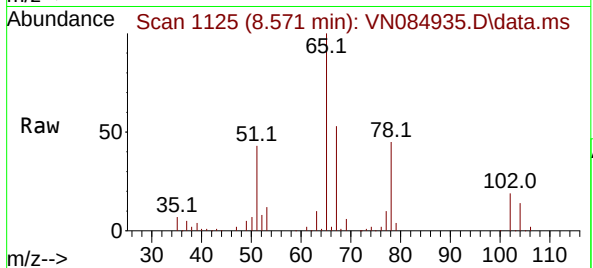
VSTDCCC050

Tgt Ion: 65 Resp: 128370

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

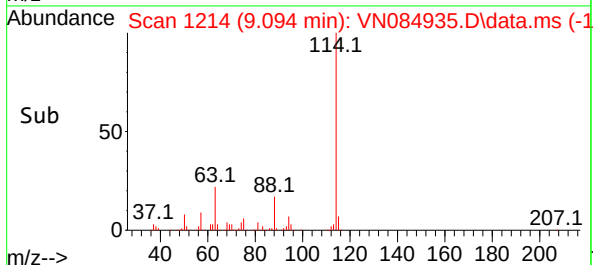
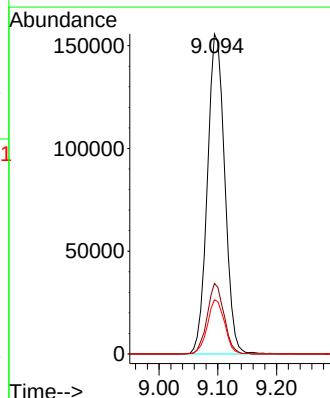
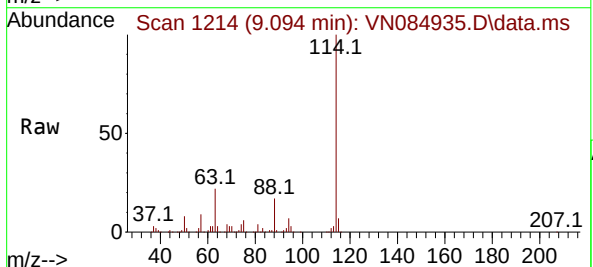
Tgt Ion: 114 Resp: 319795

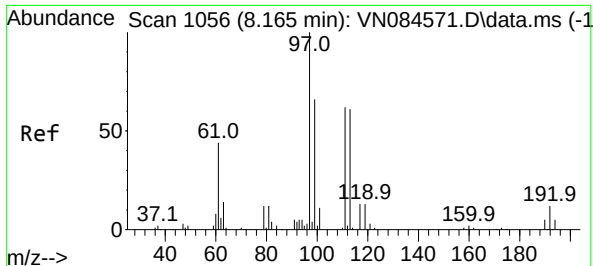
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.8

88 17.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 46.334 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

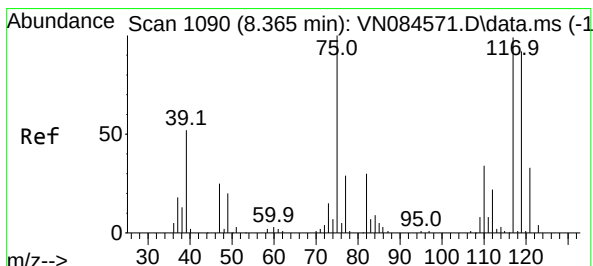
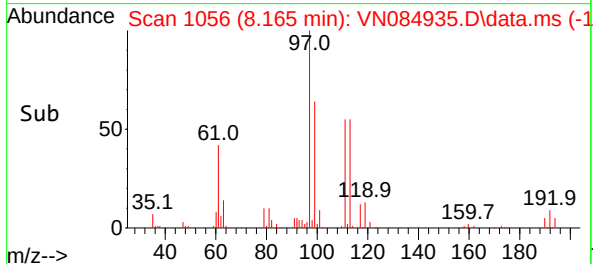
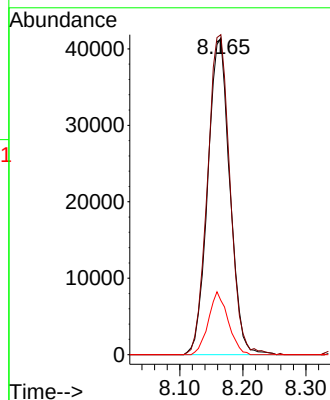
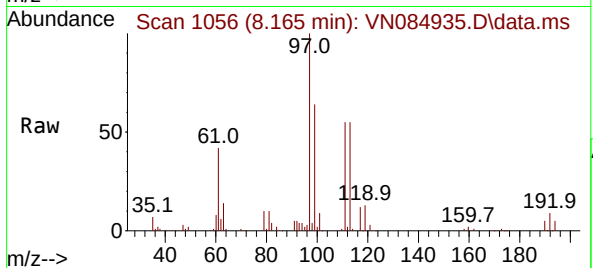
Tgt Ion:113 Resp: 100296

Ion Ratio Lower Upper

113 100

111 103.2 83.3 124.9

192 17.8 13.5 20.3



#36

1,1-Dichloropropene

Concen: 46.967 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

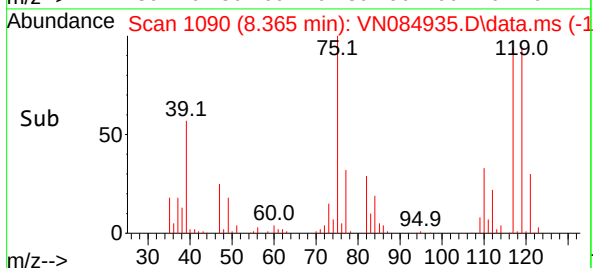
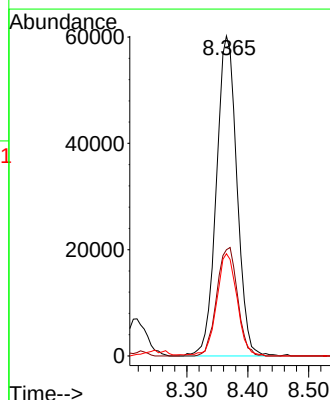
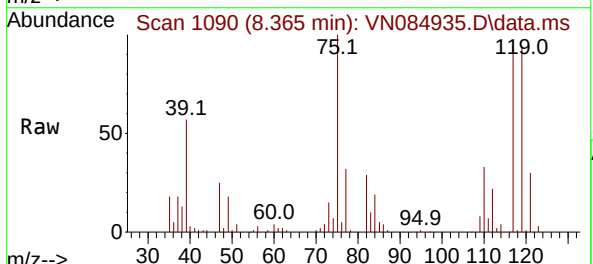
Tgt Ion: 75 Resp: 140999

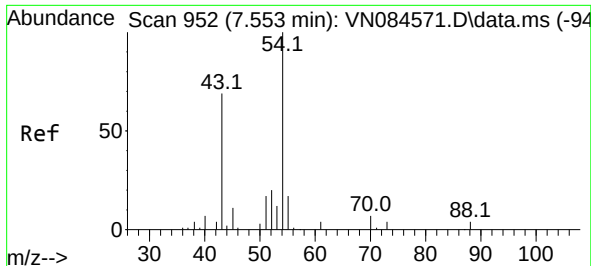
Ion Ratio Lower Upper

75 100

110 34.4 16.9 50.7

77 31.8 24.7 37.1





#37

Ethyl Acetate

Concen: 50.101 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

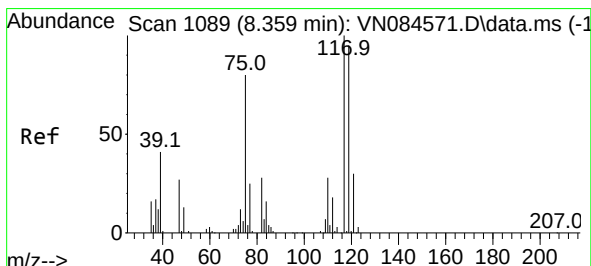
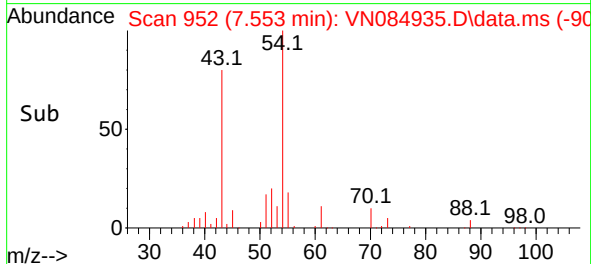
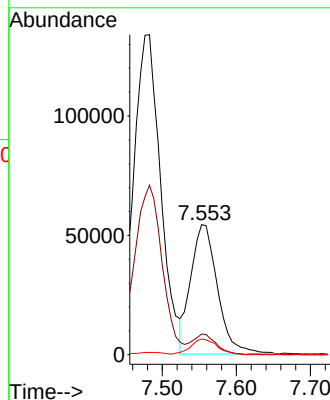
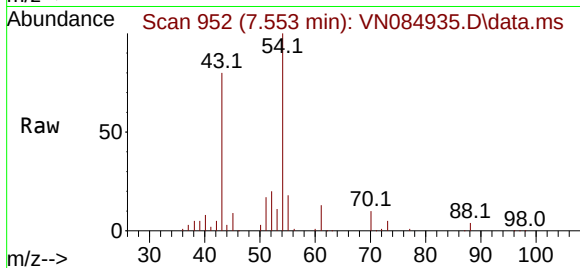
Tgt Ion: 43 Resp: 136462

Ion Ratio Lower Upper

43 100

61 14.4 10.7 16.1

70 11.9 8.8 13.2



#38

Carbon Tetrachloride

Concen: 48.570 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

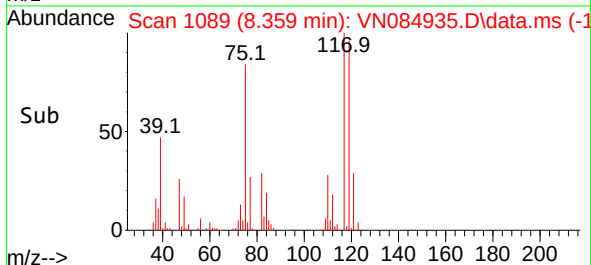
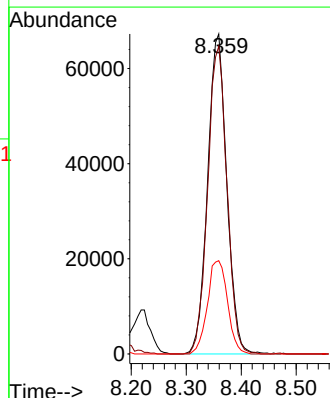
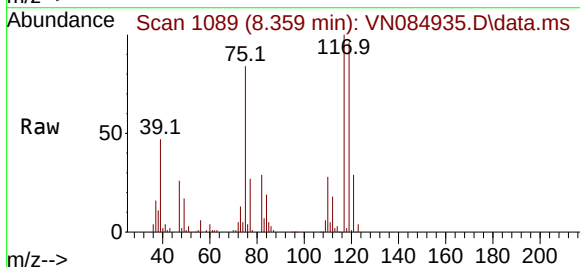
Tgt Ion: 117 Resp: 162977

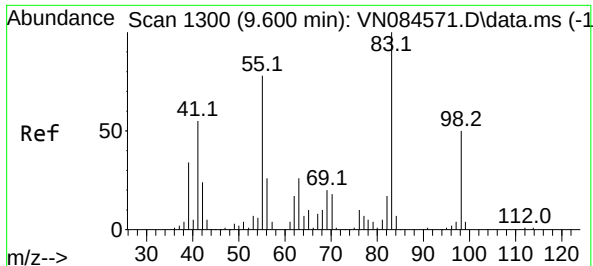
Ion Ratio Lower Upper

117 100

119 96.1 78.7 118.1

121 29.1 24.4 36.6





#39

Methylcyclohexane

Concen: 51.303 ug/l

RT: 9.594 min Scan# 11299

Delta R.T. -0.006 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

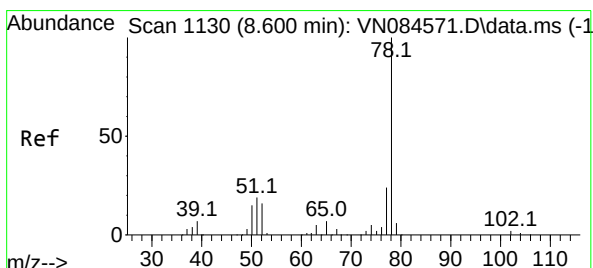
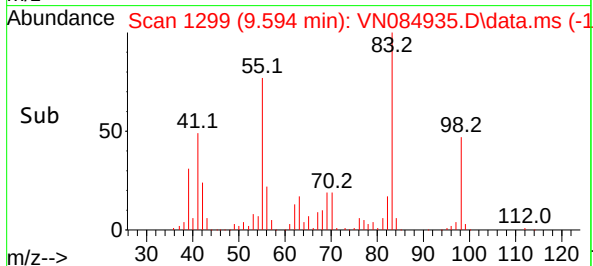
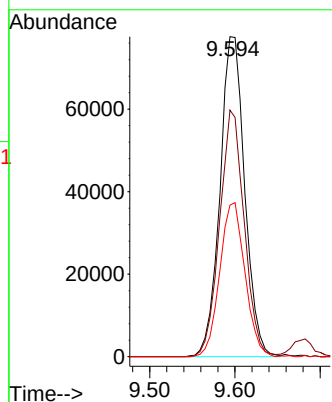
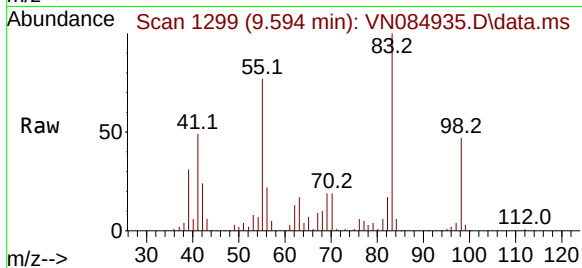
Tgt Ion: 83 Resp: 156684

Ion Ratio Lower Upper

83 100

55 77.0 62.8 94.2

98 47.3 38.8 58.2



#40

Benzene

Concen: 46.788 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN084935.D

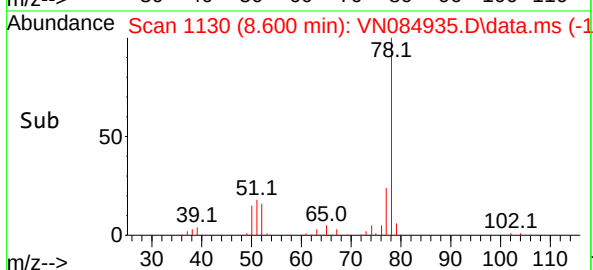
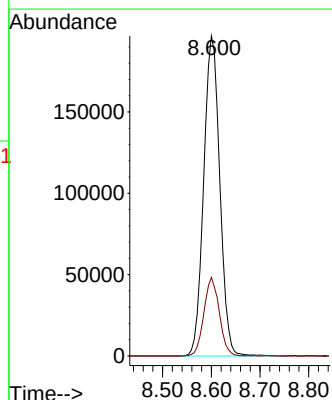
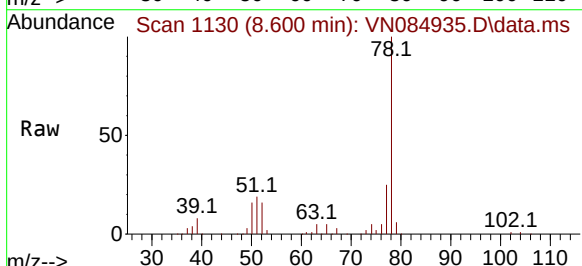
Acq: 19 Nov 2024 09:27

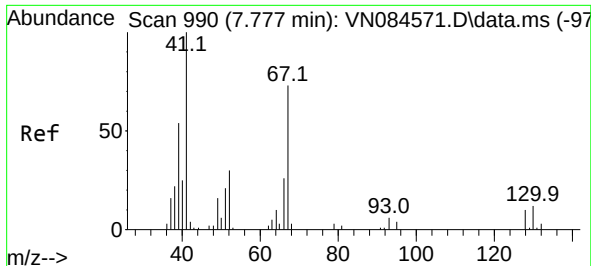
Tgt Ion: 78 Resp: 451082

Ion Ratio Lower Upper

78 100

77 24.6 19.1 28.7

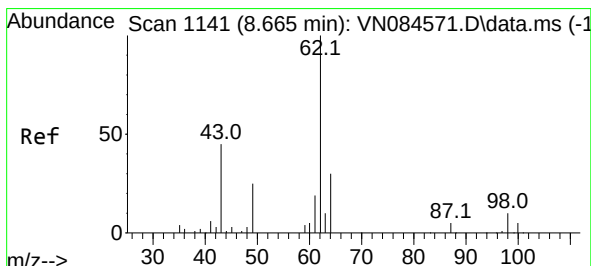
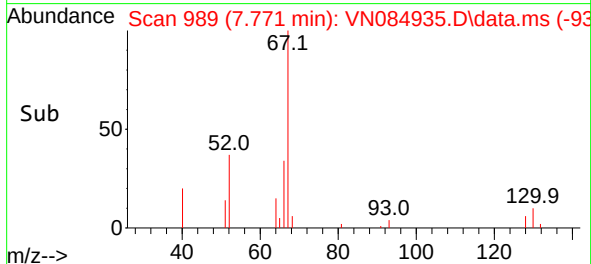
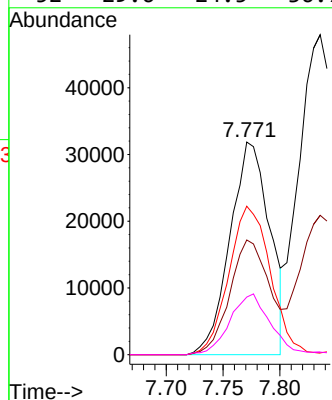
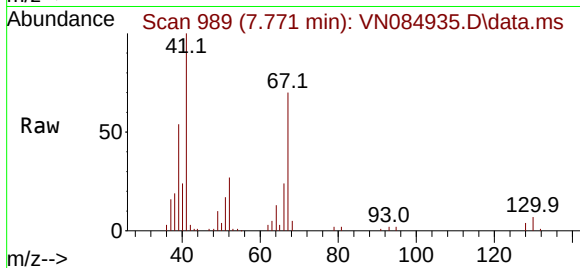




#41
Methacrylonitrile
Concen: 52.820 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

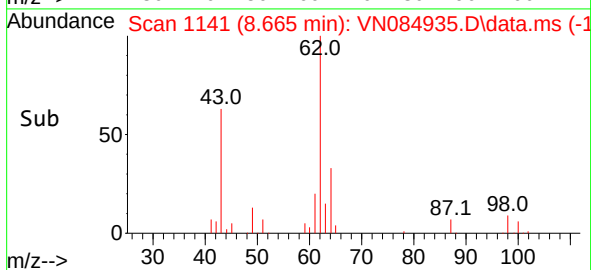
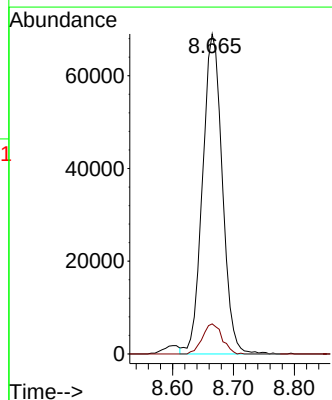
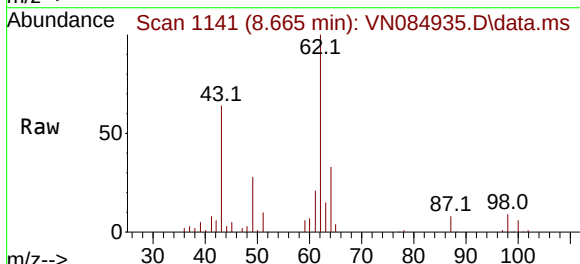
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

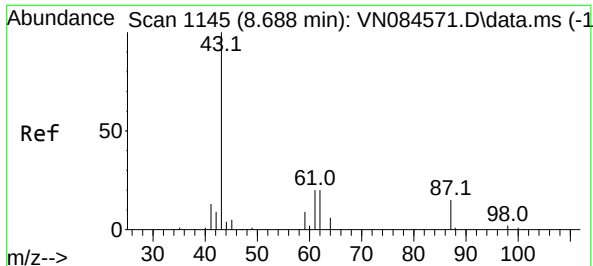
Tgt Ion:	41	Resp:	77366
Ion	Ratio	Lower	Upper
41	100		
39	53.6	43.3	64.9
67	73.6	56.1	84.1
52	29.6	24.5	36.7



#42
1,2-Dichloroethane
Concen: 49.771 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion:	62	Resp:	155403
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.2

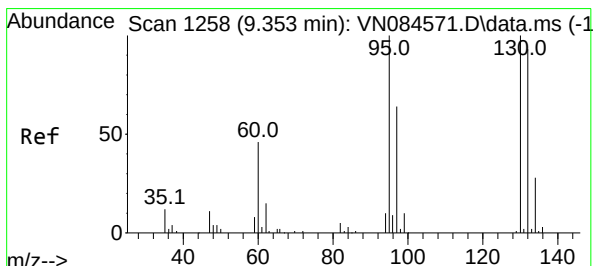
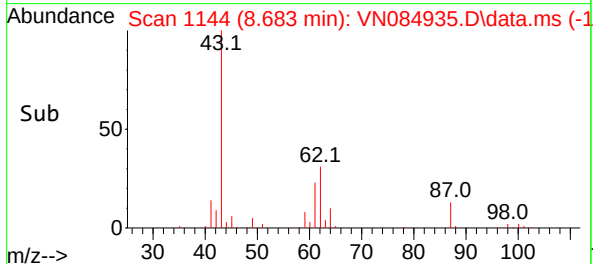
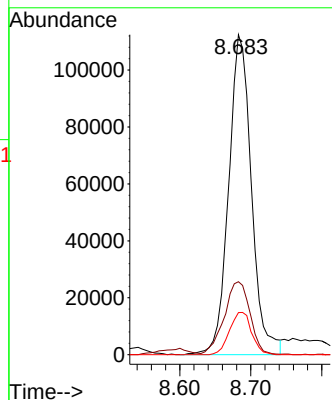
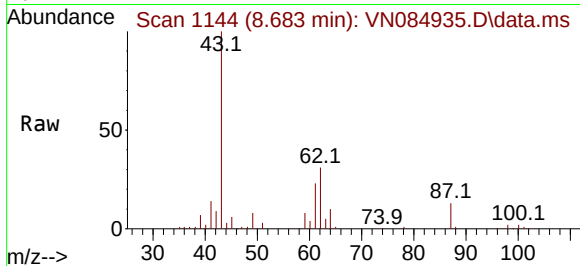




#43
Isopropyl Acetate
Concen: 49.952 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.005 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

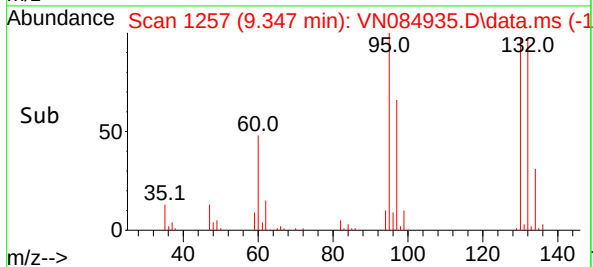
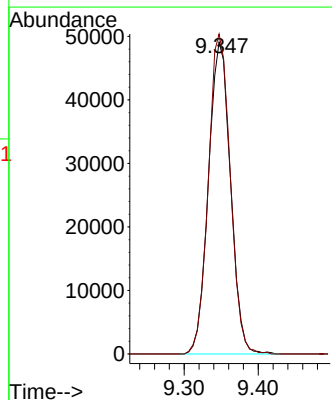
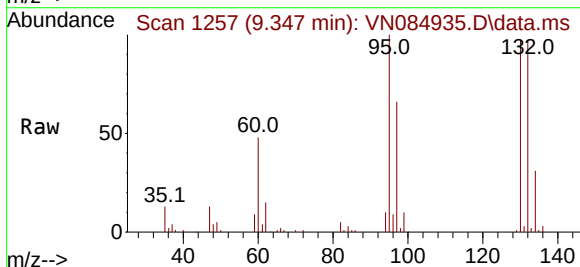
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

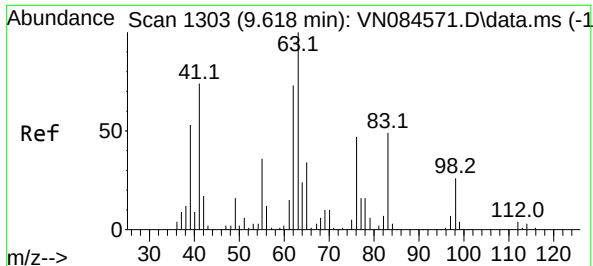
Tgt Ion: 43 Resp: 251358
Ion Ratio Lower Upper
43 100
61 25.7 20.4 30.6
87 12.8 10.3 15.5



#44
Trichloroethene
Concen: 45.632 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion:130 Resp: 101462
Ion Ratio Lower Upper
130 100
95 102.6 0.0 203.0





#45

1,2-Dichloropropane

Concen: 49.656 ug/l

RT: 9.618 min Scan# 112302

Delta R.T. -0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

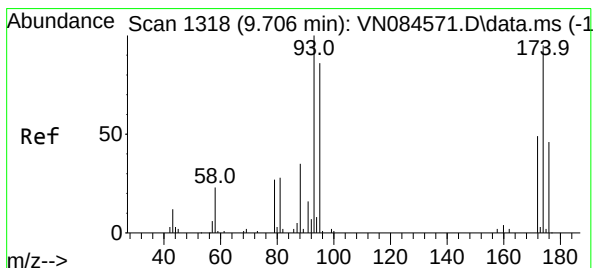
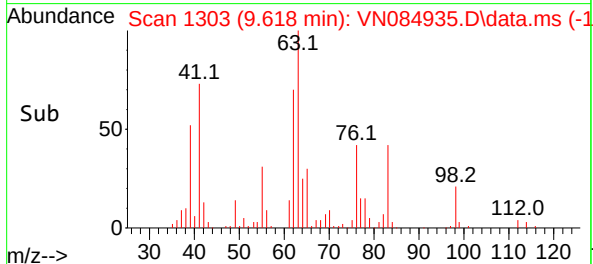
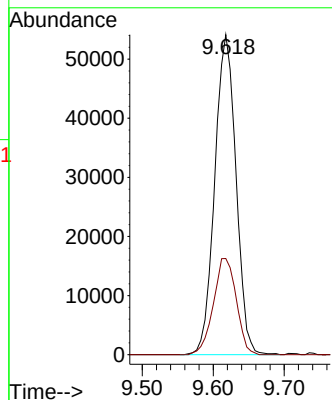
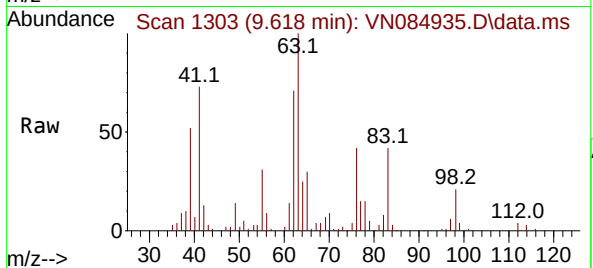
VSTDCCC050

Tgt Ion: 63 Resp: 112302

Ion Ratio Lower Upper

63 100

65 30.1 24.6 37.0



#46

Dibromomethane

Concen: 48.708 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

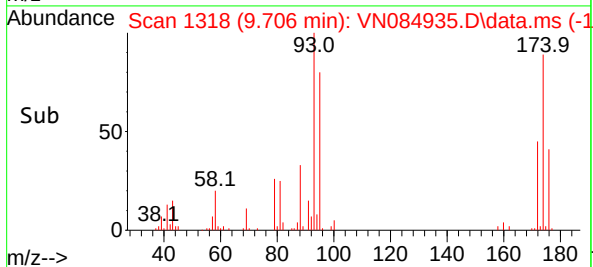
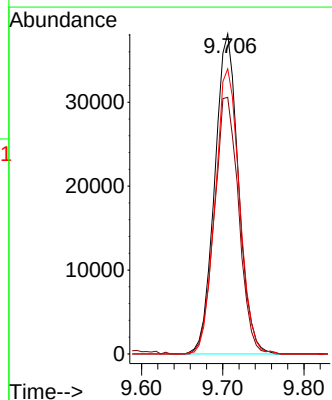
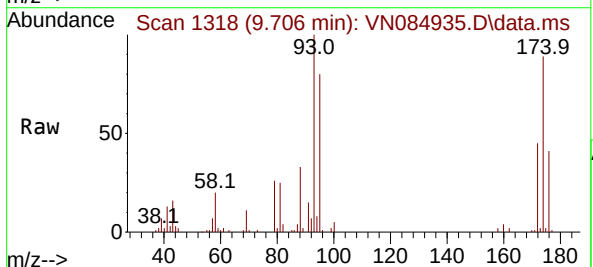
Tgt Ion: 93 Resp: 77732

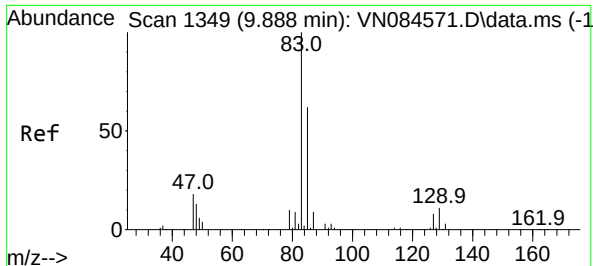
Ion Ratio Lower Upper

93 100

95 82.3 65.0 97.4

174 90.9 71.8 107.8

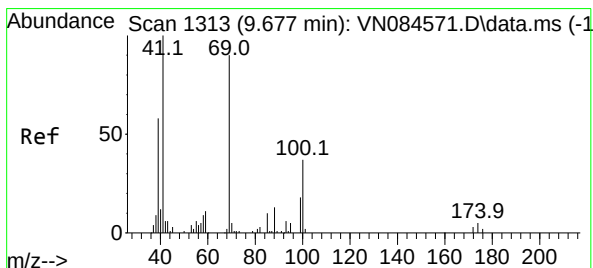
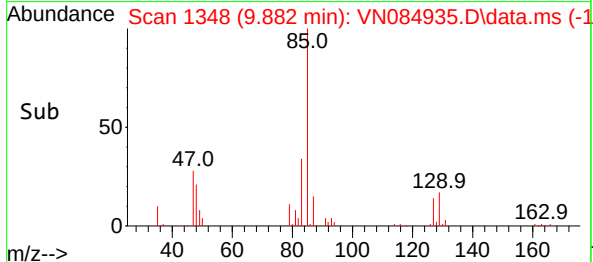
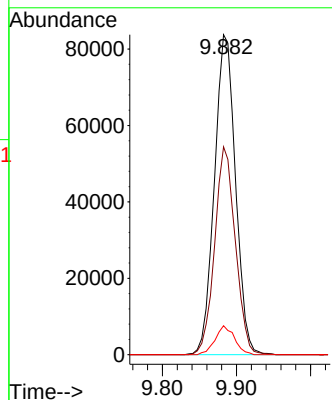
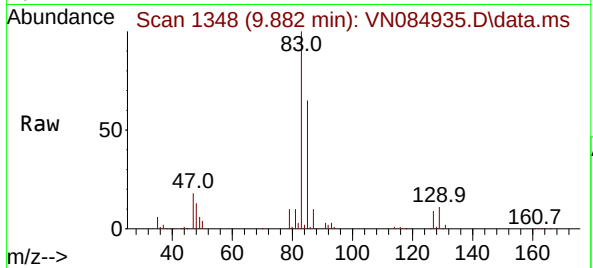




#47
Bromodichloromethane
Concen: 49.250 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

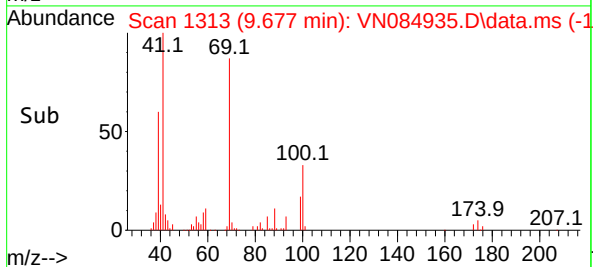
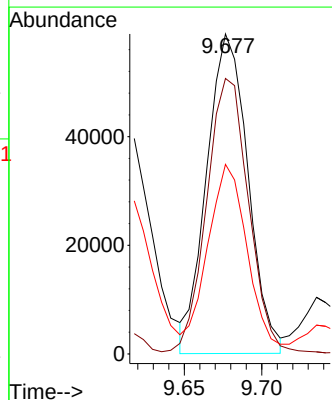
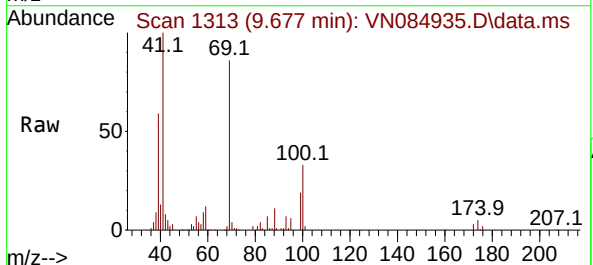
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

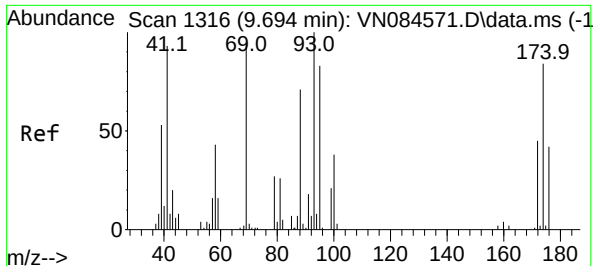
Tgt Ion: 83 Resp: 165675
Ion Ratio Lower Upper
83 100
85 64.9 51.5 77.3
127 9.1 5.7 8.5#



#48
Methyl methacrylate
Concen: 51.400 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion: 41 Resp: 108960
Ion Ratio Lower Upper
41 100
69 88.8 67.1 100.7
39 57.1 45.8 68.6





#49

1,4-Dioxane

Concen: 962.235 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

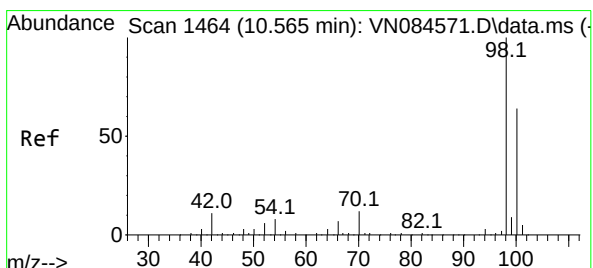
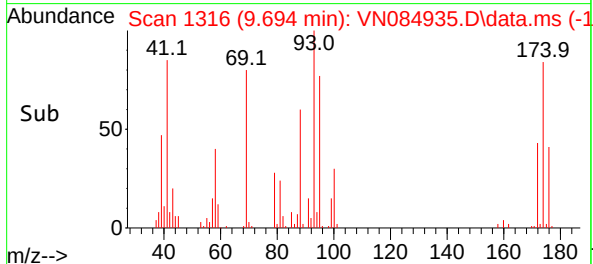
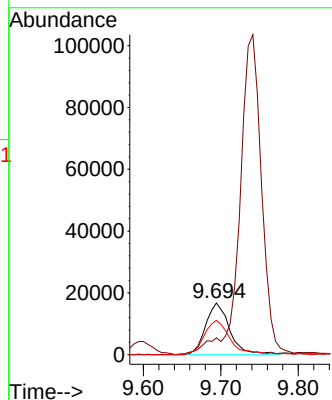
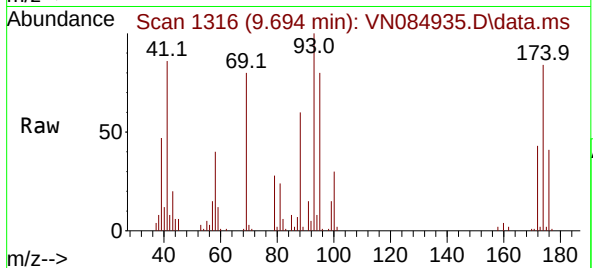
Tgt Ion: 88 Resp: 36146

Ion Ratio Lower Upper

88 100

43 0.0 25.3 37.9#

58 71.9 56.4 84.6



#50

Toluene-d8

Concen: 45.374 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084935.D

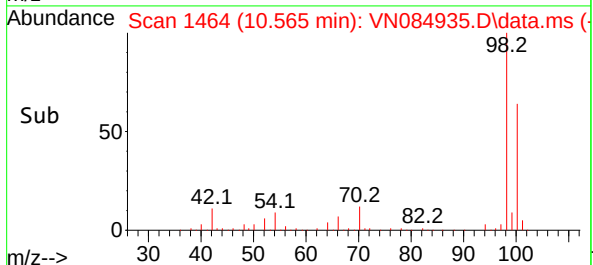
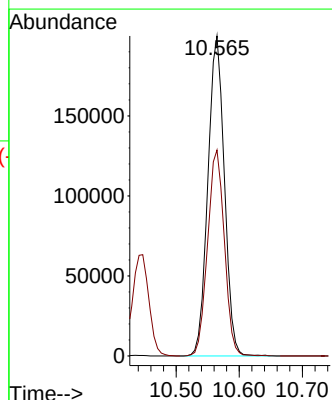
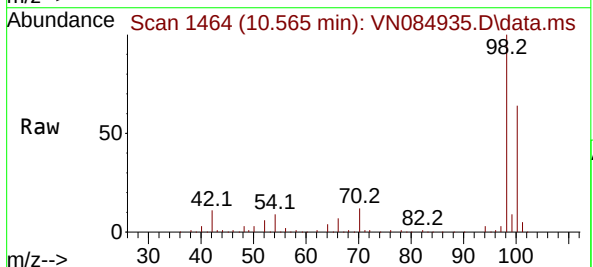
Acq: 19 Nov 2024 09:27

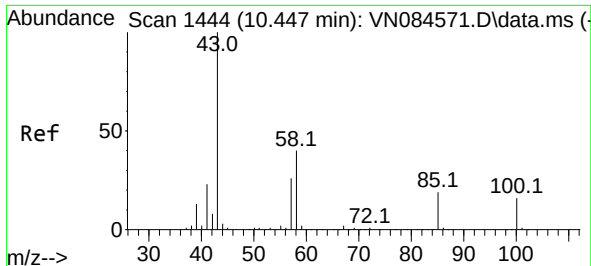
Tgt Ion: 98 Resp: 361805

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 267.698 ug/l

RT: 10.441 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

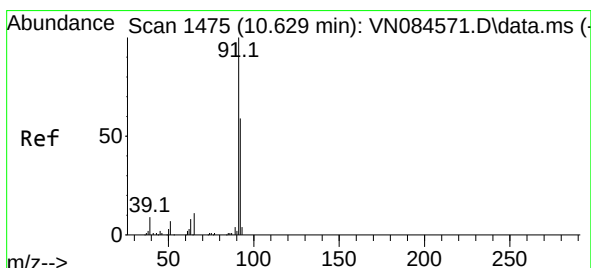
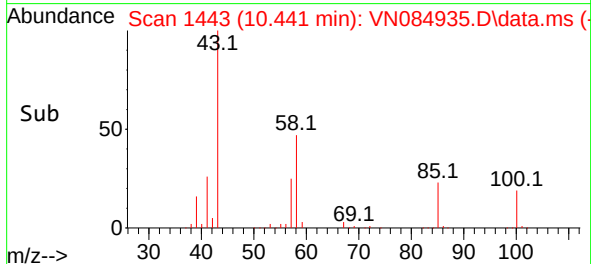
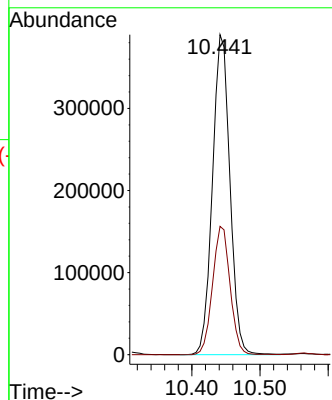
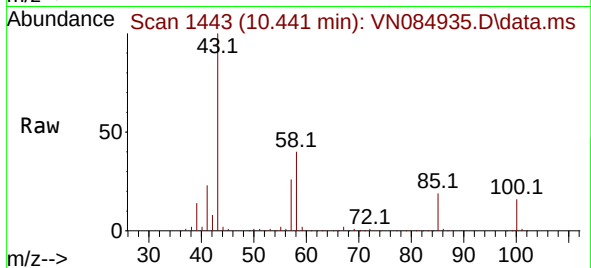
VSTDCCC050

Tgt Ion: 43 Resp: 695093

Ion Ratio Lower Upper

43 100

58 40.2 31.6 47.4



#52

Toluene

Concen: 49.188 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN084935.D

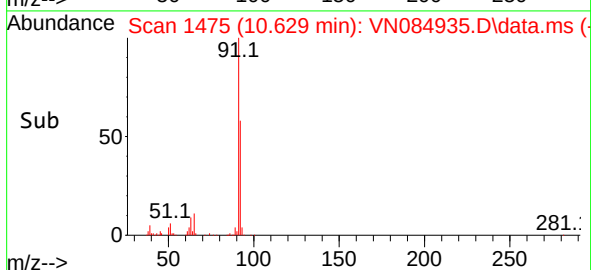
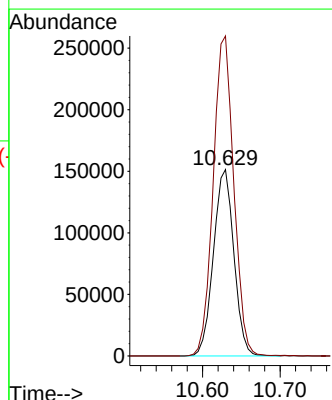
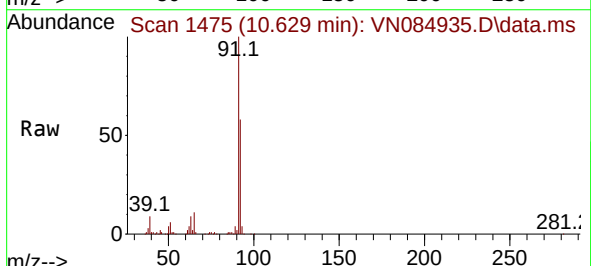
Acq: 19 Nov 2024 09:27

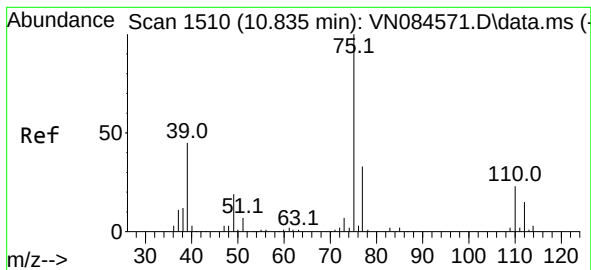
Tgt Ion: 92 Resp: 277347

Ion Ratio Lower Upper

92 100

91 172.7 137.3 205.9

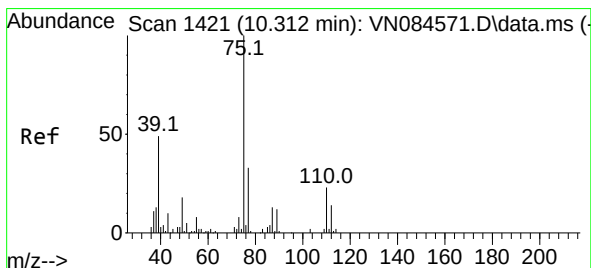
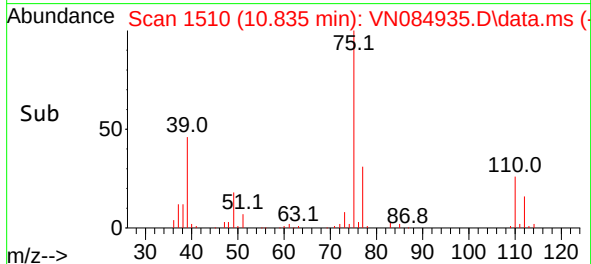
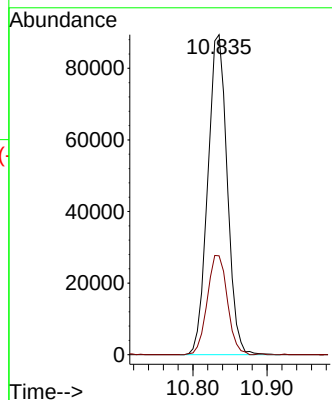
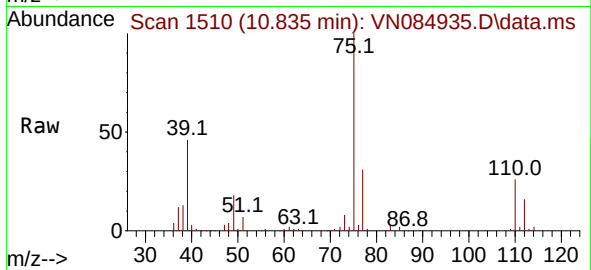




#53
t-1,3-Dichloropropene
Concen: 46.744 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

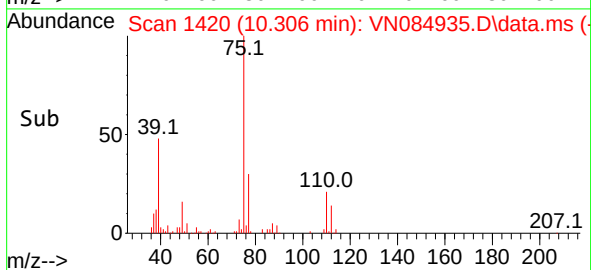
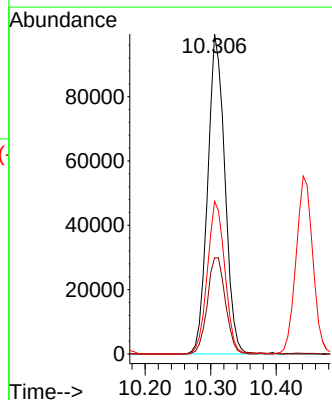
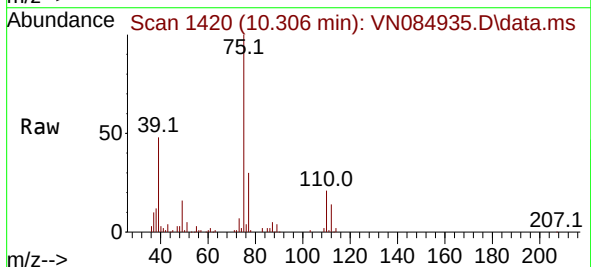
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

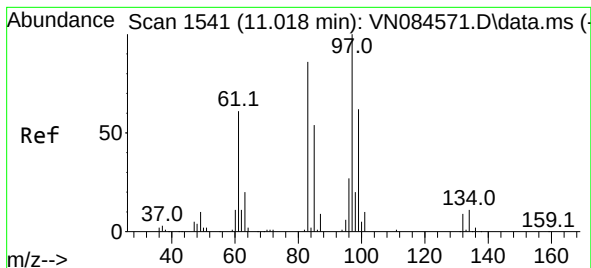
Tgt Ion: 75 Resp: 162768
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 49.151 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion: 75 Resp: 181142
Ion Ratio Lower Upper
75 100
77 30.0 24.2 36.2
39 47.7 38.7 58.1

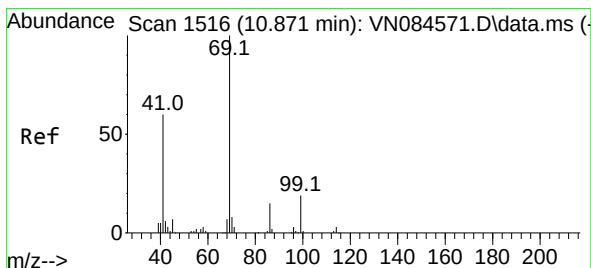
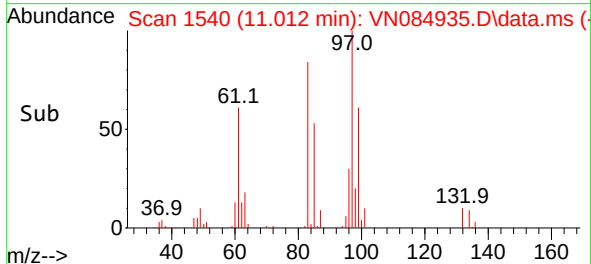
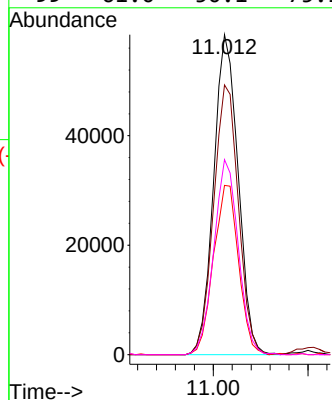
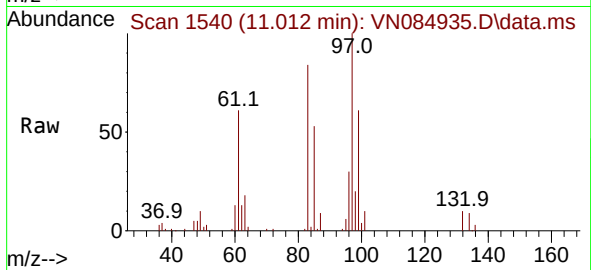




#55
1,1,2-Trichloroethane
Concen: 49.408 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

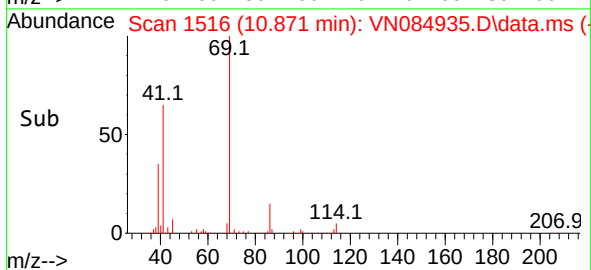
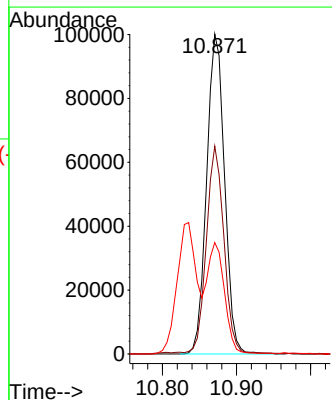
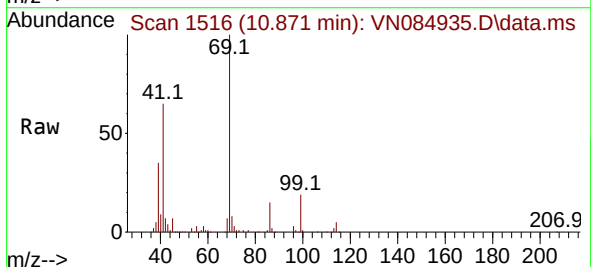
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

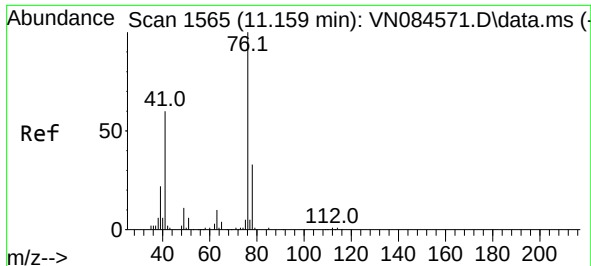
Tgt Ion:	97	Resp:	104942
Ion	Ratio	Lower	Upper
97	100		
83	84.3	71.0	106.4
85	52.9	41.7	62.5
99	61.0	50.1	75.1



#56
Ethyl methacrylate
Concen: 54.801 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion:	69	Resp:	168362
Ion	Ratio	Lower	Upper
69	100		
41	64.4	53.3	79.9
39	33.9	28.8	43.2





#57

1,3-Dichloropropane

Concen: 49.230 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

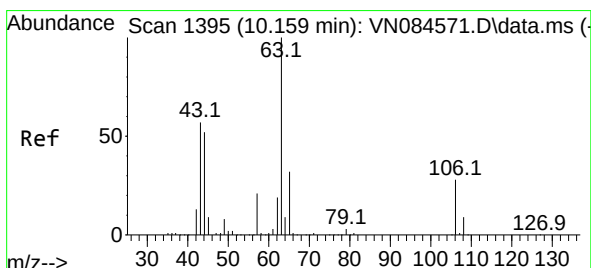
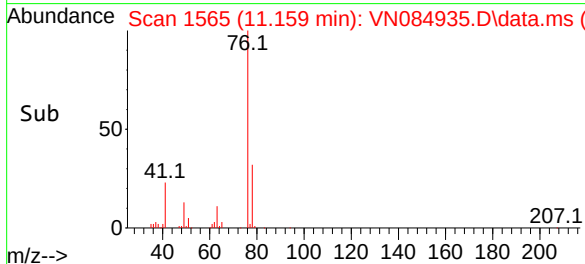
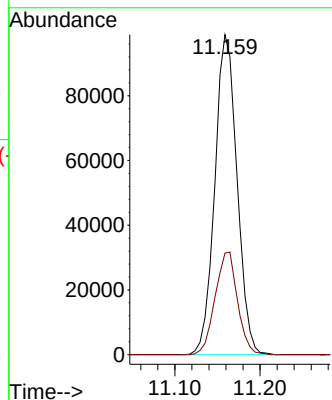
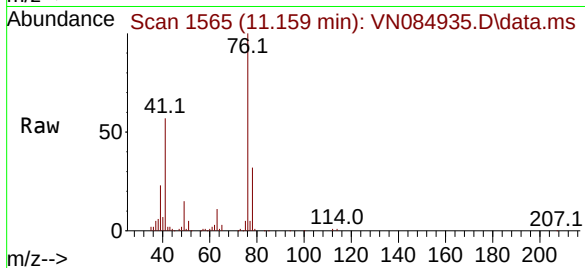
VSTDCCC050

Tgt Ion: 76 Resp: 179454

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 279.659 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084935.D

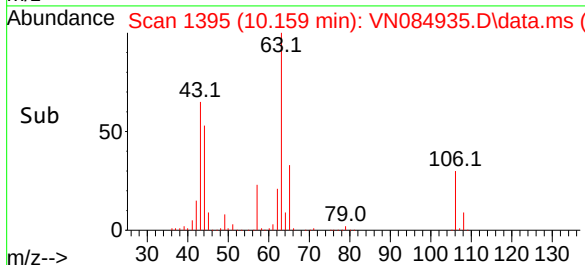
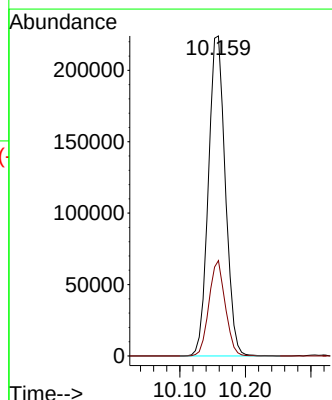
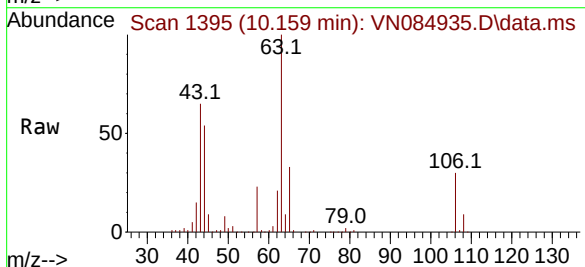
Acq: 19 Nov 2024 09:27

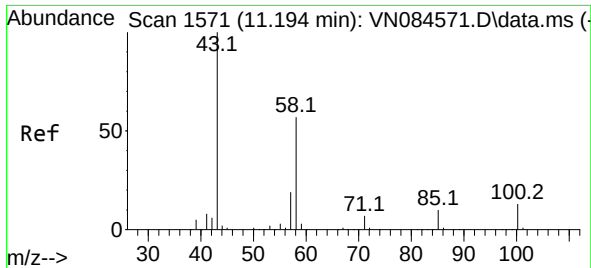
Tgt Ion: 63 Resp: 402039

Ion Ratio Lower Upper

63 100

106 28.6 21.8 32.6

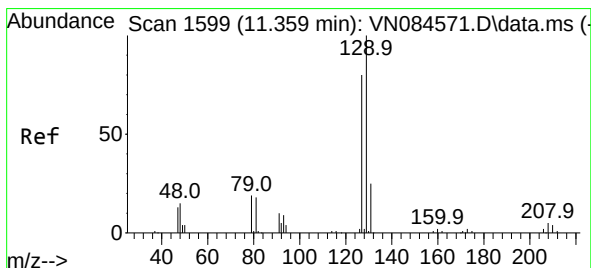
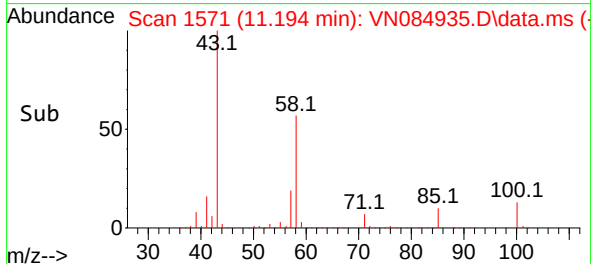
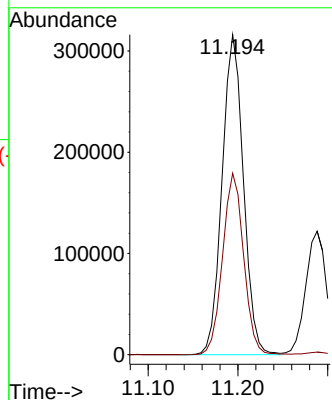
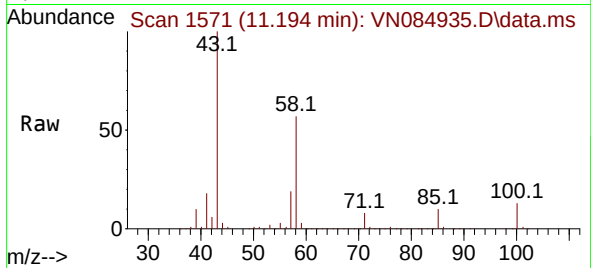




#59
2-Hexanone
Concen: 275.870 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

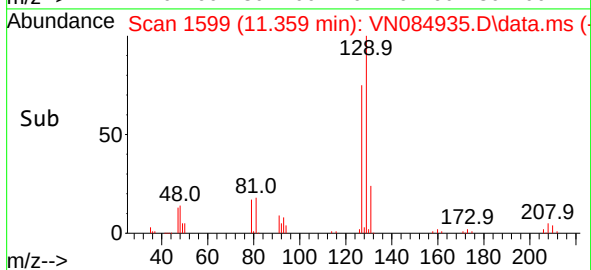
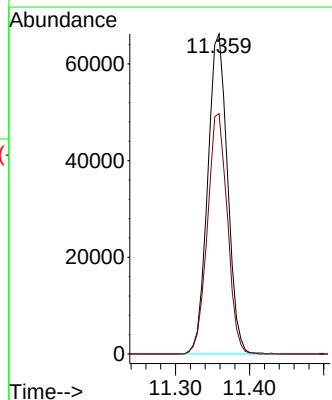
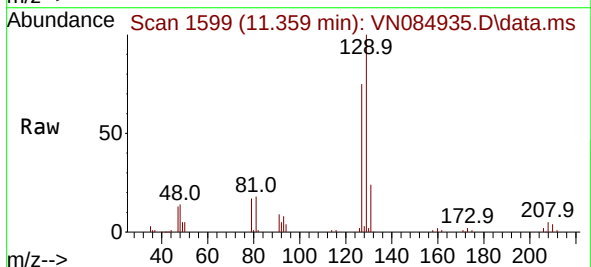
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

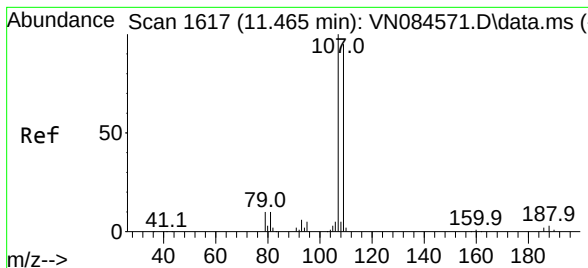
Tgt Ion: 43 Resp: 521393
Ion Ratio Lower Upper
43 100
58 56.0 27.3 81.8



#60
Dibromochloromethane
Concen: 50.776 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion: 129 Resp: 122913
Ion Ratio Lower Upper
129 100
127 75.5 38.3 114.9

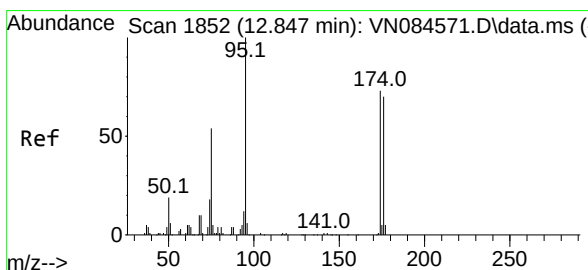
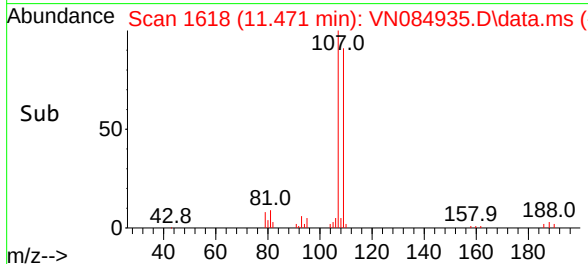
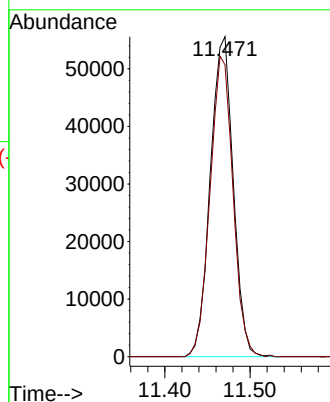
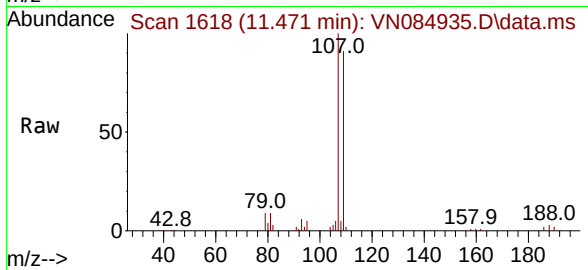




#61
1,2-Dibromoethane
Concen: 47.679 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

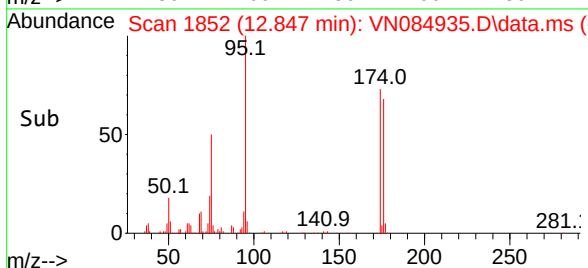
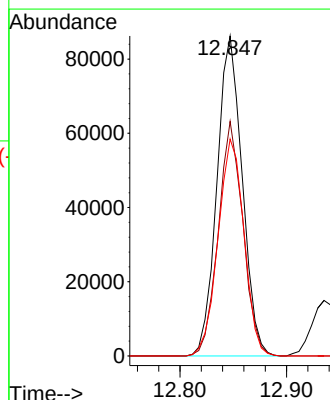
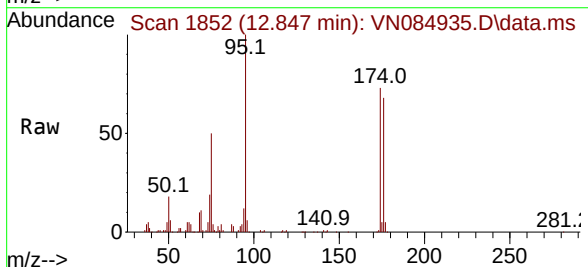
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

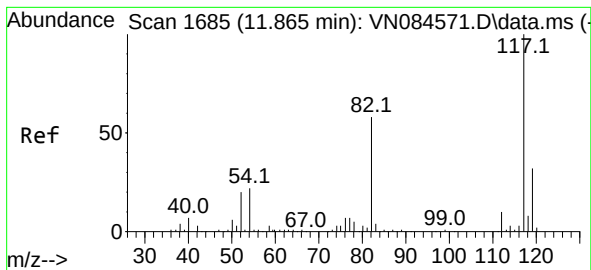
Tgt Ion:107 Resp: 103704
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 47.609 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion: 95 Resp: 141878
Ion Ratio Lower Upper
95 100
174 71.4 0.0 145.2
176 69.6 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

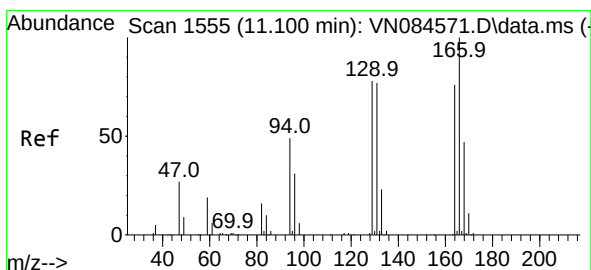
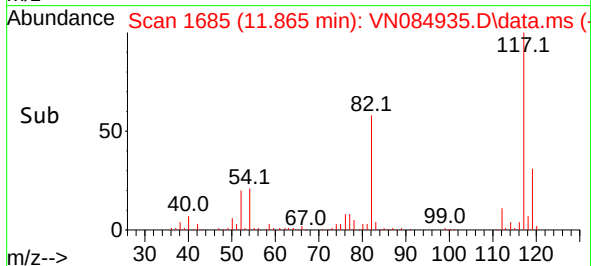
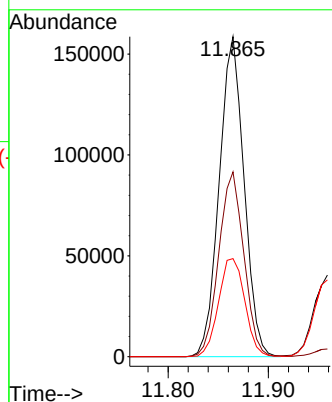
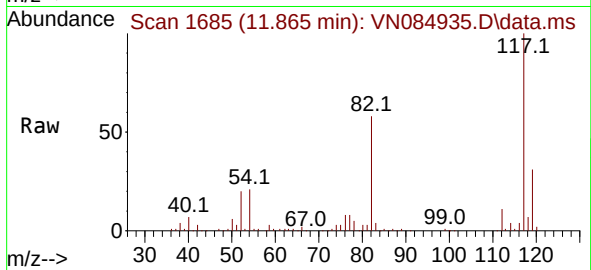
Tgt Ion:117 Resp: 272380

Ion Ratio Lower Upper

117 100

82 57.8 47.2 70.8

119 30.6 25.4 38.0



#64

Tetrachloroethene

Concen: 48.094 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Tgt Ion:164 Resp: 87135

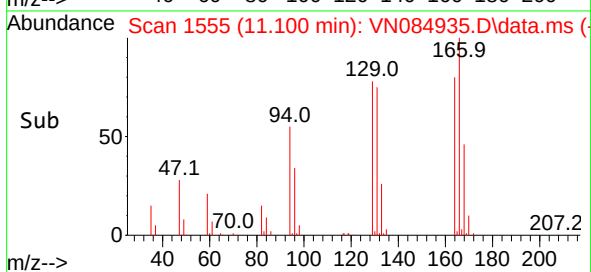
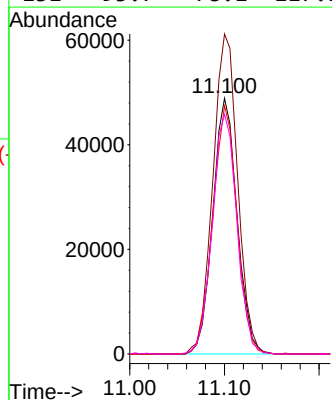
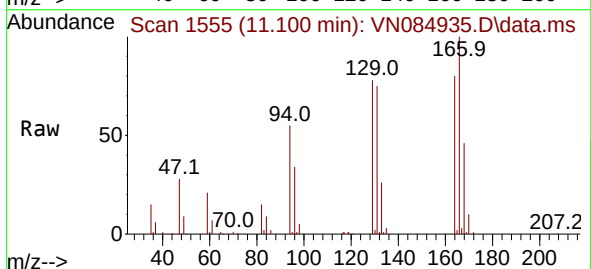
Ion Ratio Lower Upper

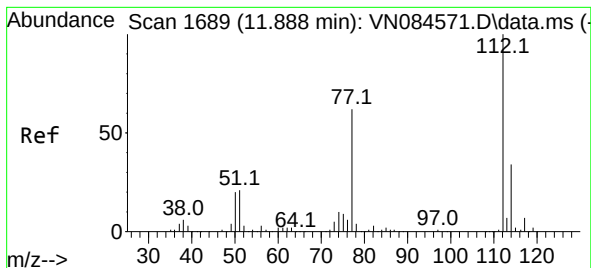
164 100

166 125.1 101.0 151.4

129 97.0 80.8 121.2

131 93.7 78.1 117.1





#65

Chlorobenzene

Concen: 47.651 ug/l

RT: 11.888 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

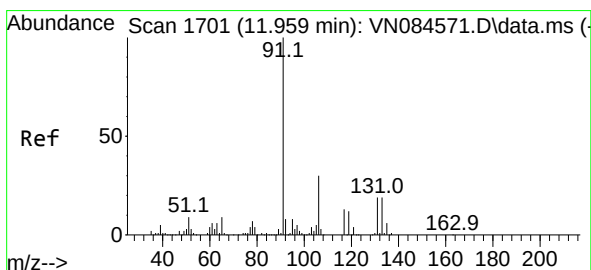
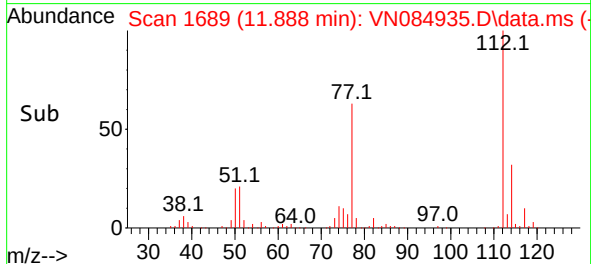
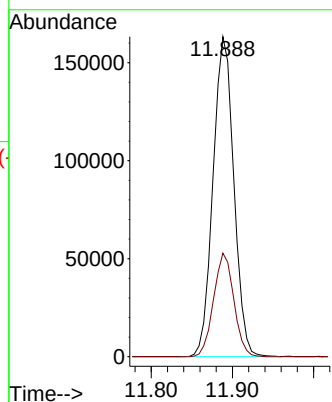
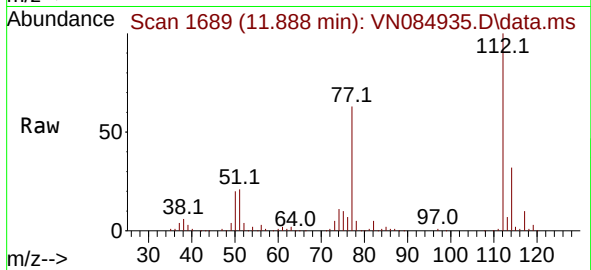
VSTDCCC050

Tgt Ion:112 Resp: 290368

Ion Ratio Lower Upper

112 100

114 32.4 27.0 40.6



#66

1,1,1,2-Tetrachloroethane

Concen: 49.834 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

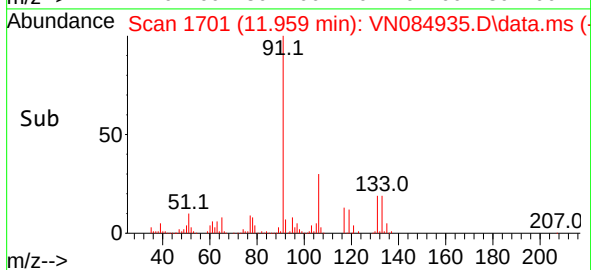
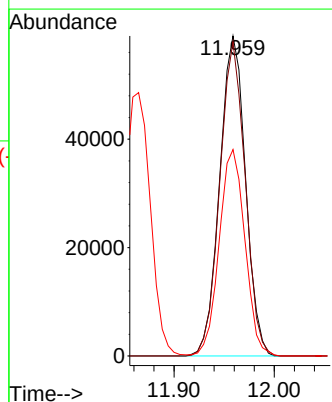
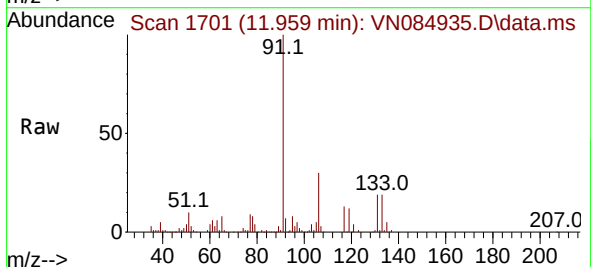
Tgt Ion:131 Resp: 105627

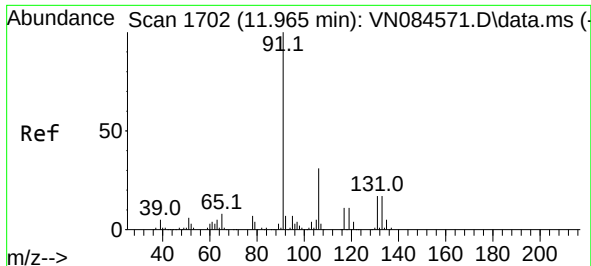
Ion Ratio Lower Upper

131 100

133 96.5 47.9 143.7

119 64.4 32.8 98.3

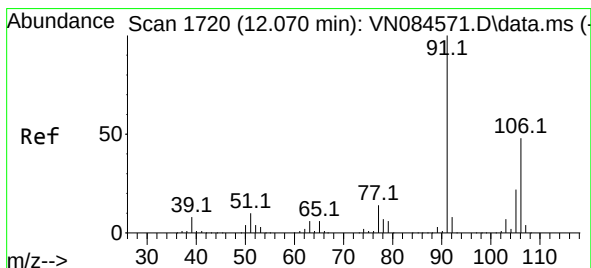
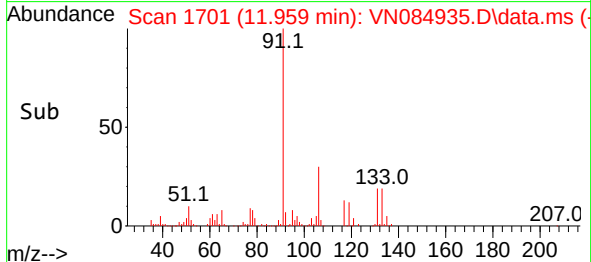
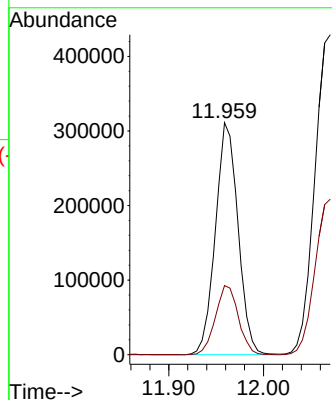
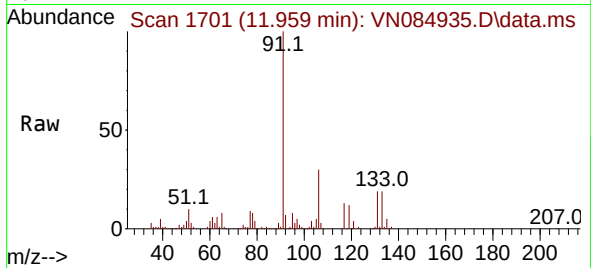




#67
Ethyl Benzene
Concen: 50.793 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

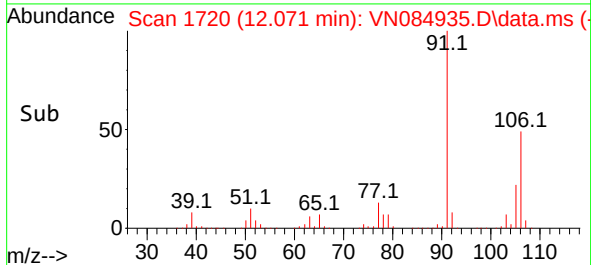
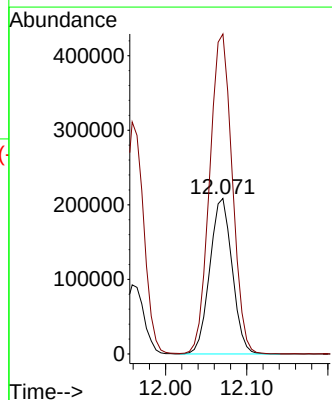
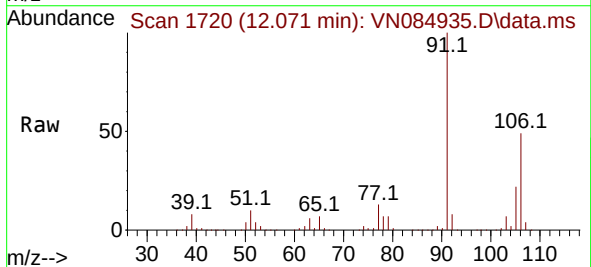
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

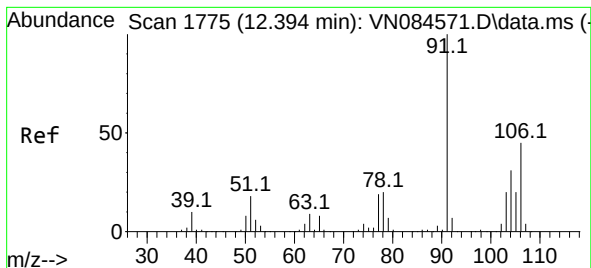
Tgt Ion: 91 Resp: 516649
Ion Ratio Lower Upper
91 100
106 29.8 24.5 36.7



#68
m/p-Xylenes
Concen: 103.542 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion:106 Resp: 398723
Ion Ratio Lower Upper
106 100
91 208.3 167.1 250.7





#69

o-Xylene

Concen: 53.139 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

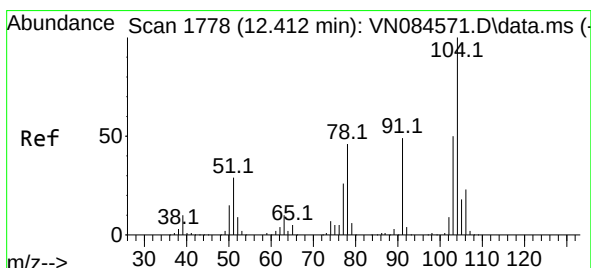
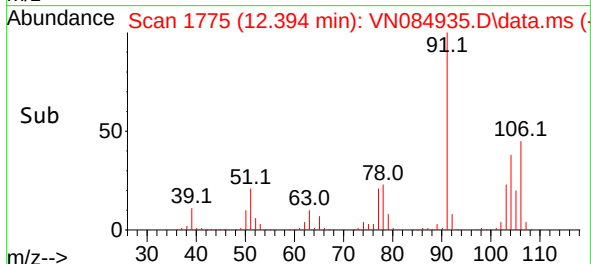
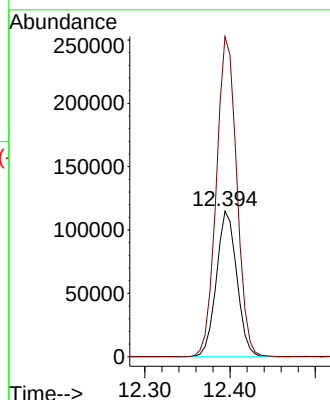
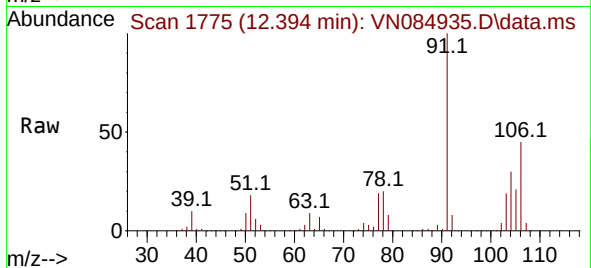
VSTDCCC050

Tgt Ion:106 Resp: 191427

Ion Ratio Lower Upper

106 100

91 220.4 110.2 330.6



#70

Styrene

Concen: 51.684 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

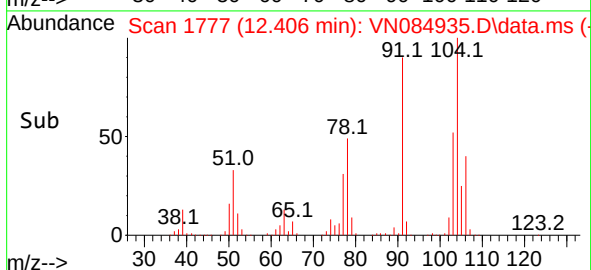
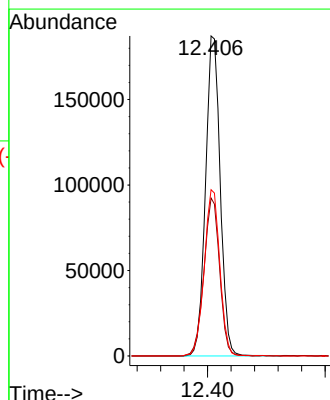
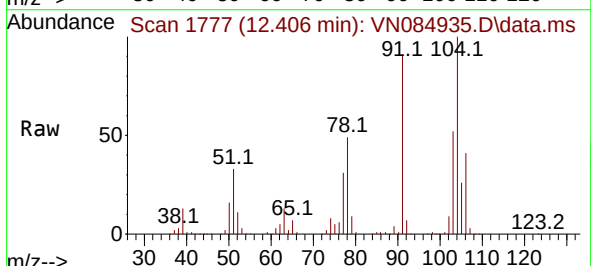
Tgt Ion:104 Resp: 324789

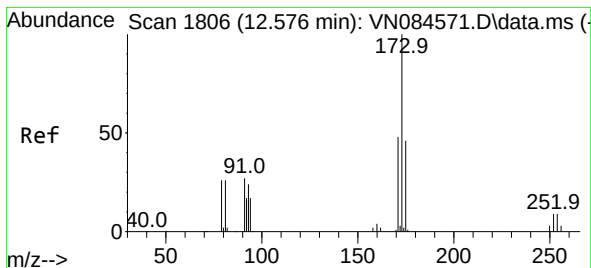
Ion Ratio Lower Upper

104 100

78 52.6 42.7 64.1

103 55.0 43.6 65.4





#71

Bromoform

Concen: 50.147 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

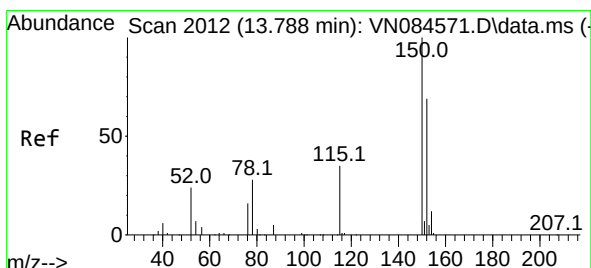
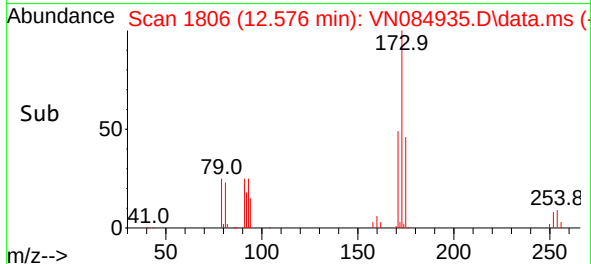
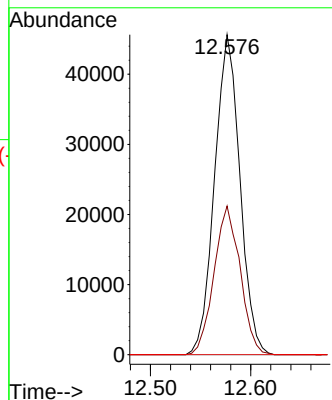
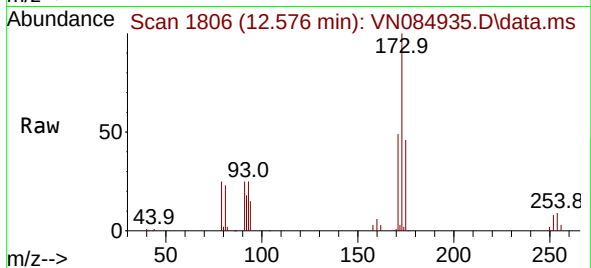
Tgt Ion:173 Resp: 79980

Ion Ratio Lower Upper

173 100

175 47.8 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

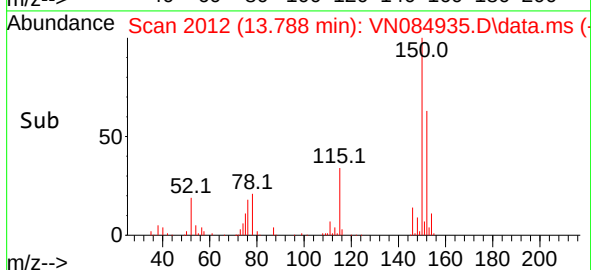
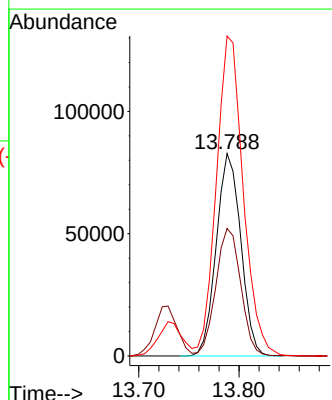
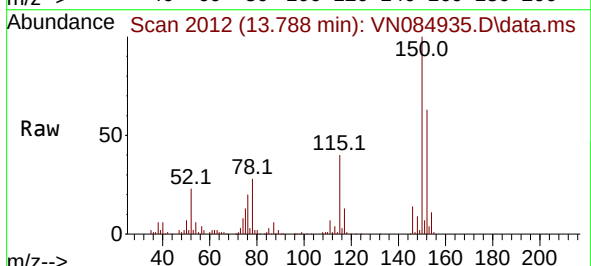
Tgt Ion:152 Resp: 140060

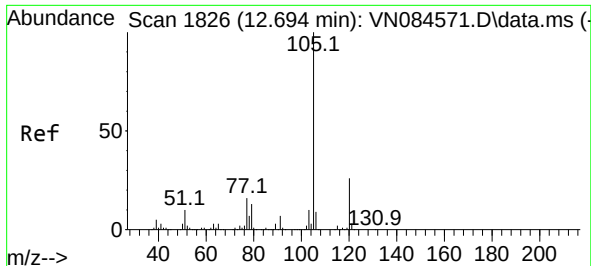
Ion Ratio Lower Upper

152 100

115 64.4 31.3 93.9

150 173.8 0.0 349.8

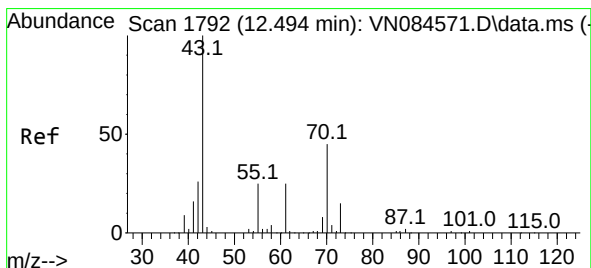
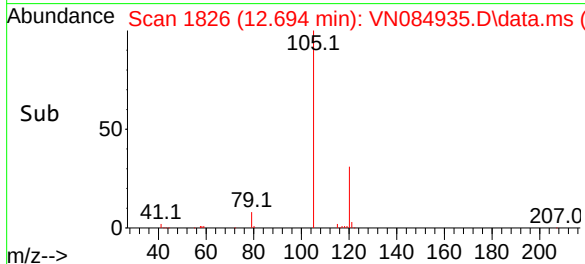
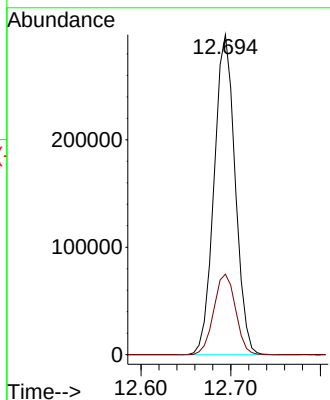
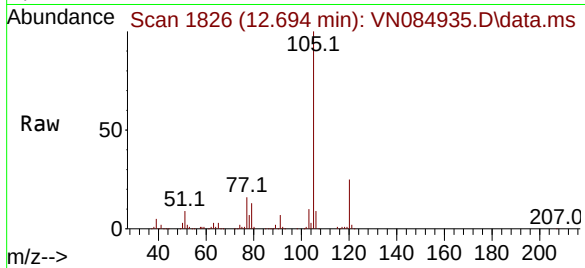




#73
Isopropylbenzene
Concen: 49.323 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

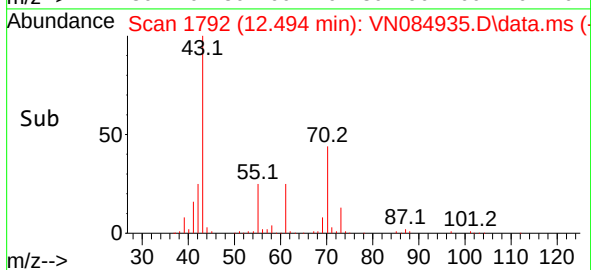
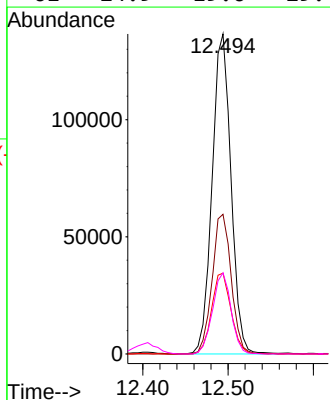
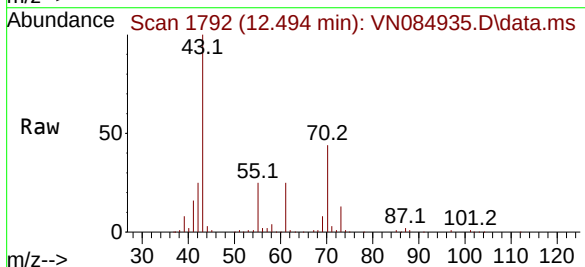
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

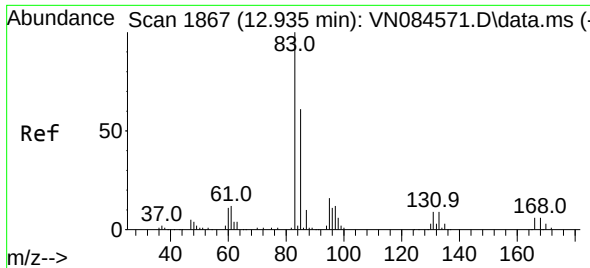
Tgt Ion:105 Resp: 484105
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.7



#74
N-ethyl acetate
Concen: 50.280 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion: 43 Resp: 210044
Ion Ratio Lower Upper
43 100
70 44.2 34.4 51.6
55 26.1 19.6 29.4
61 24.9 19.6 29.4

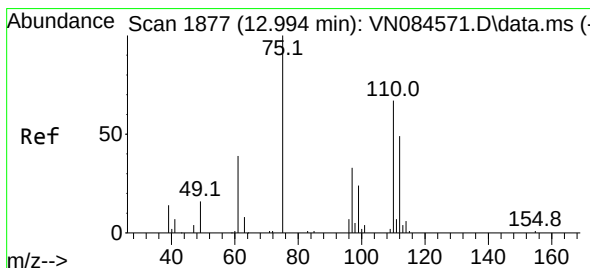
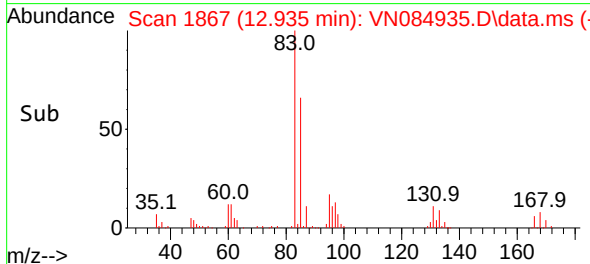
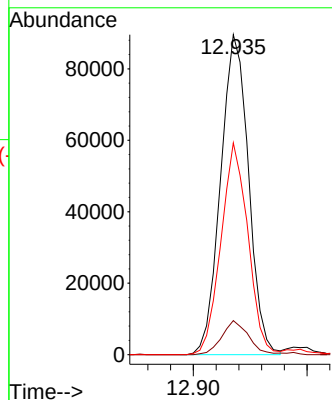
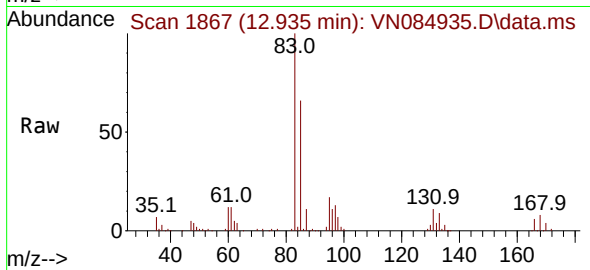




#75
1,1,2,2-Tetrachloroethane
Concen: 46.671 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

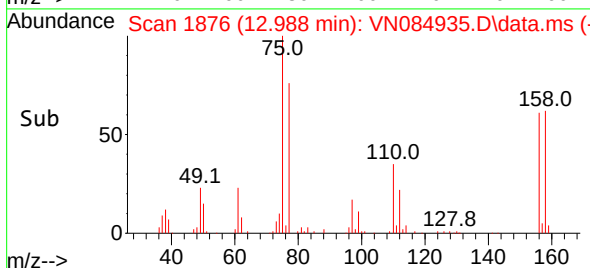
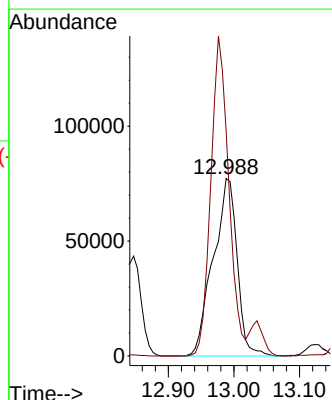
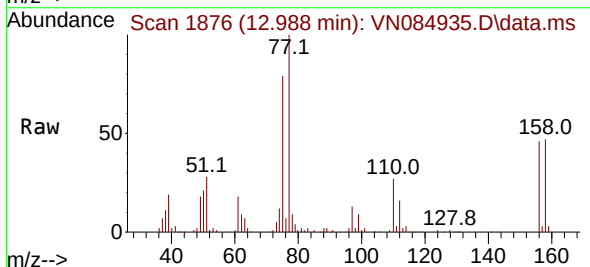
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

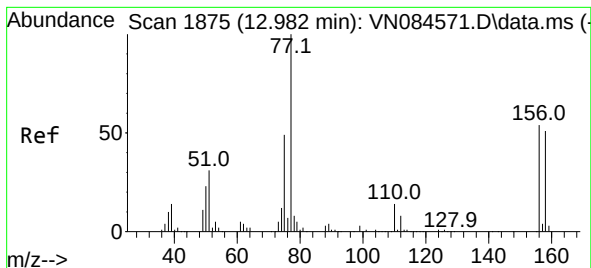
Tgt Ion: 83 Resp: 152902
Ion Ratio Lower Upper
83 100
131 10.3 4.9 14.7
85 64.0 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 69.839 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion: 75 Resp: 195531
Ion Ratio Lower Upper
75 100
77 135.6 96.9 290.7





#77

Bromobenzene

Concen: 44.566 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

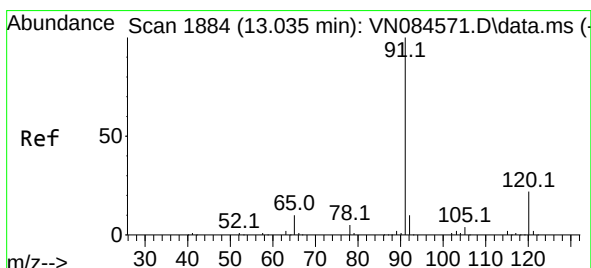
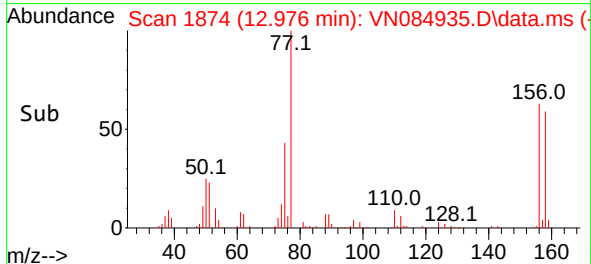
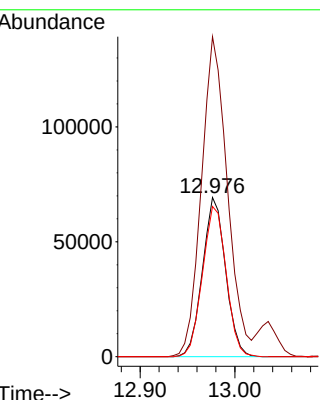
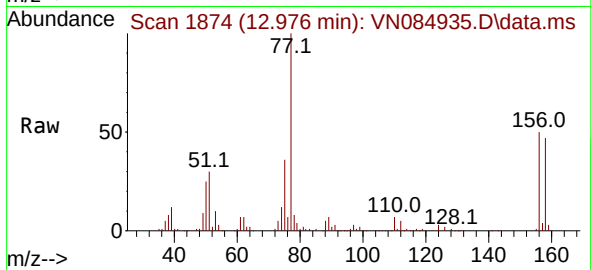
Tgt Ion:156 Resp: 117590

Ion Ratio Lower Upper

156 100

77 225.5 115.1 345.3

158 96.8 48.9 146.8



#78

n-propylbenzene

Concen: 48.736 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084935.D

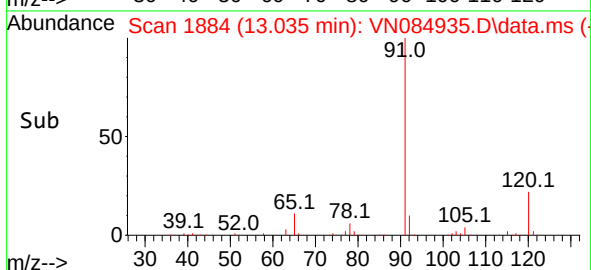
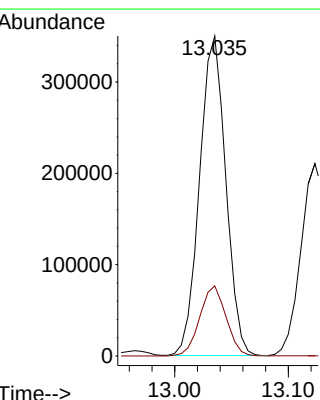
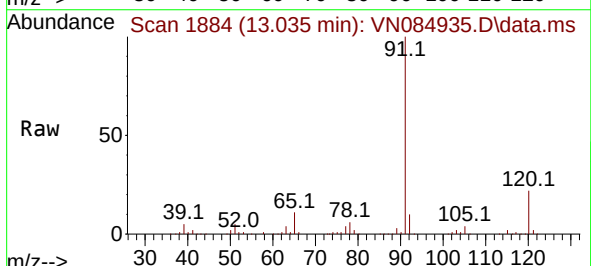
Acq: 19 Nov 2024 09:27

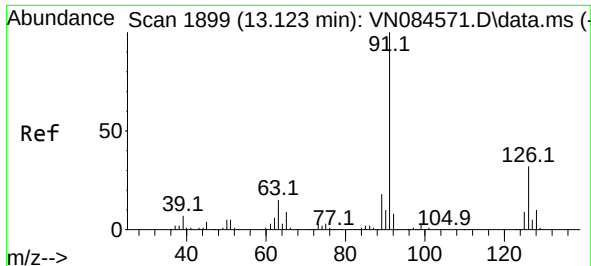
Tgt Ion: 91 Resp: 560537

Ion Ratio Lower Upper

91 100

120 22.0 10.8 32.4

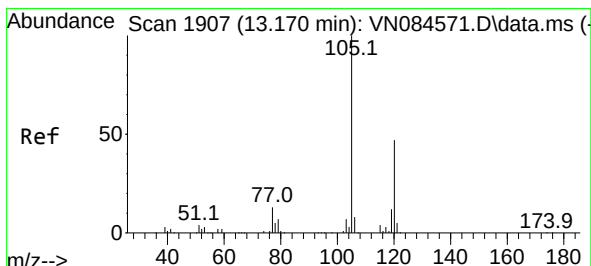
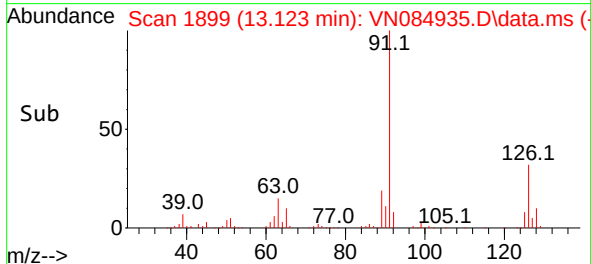
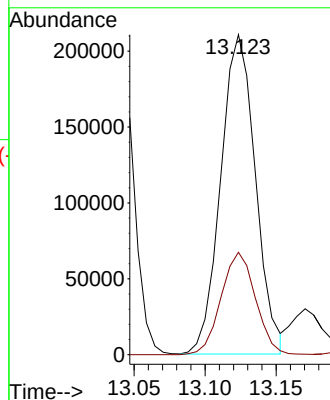
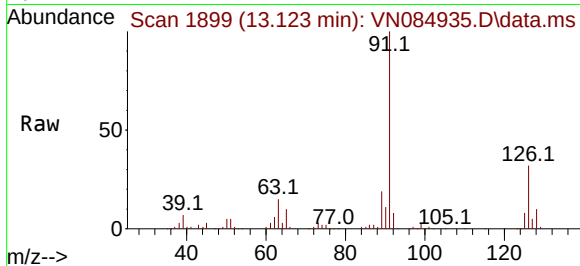




#79
2-Chlorotoluene
Concen: 47.616 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

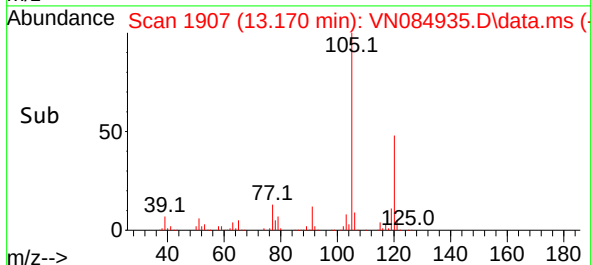
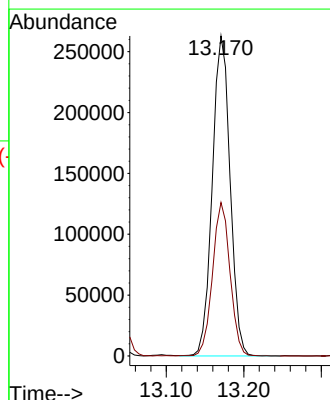
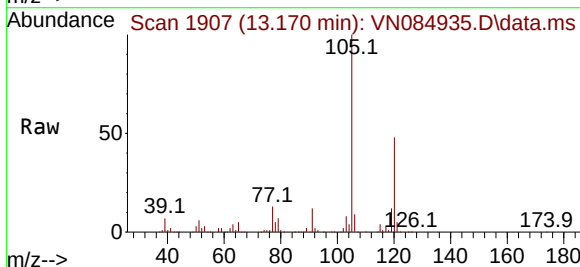
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

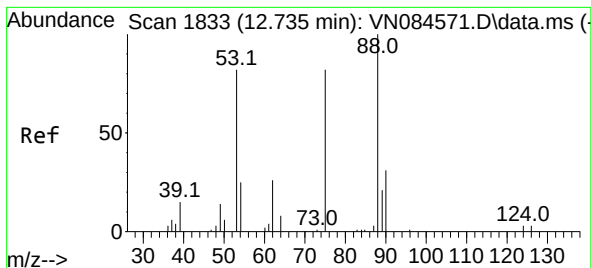
Tgt Ion: 91 Resp: 357849
Ion Ratio Lower Upper
91 100
126 31.7 15.7 47.1



#80
1,3,5-Trimethylbenzene
Concen: 51.812 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion:105 Resp: 421482
Ion Ratio Lower Upper
105 100
120 47.1 23.7 71.1

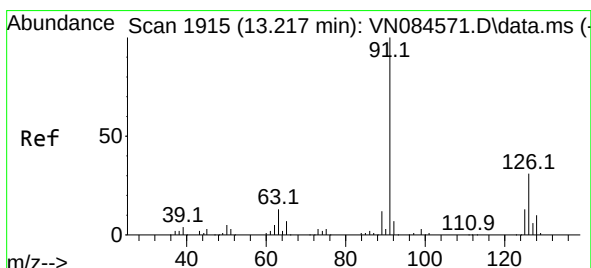
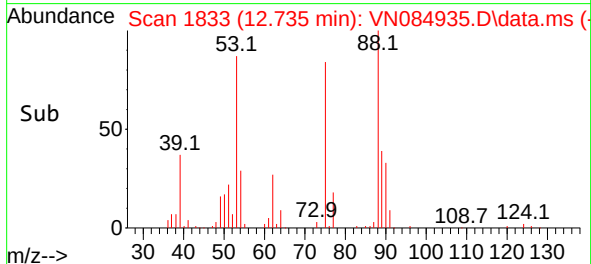
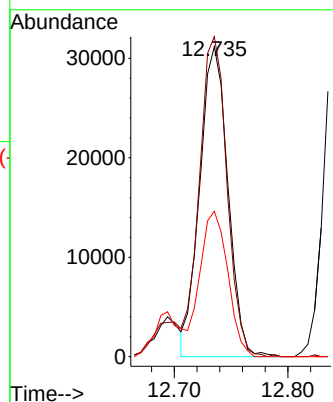
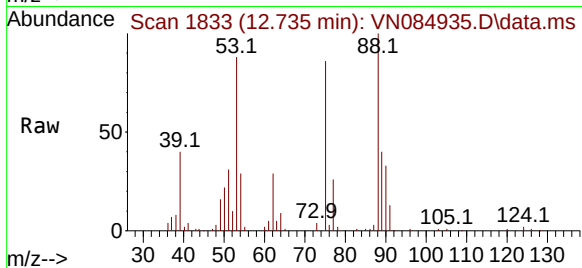




#81
trans-1,4-Dichloro-2-butene
Concen: 45.503 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

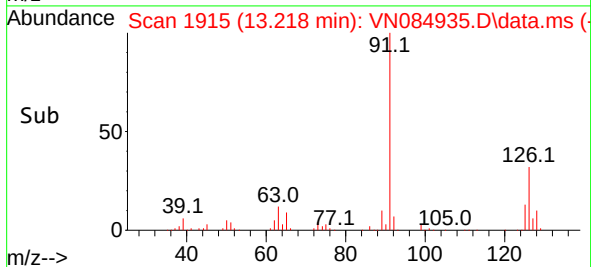
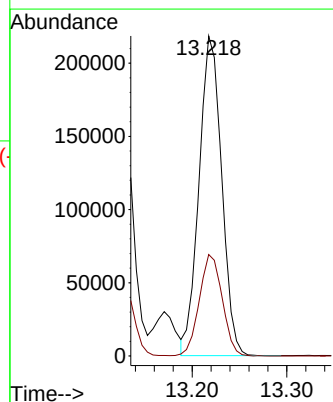
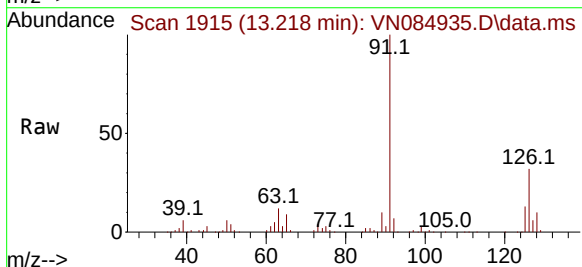
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

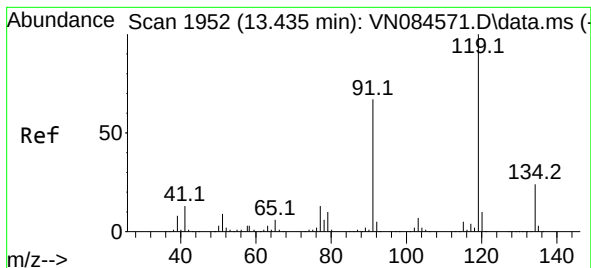
Tgt Ion: 75 Resp: 53699
Ion Ratio Lower Upper
75 100
53 112.7 78.0 117.0
89 45.9 35.5 53.3



#82
4-Chlorotoluene
Concen: 45.763 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion: 91 Resp: 361943
Ion Ratio Lower Upper
91 100
126 32.2 15.7 47.1





#83

tert-Butylbenzene

Concen: 51.061 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

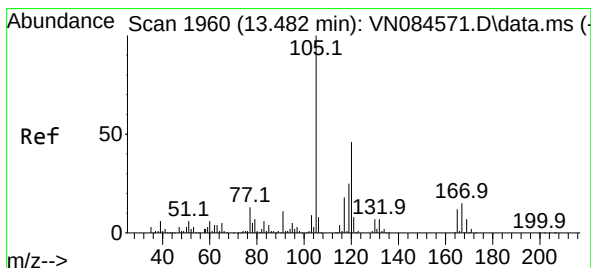
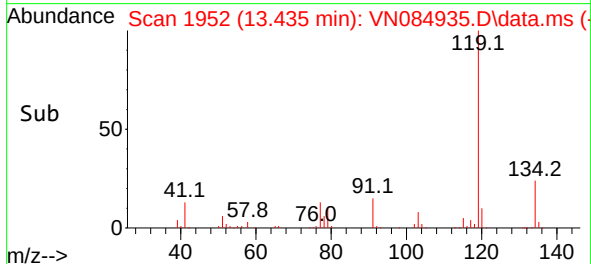
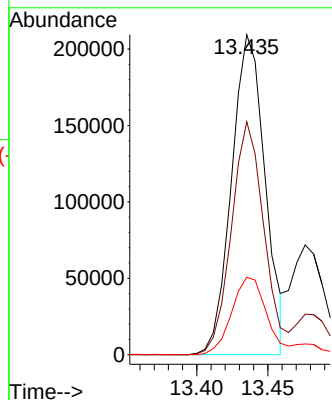
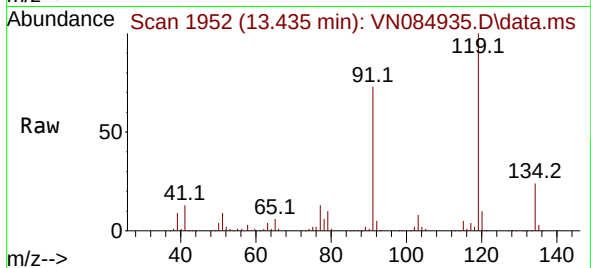
Tgt Ion:119 Resp: 343776

Ion Ratio Lower Upper

119 100

91 71.1 34.1 102.3

134 25.0 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 51.069 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084935.D

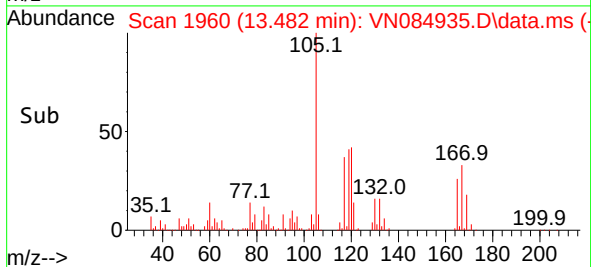
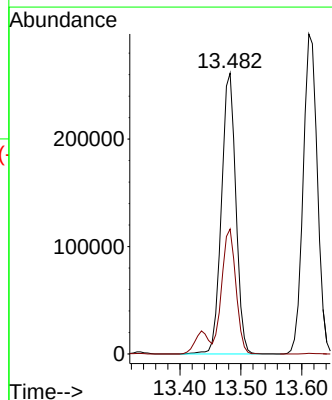
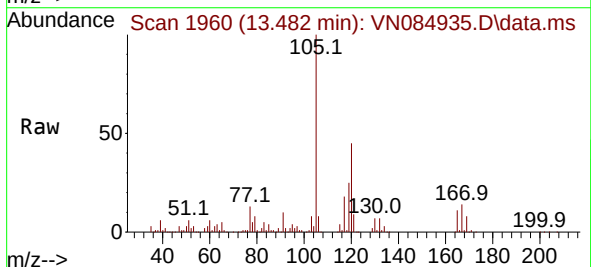
Acq: 19 Nov 2024 09:27

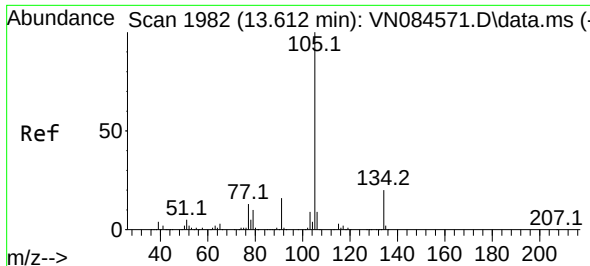
Tgt Ion:105 Resp: 428779

Ion Ratio Lower Upper

105 100

120 43.6 22.3 66.8

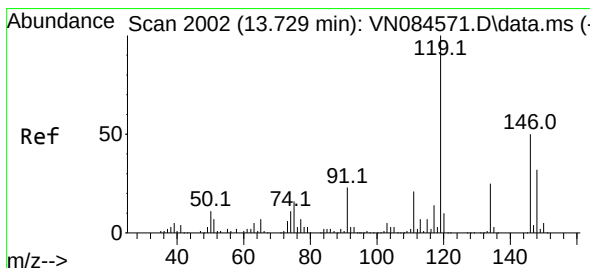
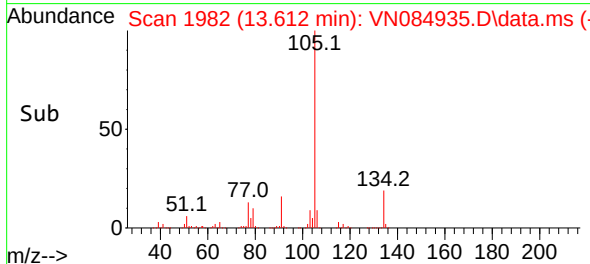
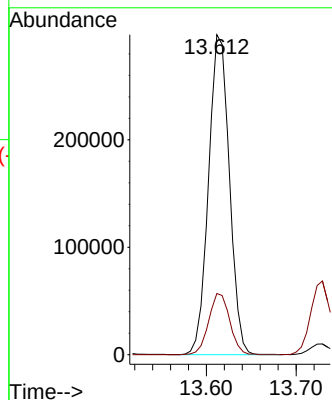
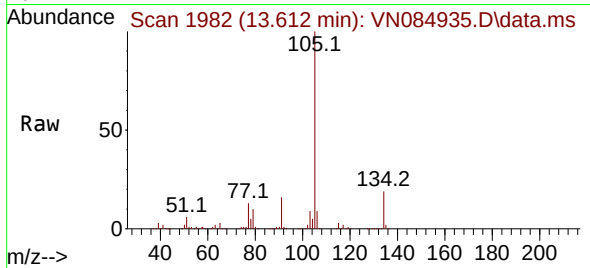




#85
 sec-Butylbenzene
 Concen: 50.542 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VN084935.D
 Acq: 19 Nov 2024 09:27

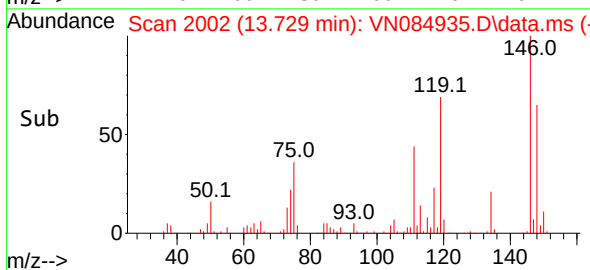
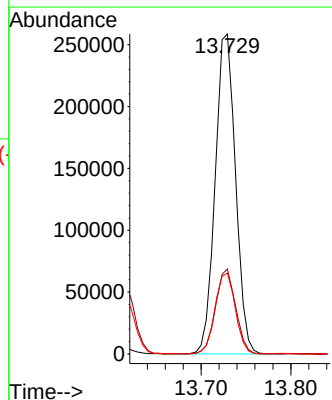
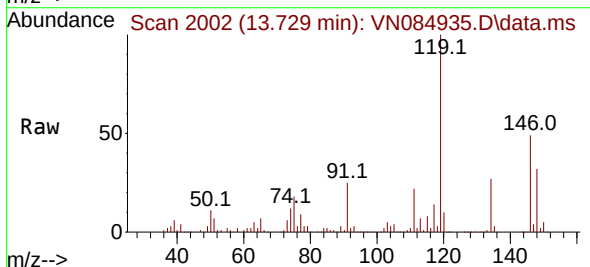
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

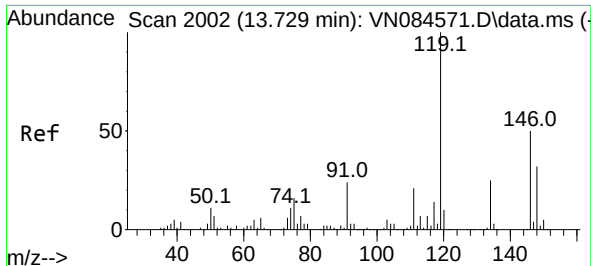
Tgt Ion:105 Resp: 480667
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 52.315 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084935.D
 Acq: 19 Nov 2024 09:27

Tgt Ion:119 Resp: 408036
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 25.3 12.4 37.2

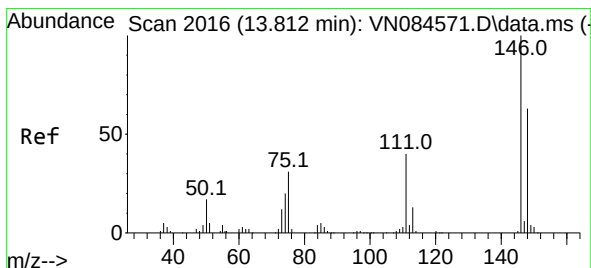
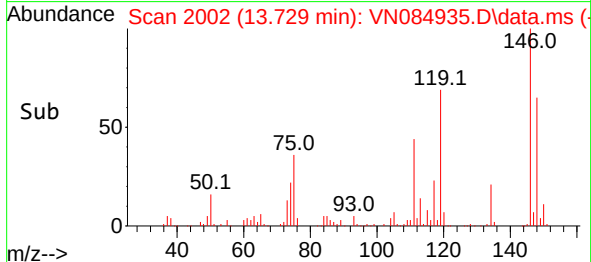
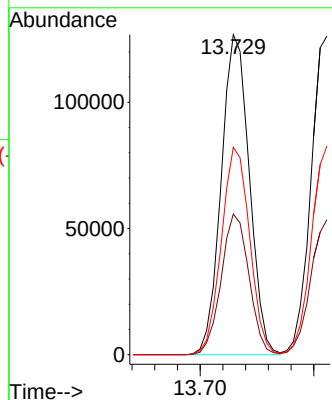
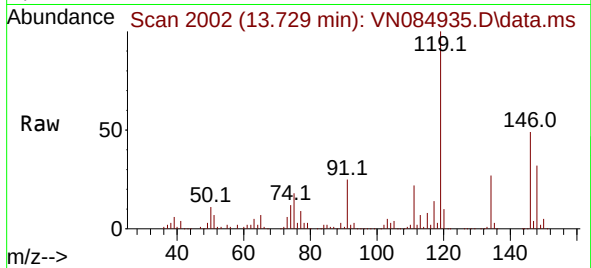




#87
1,3-Dichlorobenzene
Concen: 42.268 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

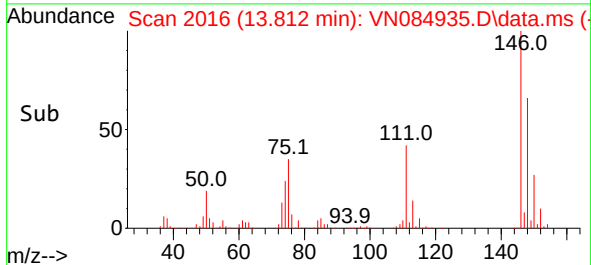
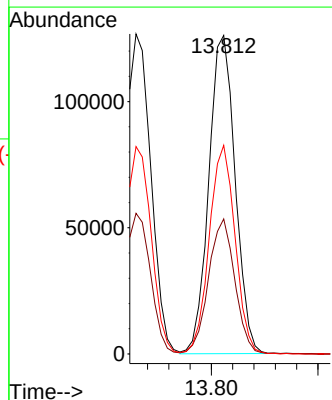
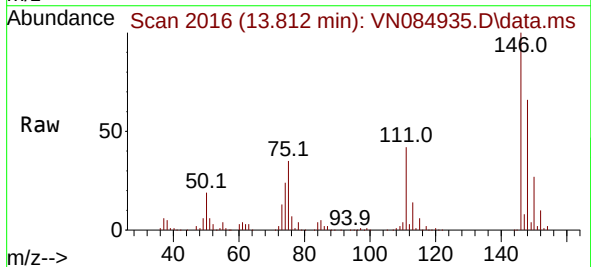
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

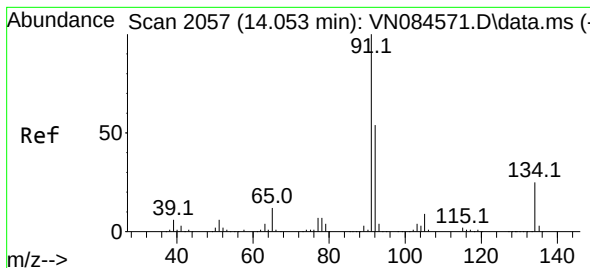
Tgt Ion:146 Resp: 217656
Ion Ratio Lower Upper
146 100
111 43.4 21.8 65.3
148 65.2 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 45.744 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion:146 Resp: 216598
Ion Ratio Lower Upper
146 100
111 42.6 21.2 63.6
148 64.3 31.9 95.9





#89

n-Butylbenzene

Concen: 47.108 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

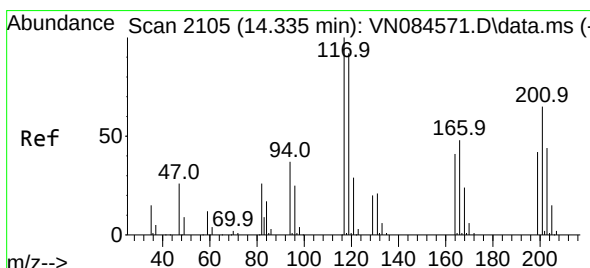
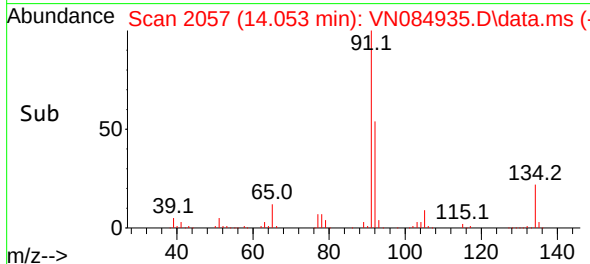
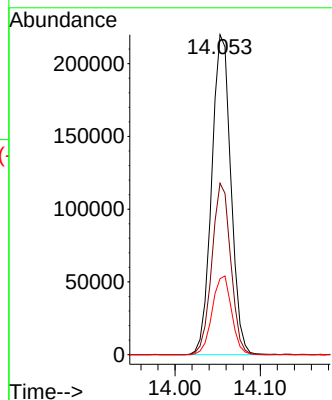
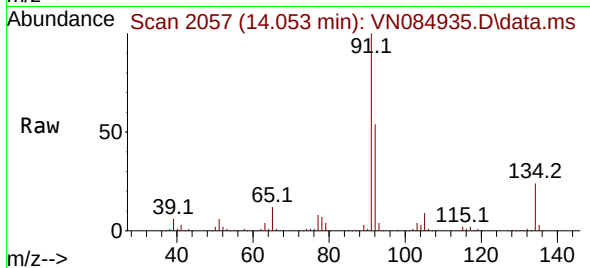
Tgt Ion: 91 Resp: 343697

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.7

134 24.8 12.3 36.9



#90

Hexachloroethane

Concen: 43.786 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN084935.D

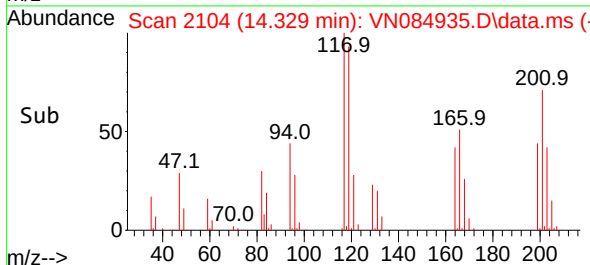
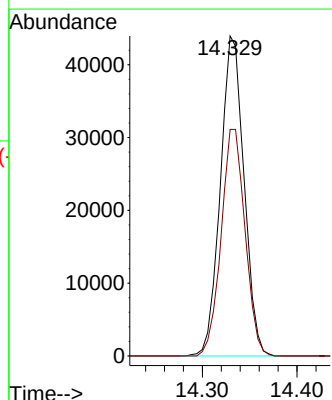
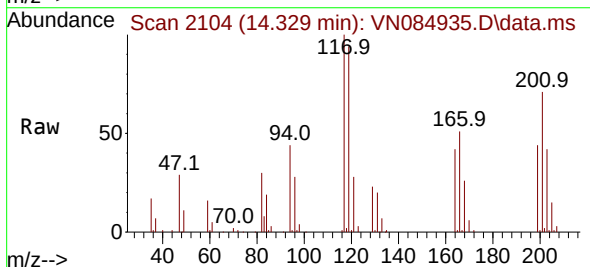
Acq: 19 Nov 2024 09:27

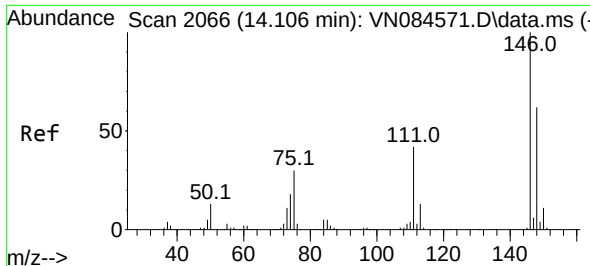
Tgt Ion: 117 Resp: 76160

Ion Ratio Lower Upper

117 100

201 71.7 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 44.308 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

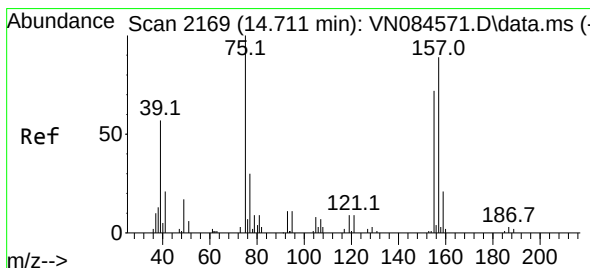
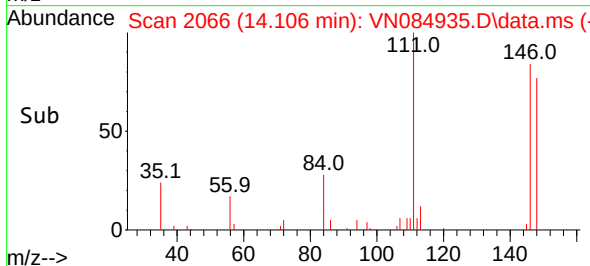
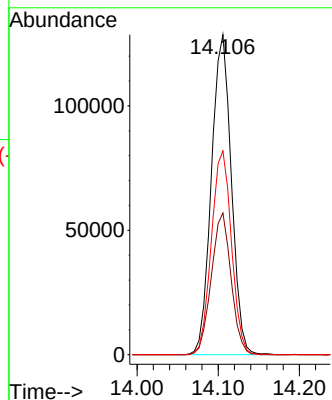
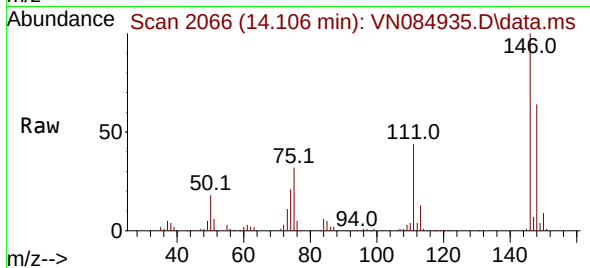
Tgt Ion:146 Resp: 219245

Ion Ratio Lower Upper

146 100

111 43.9 22.0 66.0

148 64.0 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.984 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

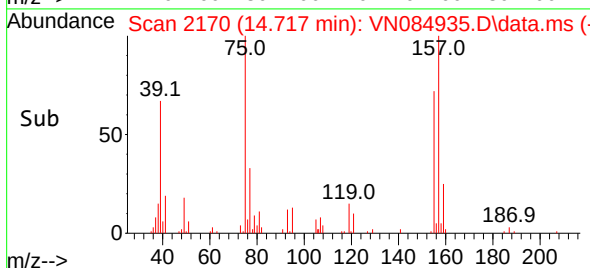
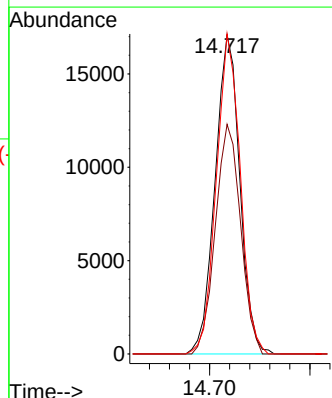
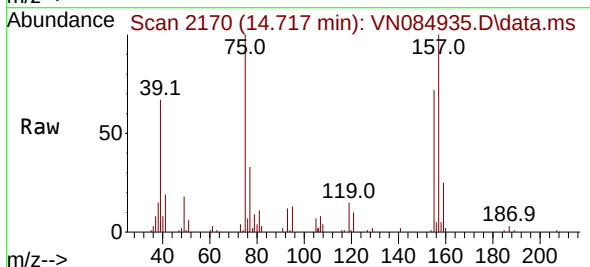
Tgt Ion: 75 Resp: 29192

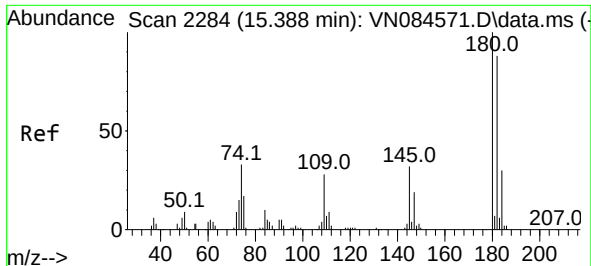
Ion Ratio Lower Upper

75 100

155 73.6 38.1 114.5

157 96.9 49.6 149.0

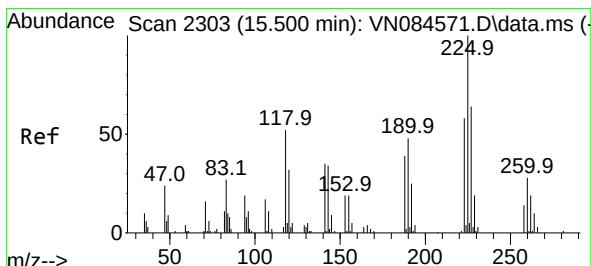
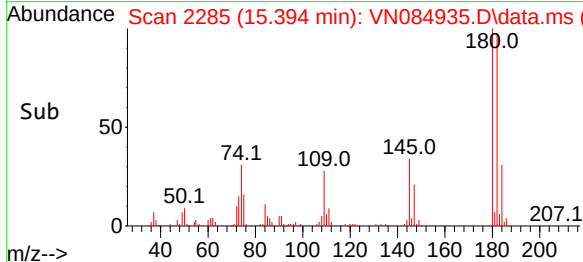
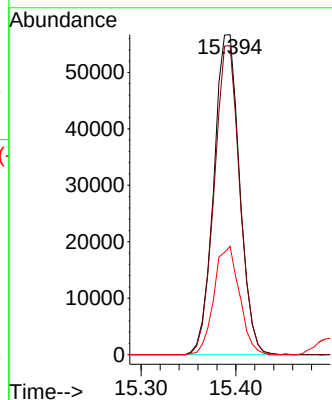
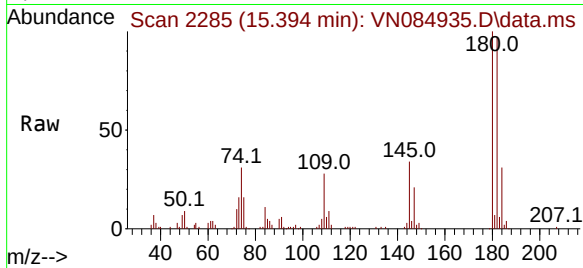




#93
 1,2,4-Trichlorobenzene
 Concen: 39.531 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN084935.D
 Acq: 19 Nov 2024 09:27

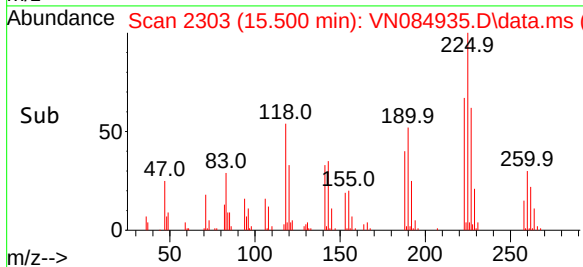
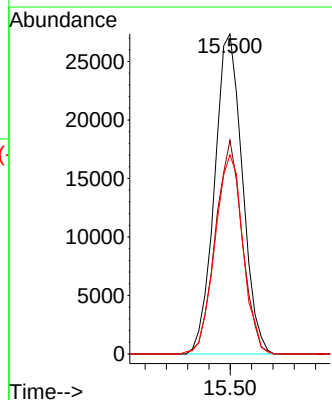
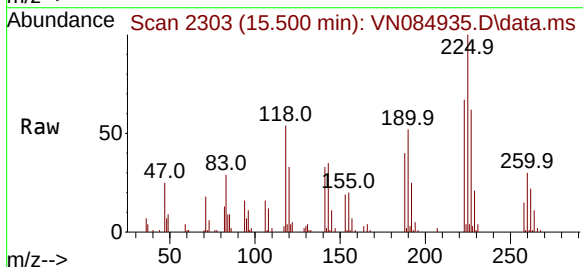
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

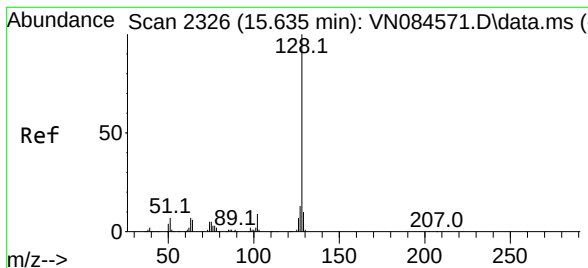
Tgt Ion:180 Resp: 107065
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.0 141.0
 145 33.5 16.4 49.4



#94
 Hexachlorobutadiene
 Concen: 41.656 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN084935.D
 Acq: 19 Nov 2024 09:27

Tgt Ion:225 Resp: 49545
 Ion Ratio Lower Upper
 225 100
 223 64.4 32.4 97.2
 227 62.8 32.4 97.0





#95

Naphthalene

Concen: 43.227 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

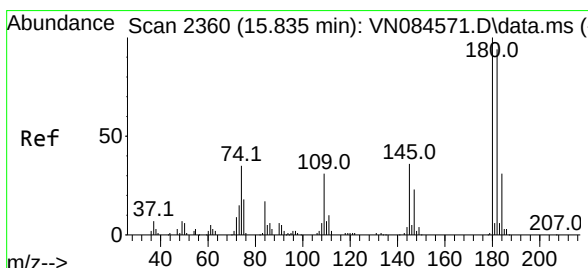
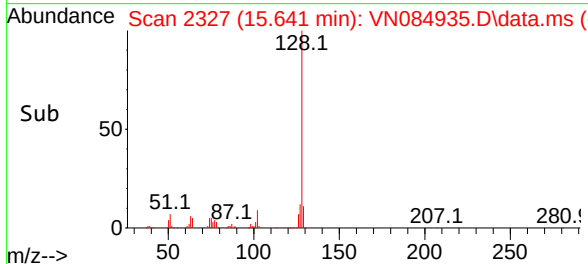
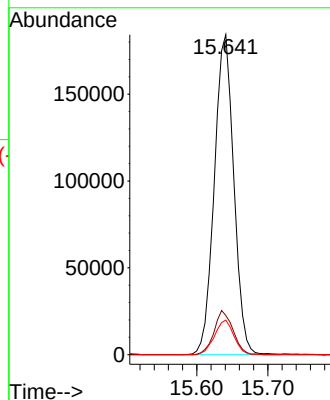
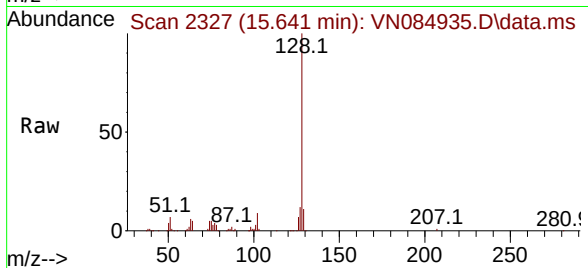
Tgt Ion:128 Resp: 350435

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 40.681 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Tgt Ion:180 Resp: 106957

Ion Ratio Lower Upper

180 100

182 93.9 48.2 144.6

145 34.0 17.3 51.9

