

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
 Data File : VN084944.D
 Acq On : 19 Nov 2024 14:05
 Operator : JC\MD
 Sample : P4845-11DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 20 00:28:39 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)

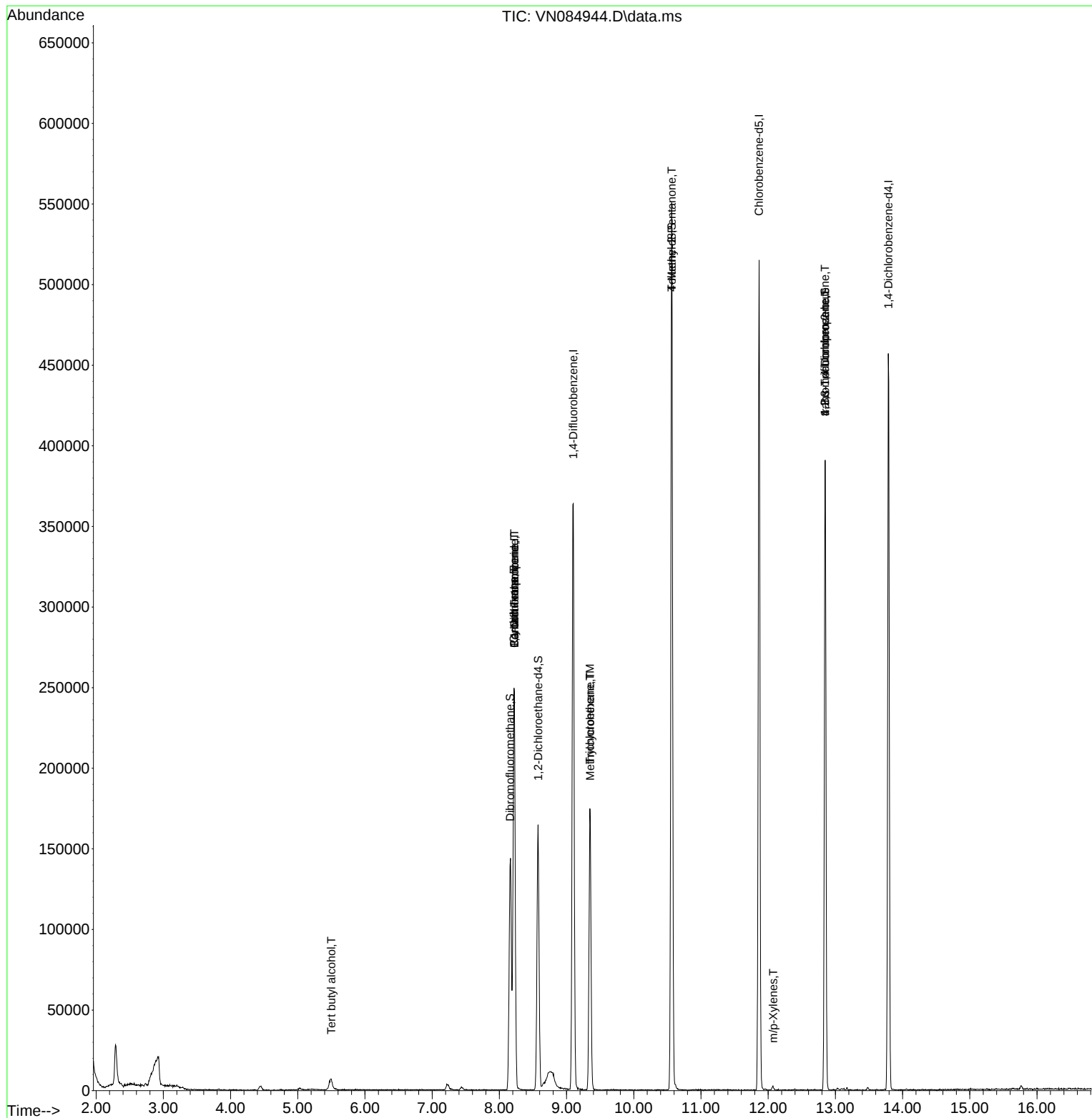
Internal Standards						
1) Pentafluorobenzene	8.224	168	177869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	318918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	133368	51.914	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.820%		
35) Dibromofluoromethane	8.159	113	104519	48.418	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.840%		
50) Toluene-d8	10.565	98	367373	46.199	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 92.400%		
62) 4-Bromofluorobenzene	12.847	95	139783	47.035	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 94.080%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	659	Below Cal	#	41
6) Chloroethane	3.124	64	575	Below Cal	#	45
11) Tert butyl alcohol	5.500	59	6315	18.623	ug/l #	73
16) Acetone	4.459	43	1511	Below Cal	#	44
18) Methyl Acetate	5.030	43	2023	Below Cal	#	82
31) Cyclohexane	8.218	56	3889	1.096	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	15195	5.075	ug/l #	50
38) Carbon Tetrachloride	8.224	117	19798	5.916	ug/l #	16
39) Methylcyclohexane	9.353	83	695	0.228	ug/l #	1
43) Isopropyl Acetate	8.671	43	3662	Below Cal	#	56
44) Trichloroethene	9.347	130	62151	28.029	ug/l	93
51) 4-Methyl-2-Pentanone	10.565	43	1782	0.688	ug/l #	1
68) m/p-Xylenes	12.076	106	960	0.239	ug/l	100
76) 1,2,3-Trichloropropane	12.847	75	73674	30.614	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	73674	72.628	ug/l #	11
88) 1,4-Dichlorobenzene	13.806	146	481	Below Cal	#	1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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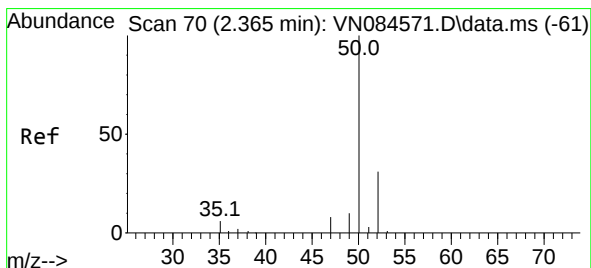
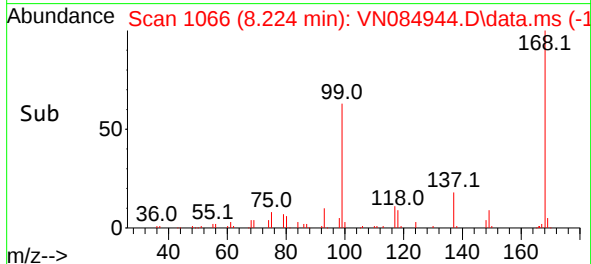
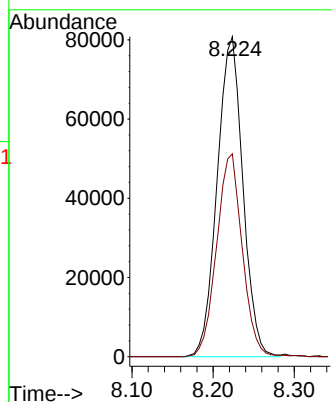
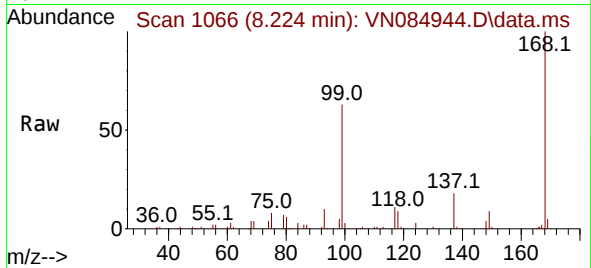




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084944.D
Acq: 19 Nov 2024 14:05

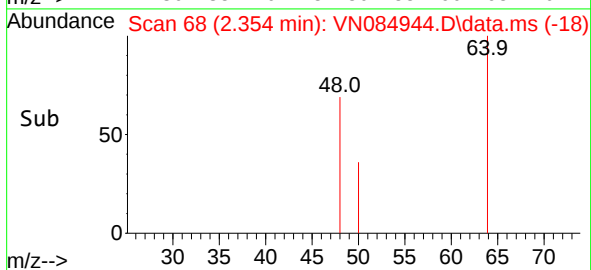
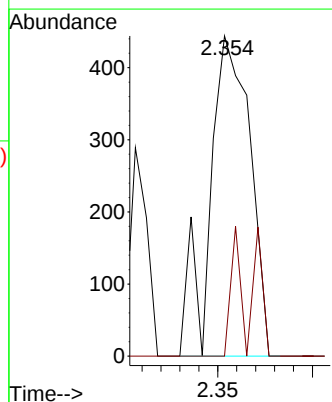
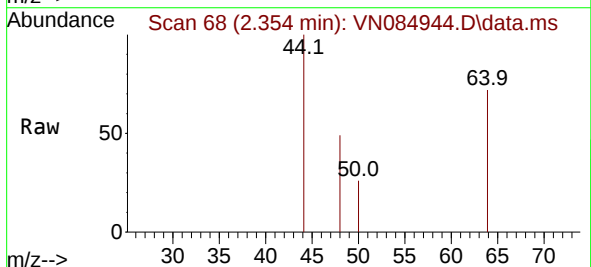
Instrument :
MSVOA_N
ClientSampleId :

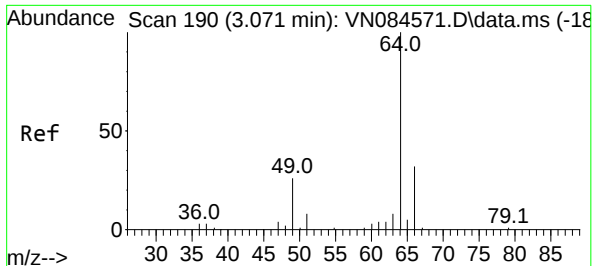
Tgt Ion:168 Resp: 177869
Ion Ratio Lower Upper
168 100
99 63.4 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.354 min Scan# 68
Delta R.T. -0.005 min
Lab File: VN084944.D
Acq: 19 Nov 2024 14:05

Tgt Ion: 50 Resp: 659
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

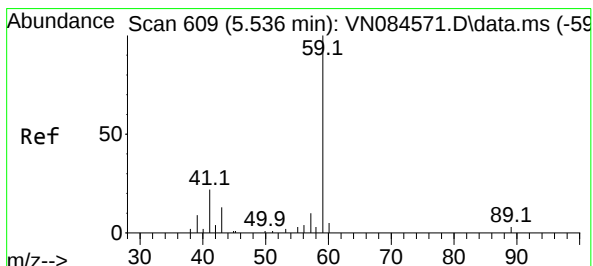
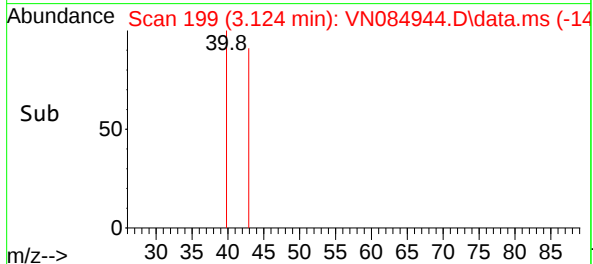
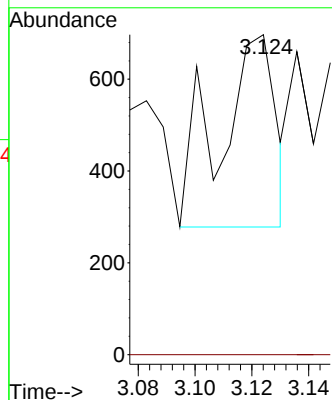
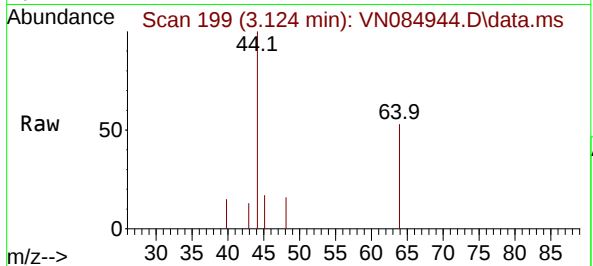




#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 190
Delta R.T. 0.006 min
Lab File: VN084944.D
Acq: 19 Nov 2024 14:05

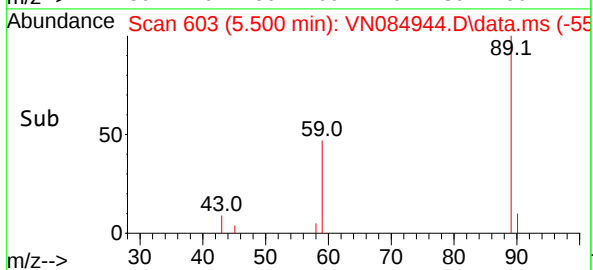
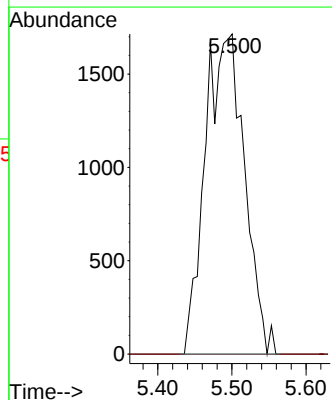
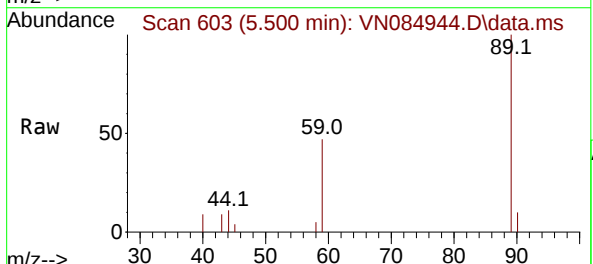
Instrument :
MSVOA_N
ClientSampleId :

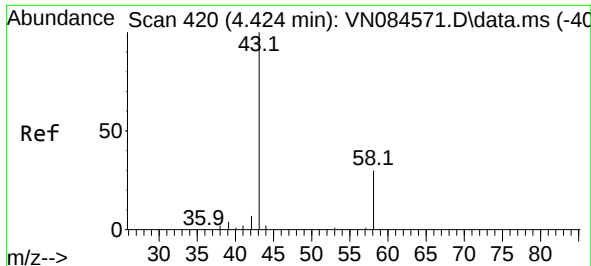
Tgt Ion: 64 Resp: 575
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 18.623 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.023 min
Lab File: VN084944.D
Acq: 19 Nov 2024 14:05

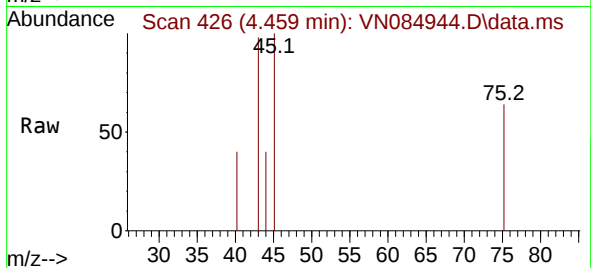
Tgt Ion: 59 Resp: 6315
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



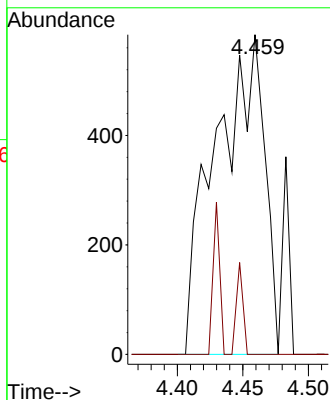
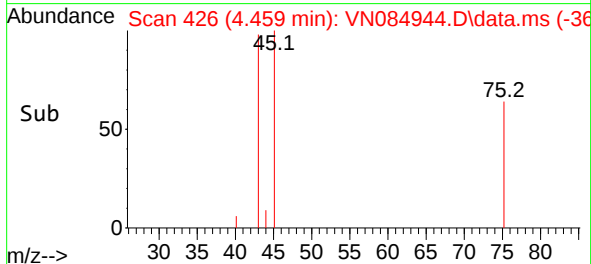


#16
Acetone
Concen: Below Cal
RT: 4.459 min Scan# 431
Delta R.T. 0.035 min
Lab File: VN084944.D
Acq: 19 Nov 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :

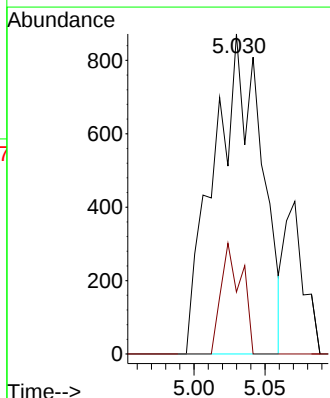
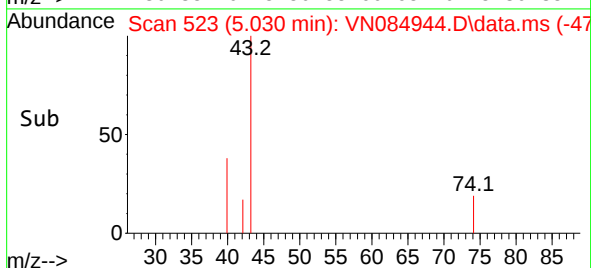
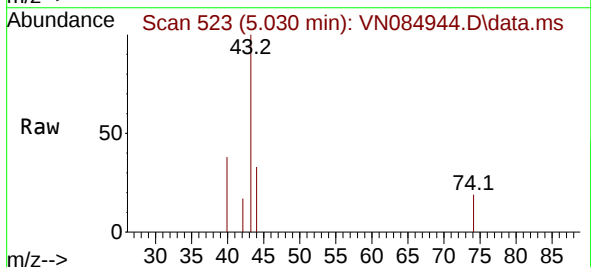


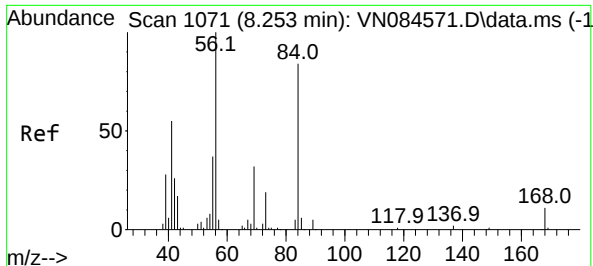
Tgt Ion: 43 Resp: 1511
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN084944.D
Acq: 19 Nov 2024 14:05

Tgt Ion: 43 Resp: 2023
Ion Ratio Lower Upper
43 100
74 15.1 19.2 28.8#





#31

Cyclohexane

Concen: 1.096 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

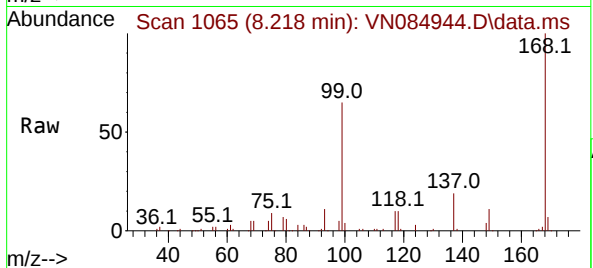
Lab File: VN084944.D

Acq: 19 Nov 2024 14:05

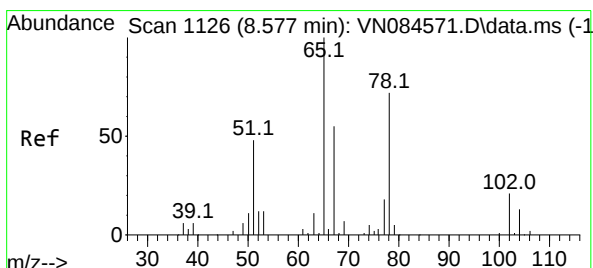
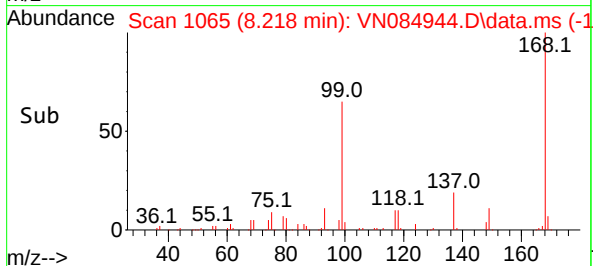
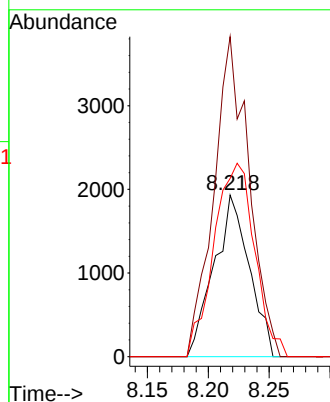
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 56	Resp: 3889
Ion Ratio	Lower Upper
56	100
69	197.9 23.8 35.6#
84	110.3 68.8 103.2#



#33

1,2-Dichloroethane-d4

Concen: 51.914 ug/l

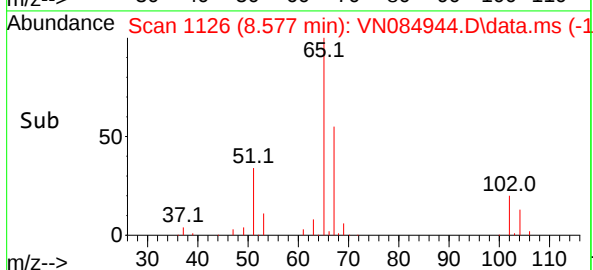
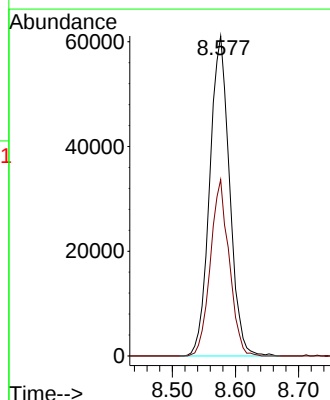
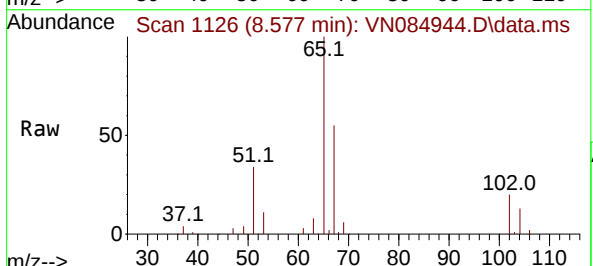
RT: 8.577 min Scan# 1126

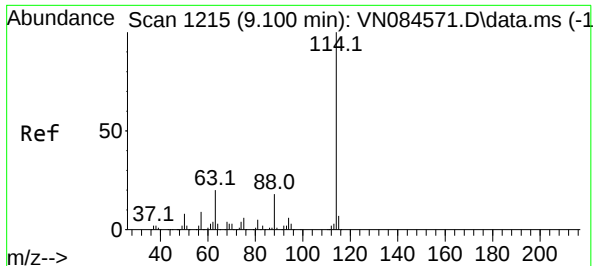
Delta R.T. -0.000 min

Lab File: VN084944.D

Acq: 19 Nov 2024 14:05

Tgt Ion: 65	Resp: 133368
Ion Ratio	Lower Upper
65	100
67	52.1 0.0 102.0

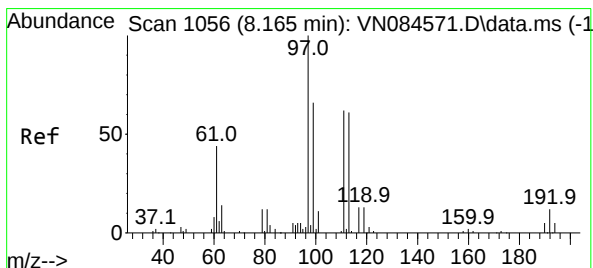
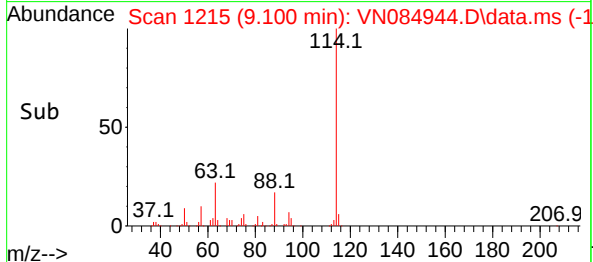
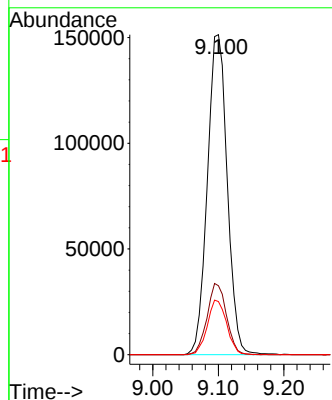
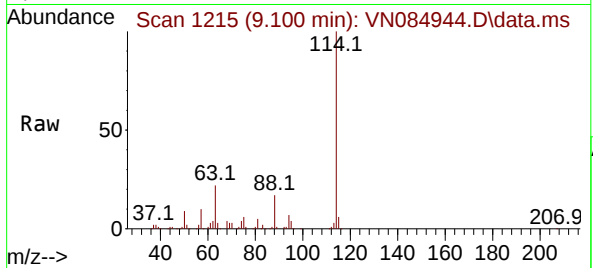




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084944.D
Acq: 19 Nov 2024 14:05

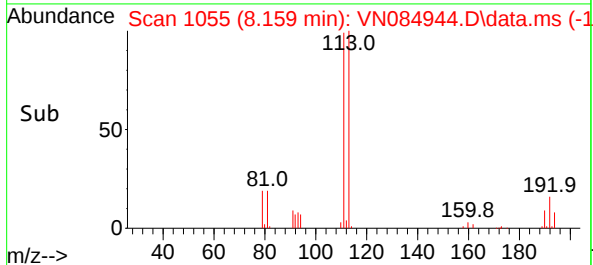
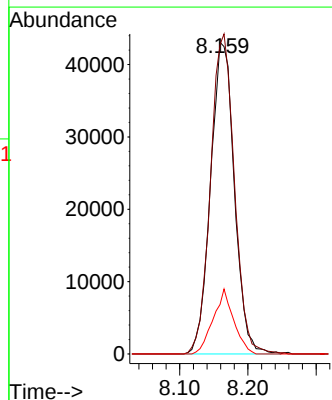
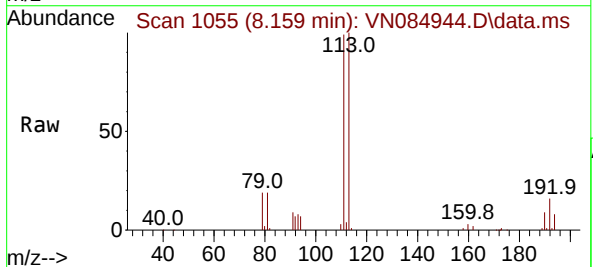
Instrument :
MSVOA_N
ClientSampleId :

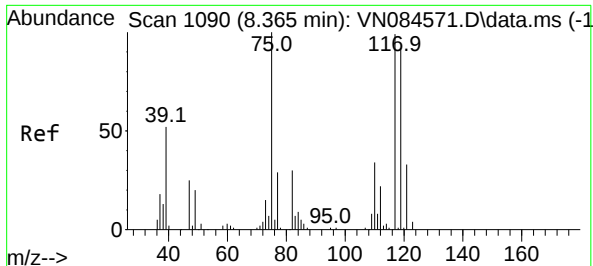
Tgt Ion:114 Resp: 318918
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.8
88 16.6 0.0 31.6



#35
Dibromofluoromethane
Concen: 48.418 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN084944.D
Acq: 19 Nov 2024 14:05

Tgt Ion:113 Resp: 104519
Ion Ratio Lower Upper
113 100
111 103.0 83.3 124.9
192 17.9 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.075 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084944.D

Acq: 19 Nov 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

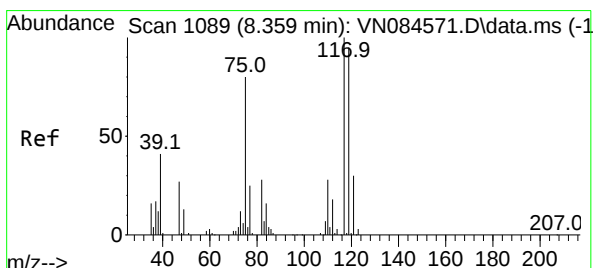
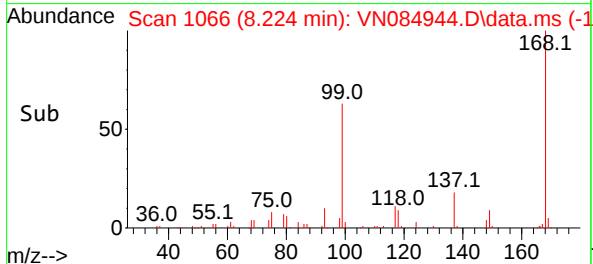
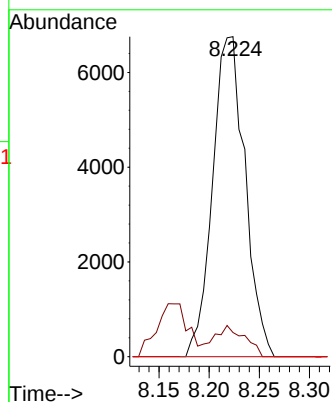
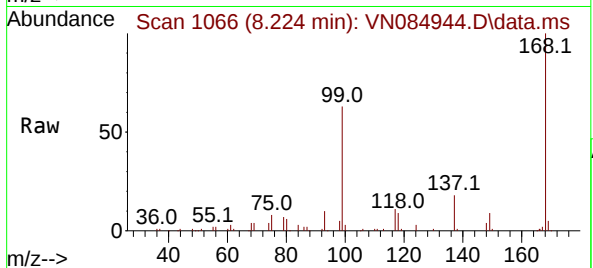
Tgt Ion: 75 Resp: 15195

Ion Ratio Lower Upper

75 100

110 8.9 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.916 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084944.D

Acq: 19 Nov 2024 14:05

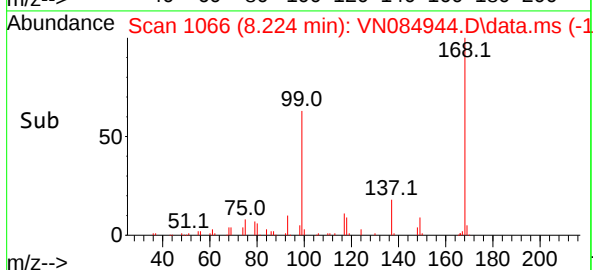
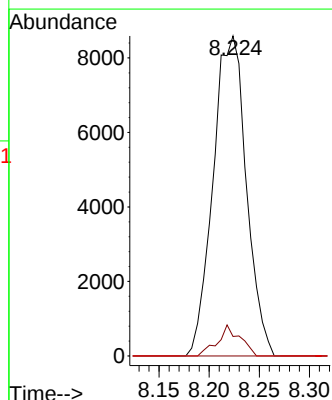
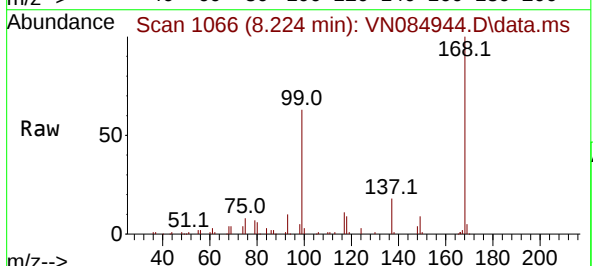
Tgt Ion: 117 Resp: 19798

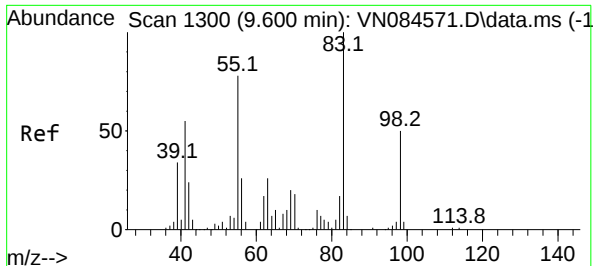
Ion Ratio Lower Upper

117 100

119 6.1 78.7 118.1#

121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.228 ug/l

RT: 9.353 min Scan# 11258

Delta R.T. -0.247 min

Lab File: VN084944.D

Acq: 19 Nov 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

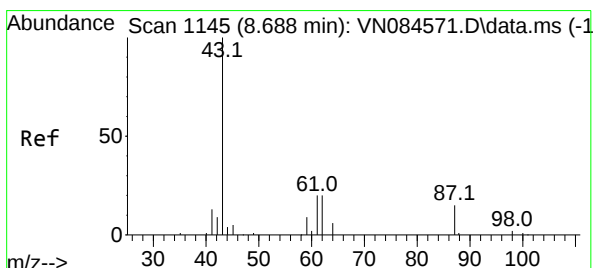
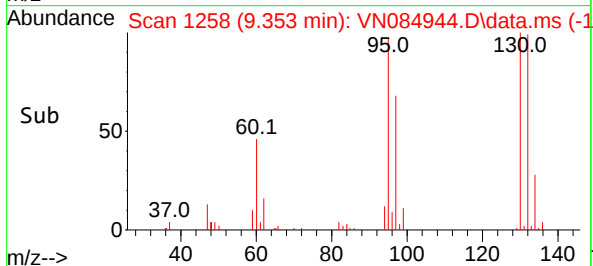
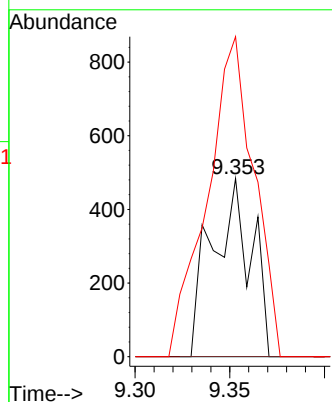
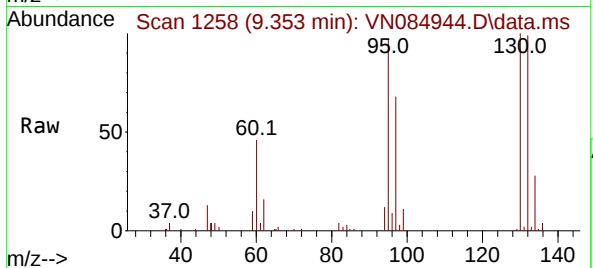
Tgt Ion: 83 Resp: 695

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 179.5 38.8 58.2#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.671 min Scan# 1142

Delta R.T. -0.017 min

Lab File: VN084944.D

Acq: 19 Nov 2024 14:05

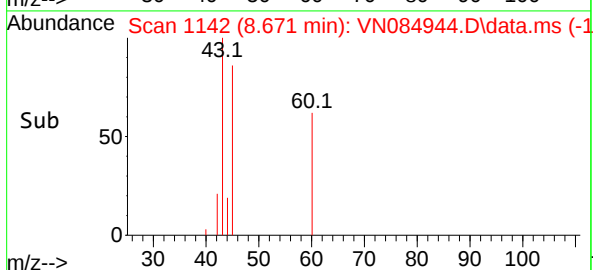
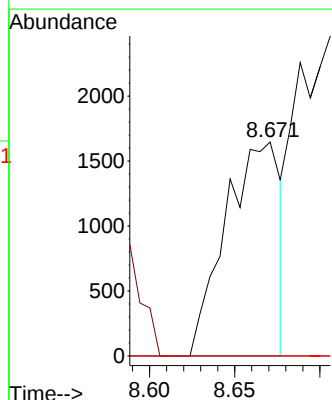
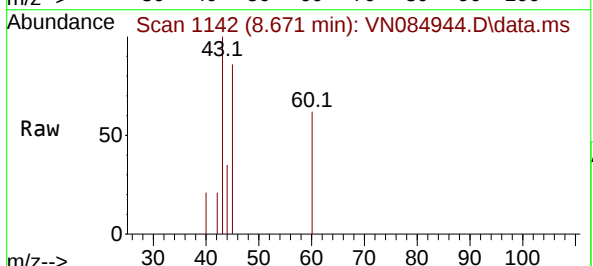
Tgt Ion: 43 Resp: 3662

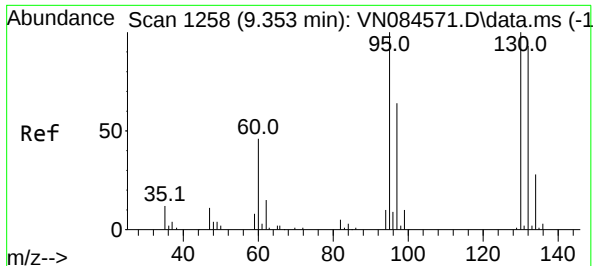
Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 10.3 15.5#

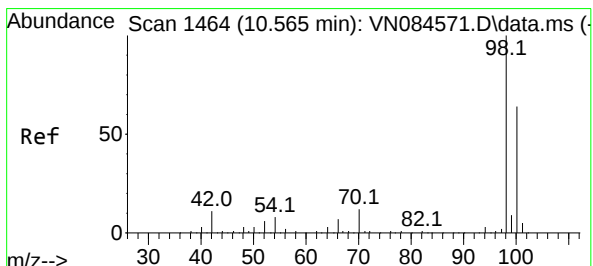
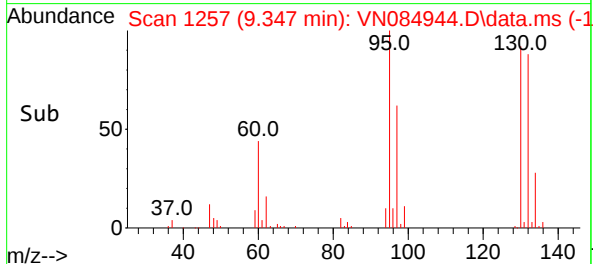
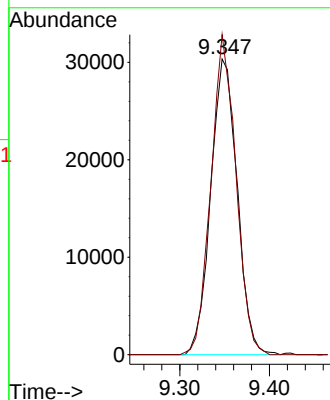
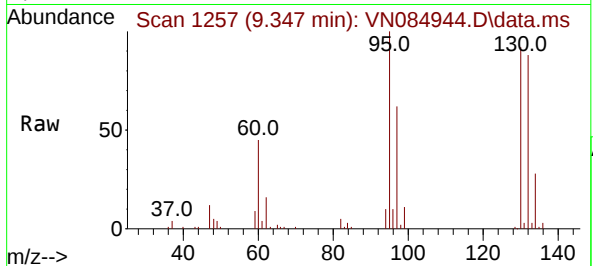




#44
Trichloroethene
Concen: 28.029 ug/l
RT: 9.347 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084944.D
Acq: 19 Nov 2024 14:05

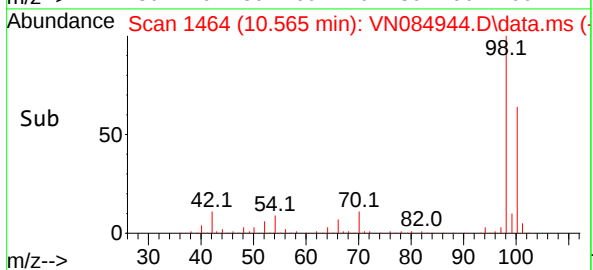
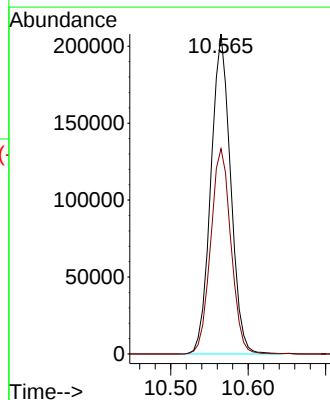
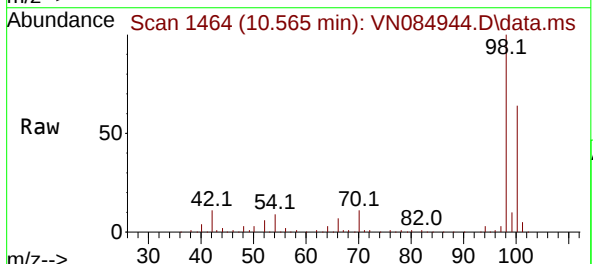
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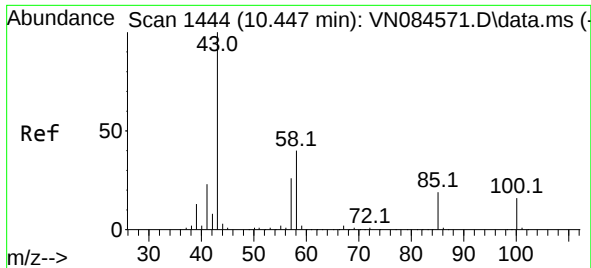
Tgt Ion:130 Resp: 62151
Ion Ratio Lower Upper
130 100
95 108.2 0.0 203.0



#50
Toluene-d8
Concen: 46.199 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084944.D
Acq: 19 Nov 2024 14:05

Tgt Ion: 98 Resp: 367373
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1

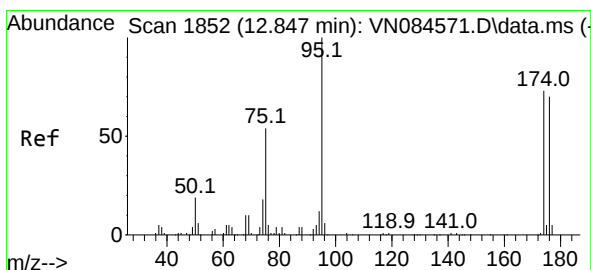
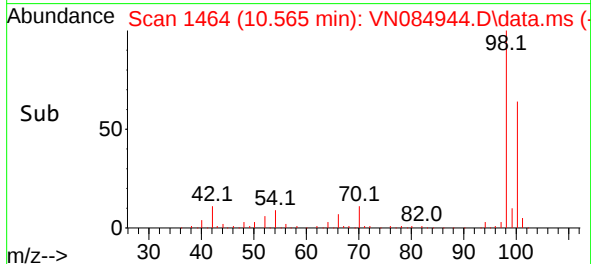
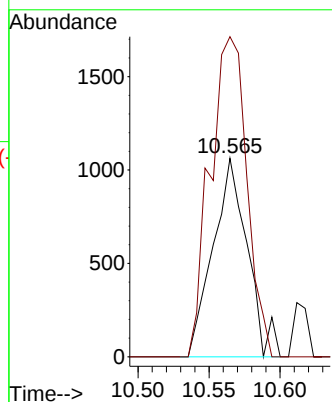
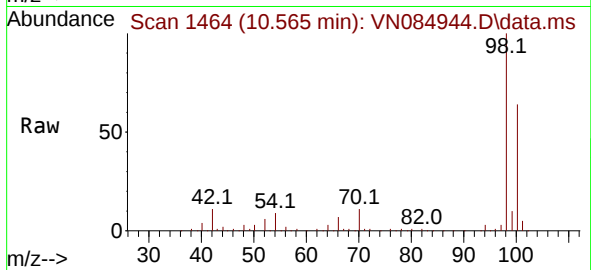




#51
4-Methyl-2-Pentanone
Concen: 0.688 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN084944.D
Acq: 19 Nov 2024 14:05

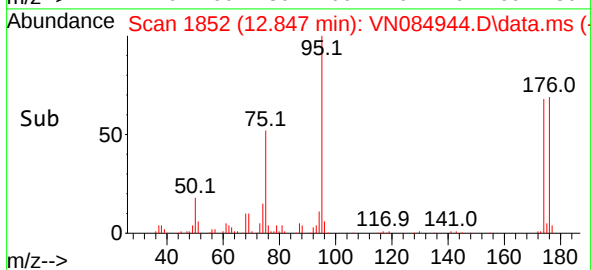
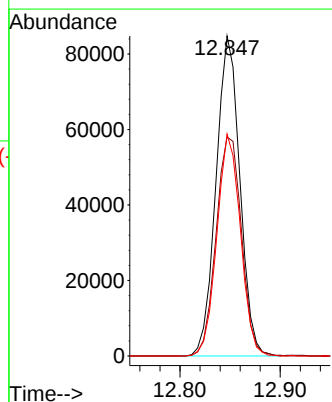
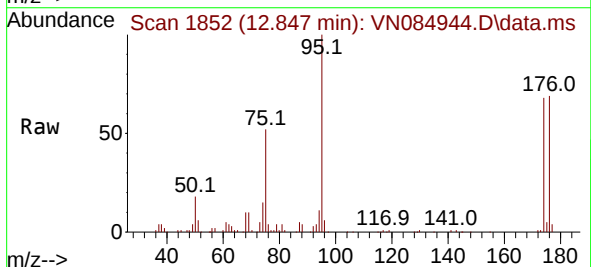
Instrument :
MSVOA_N
ClientSampleId :

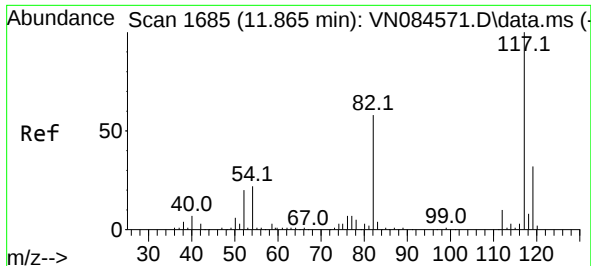
Tgt Ion: 43 Resp: 1782
Ion Ratio Lower Upper
43 100
58 173.2 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 47.035 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084944.D
Acq: 19 Nov 2024 14:05

Tgt Ion: 95 Resp: 139783
Ion Ratio Lower Upper
95 100
174 73.0 0.0 145.2
176 68.6 0.0 140.0

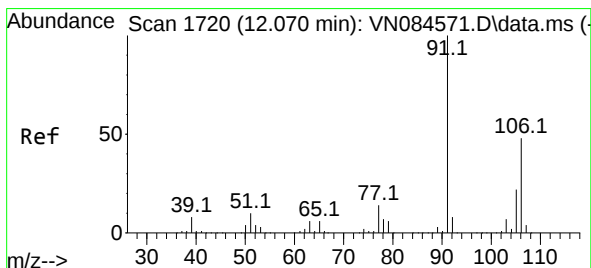
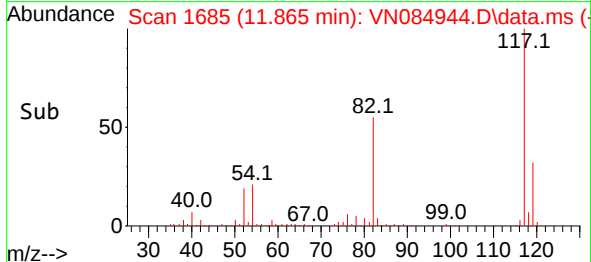
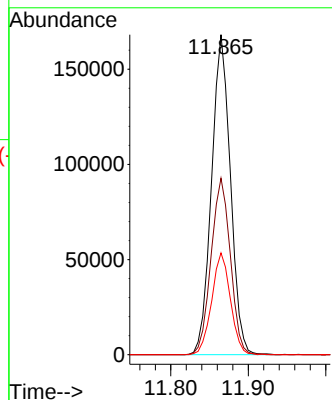
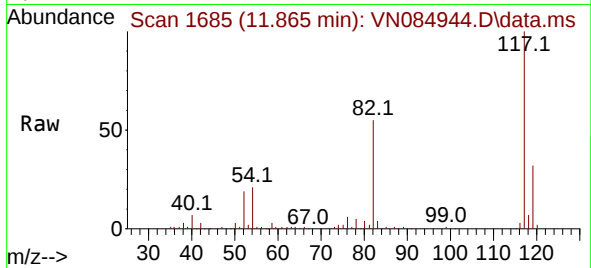




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084944.D
Acq: 19 Nov 2024 14:05

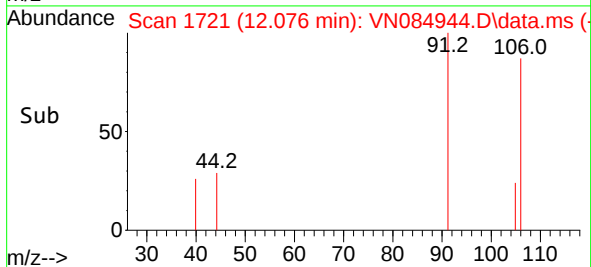
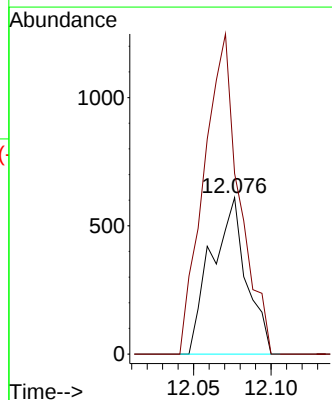
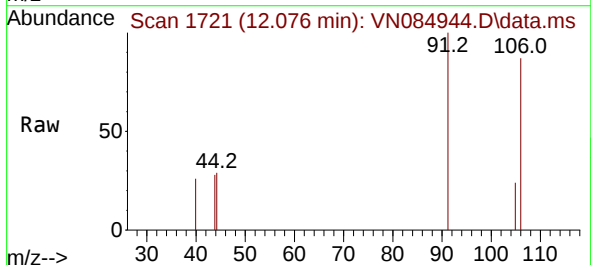
Instrument :
MSVOA_N
ClientSampleId :

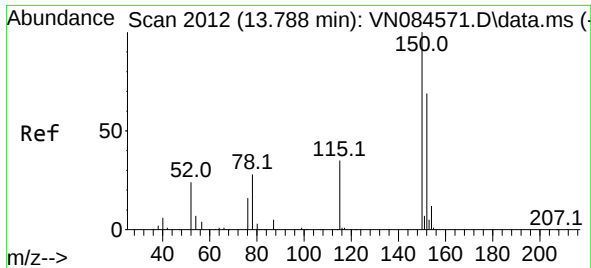
Tgt Ion:117 Resp: 284593
Ion Ratio Lower Upper
117 100
82 55.2 47.2 70.8
119 31.8 25.4 38.0



#68
m/p-Xylenes
Concen: 0.239 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN084944.D
Acq: 19 Nov 2024 14:05

Tgt Ion:106 Resp: 960
Ion Ratio Lower Upper
106 100
91 208.1 167.1 250.7

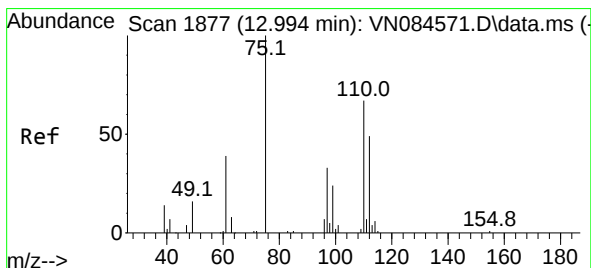
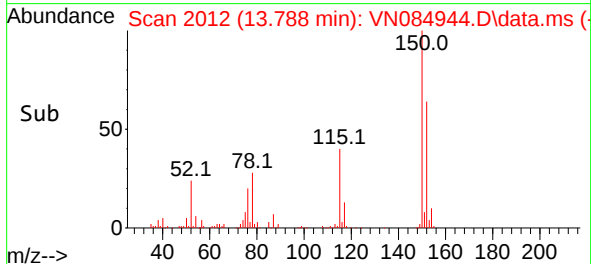
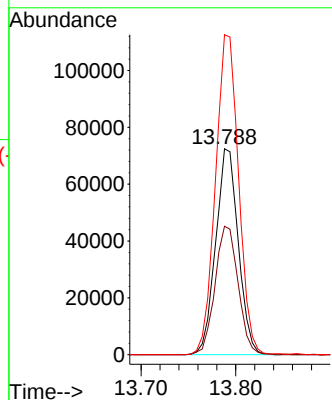
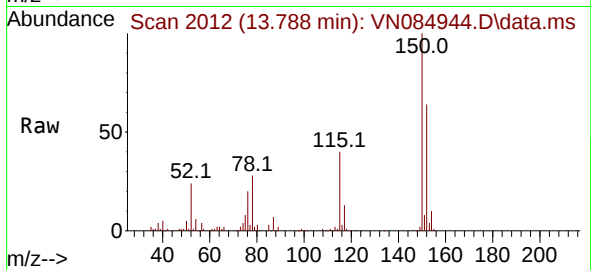




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN084944.D
 Acq: 19 Nov 2024 14:05

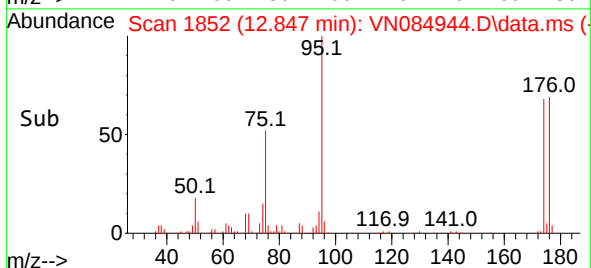
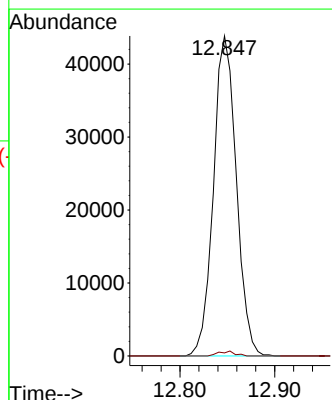
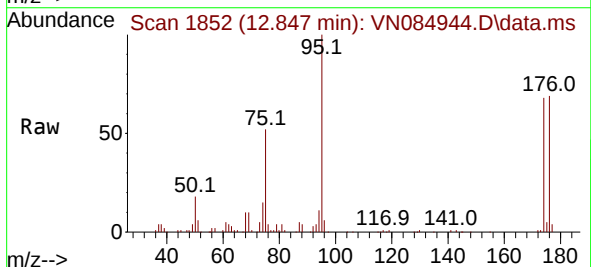
Instrument :
 MSVOA_N
 ClientSampleId :

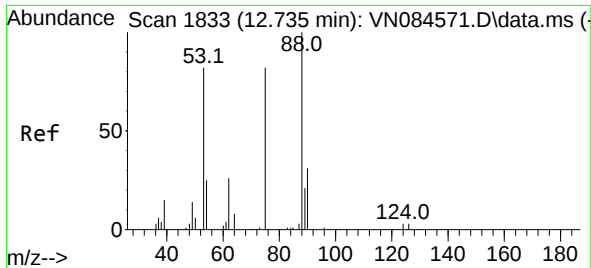
Tgt Ion:152 Resp: 120391
 Ion Ratio Lower Upper
 152 100
 115 63.7 31.3 93.9
 150 158.8 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 30.614 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084944.D
 Acq: 19 Nov 2024 14:05

Tgt Ion: 75 Resp: 73674
 Ion Ratio Lower Upper
 75 100
 77 1.1 96.9 290.7#

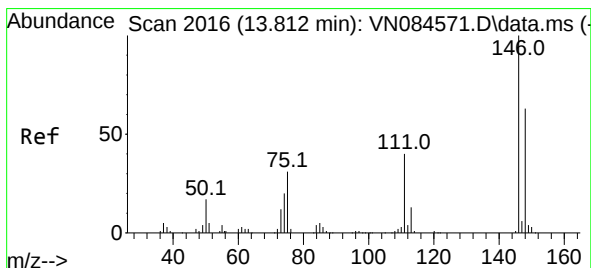
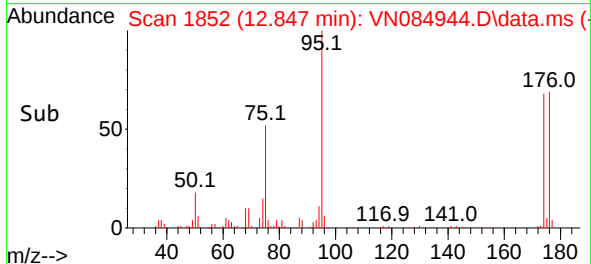
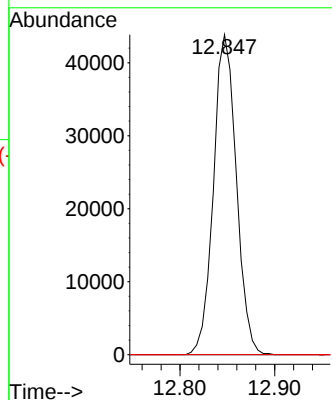
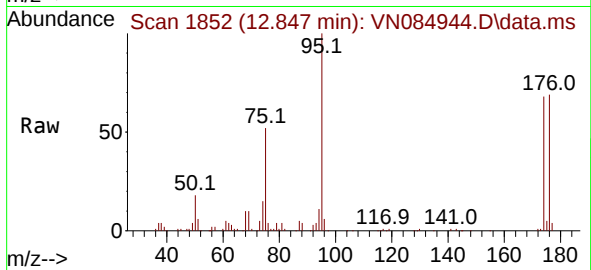




#81
trans-1,4-Dichloro-2-butene
Concen: 72.628 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN084944.D
Acq: 19 Nov 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 73674
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN084944.D
Acq: 19 Nov 2024 14:05

Tgt Ion:146 Resp: 481
Ion Ratio Lower Upper
146 100
111 378.2 21.2 63.6#
148 144.7 31.9 95.9#

