

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090324\
 Data File : VN083631.D
 Acq On : 03 Sep 2024 17:57
 Operator : JC\MD
 Sample : P3799-09RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 04 03:00:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

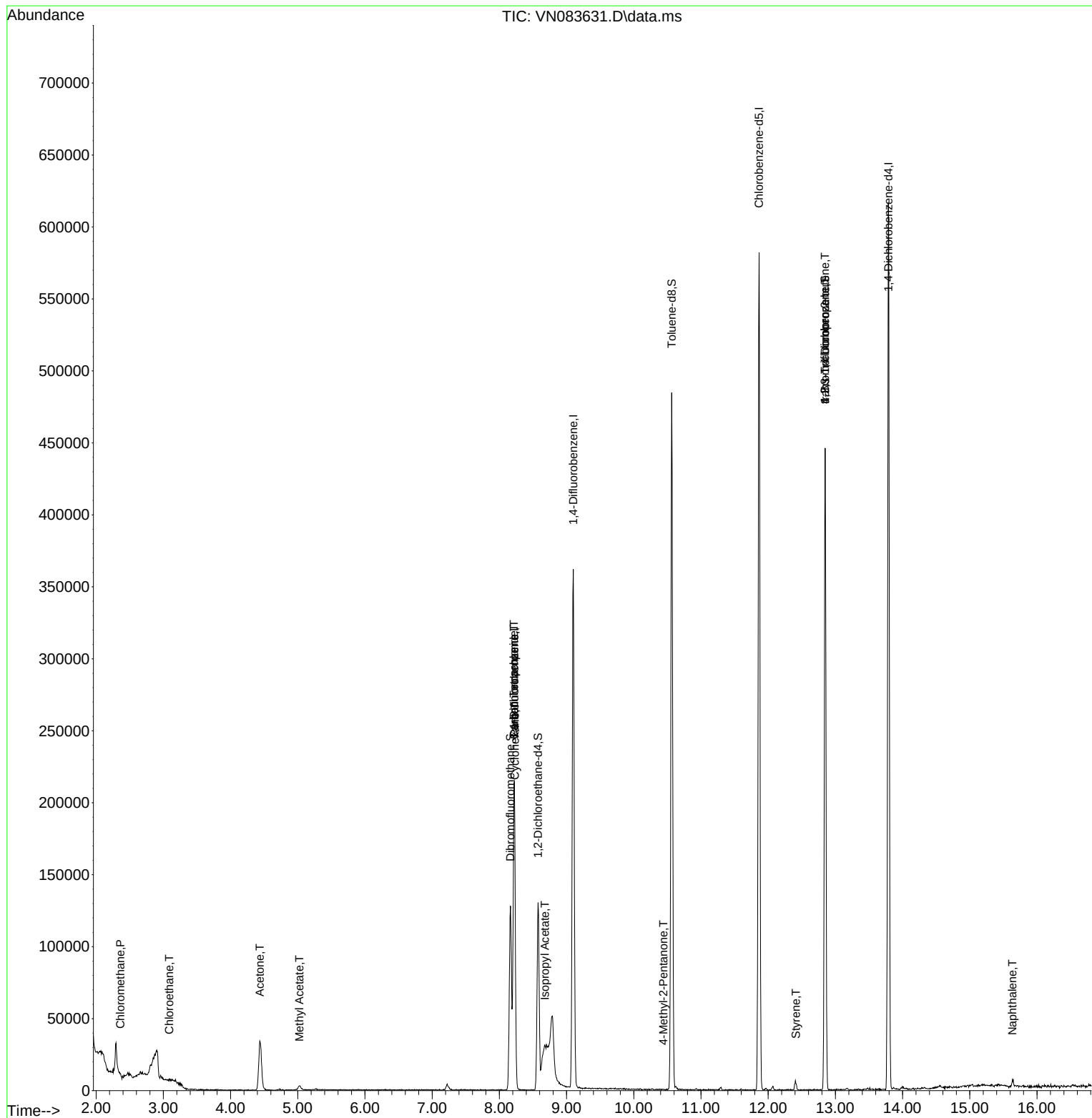
Internal Standards						
1) Pentafluorobenzene	8.224	168	147909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	301724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	322062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	158389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110010	53.218	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.440%	
35) Dibromofluoromethane	8.165	113	89966	49.540	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.080%	
50) Toluene-d8	10.565	98	324576	45.940	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.880%	
62) 4-Bromofluorobenzene	12.847	95	156165	59.611	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 119.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	758	0.416	ug/l #	81
6) Chloroethane	3.089	64	871	0.730	ug/l #	45
16) Acetone	4.436	43	3687	4.473	ug/l #	75
18) Methyl Acetate	5.024	43	6049	2.759	ug/l	91
31) Cyclohexane	8.230	56	3900	1.220	ug/l #	39
36) 1,1-Dichloropropene	8.218	75	13520	4.881	ug/l #	51
38) Carbon Tetrachloride	8.218	117	17123	5.418	ug/l #	16
43) Isopropyl Acetate	8.677	43	44027	6.942	ug/l #	58
51) 4-Methyl-2-Pentanone	10.441	43	569	0.222	ug/l #	36
70) Styrene	12.412	104	2524	0.320	ug/l	92
76) 1,2,3-Trichloropropane	12.847	75	85662	26.787	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	85662	63.180	ug/l #	9
95) Naphthalene	15.635	128	4749	0.464	ug/l #	89

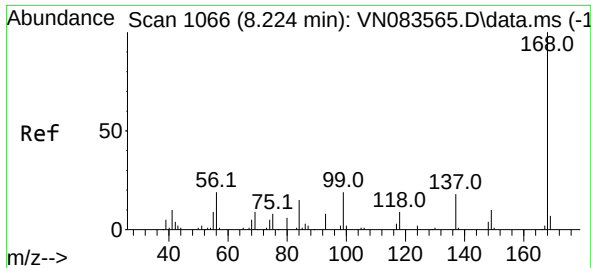
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083631\
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Quant Time: Sep 04 03:00:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration

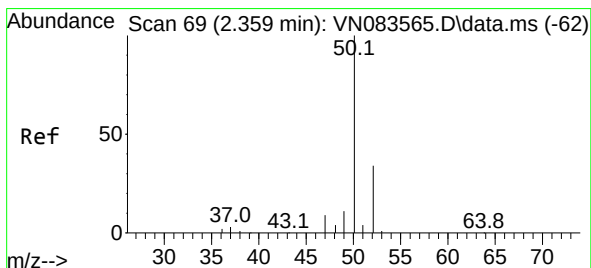
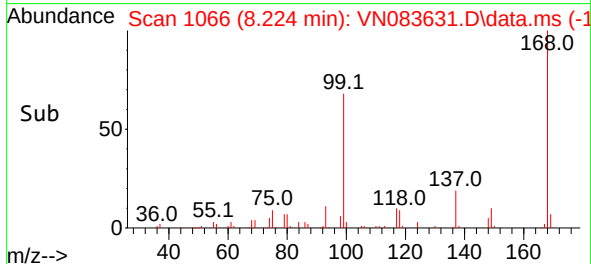
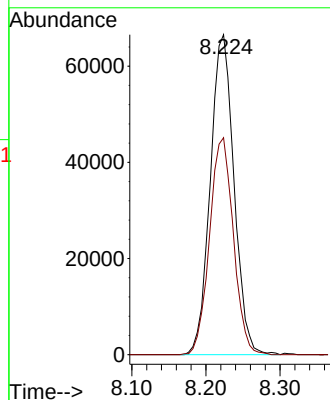
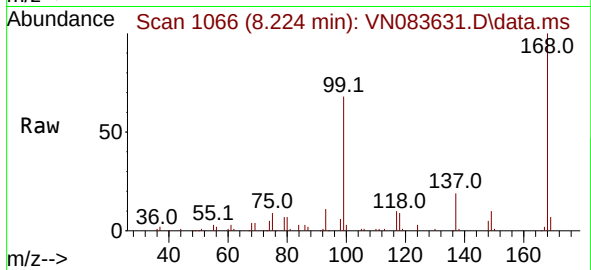




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083631.D
Acq: 03 Sep 2024 17:57

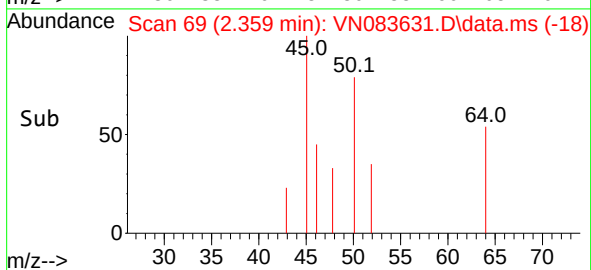
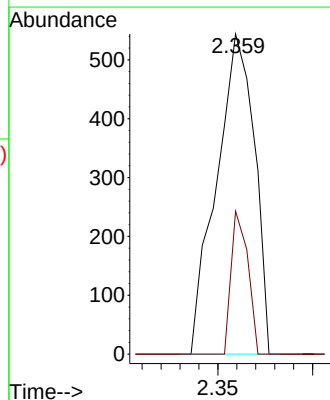
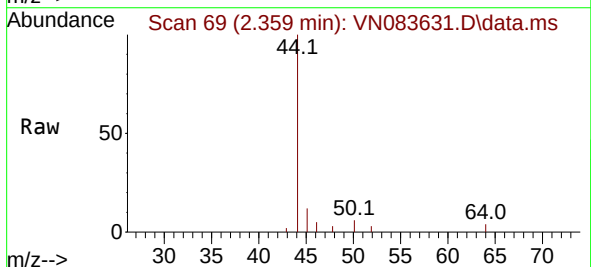
Instrument :
MSVOA_N
ClientSampleId :

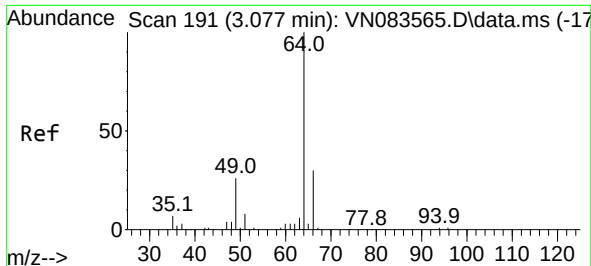
Tgt Ion:168 Resp: 147909
Ion Ratio Lower Upper
168 100
99 67.8 54.2 81.2



#3
Chloromethane
Concen: 0.416 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083631.D
Acq: 03 Sep 2024 17:57

Tgt Ion: 50 Resp: 758
Ion Ratio Lower Upper
50 100
52 44.7 27.2 40.8#

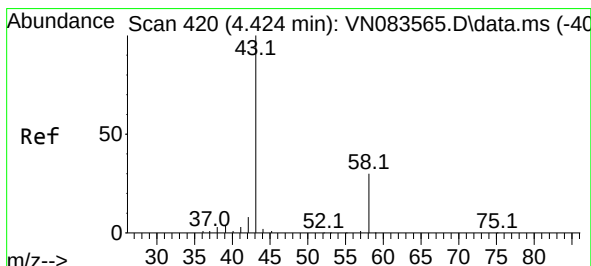
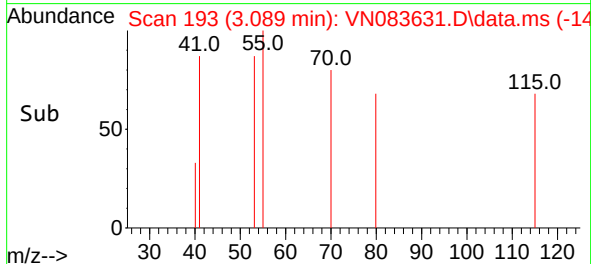
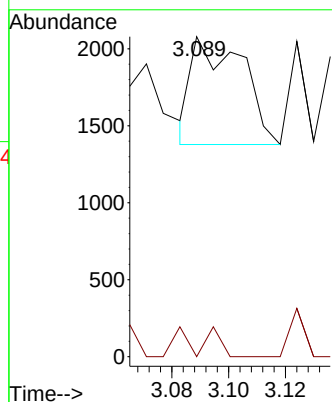
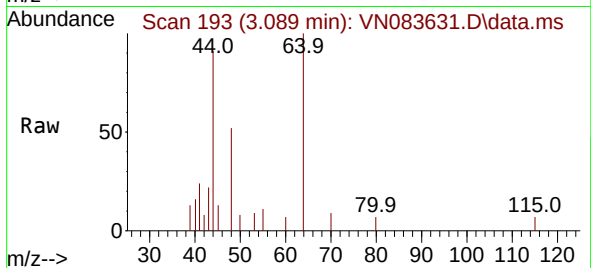




#6
Chloroethane
Concen: 0.730 ug/l
RT: 3.089 min Scan# 191
Delta R.T. 0.012 min
Lab File: VN083631.D
Acq: 03 Sep 2024 17:57

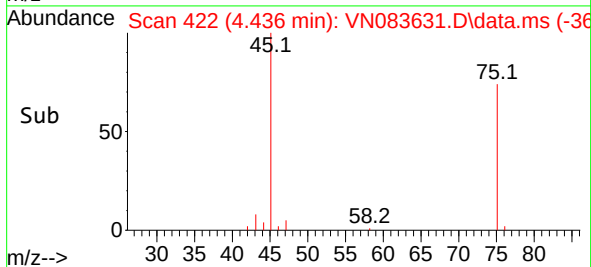
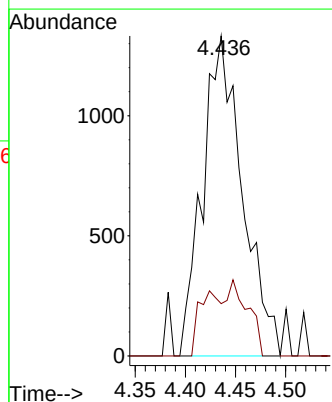
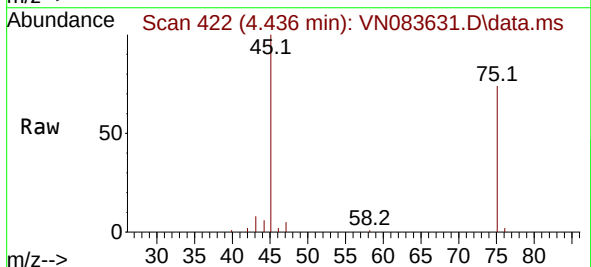
Instrument :
MSVOA_N
ClientSampleId :

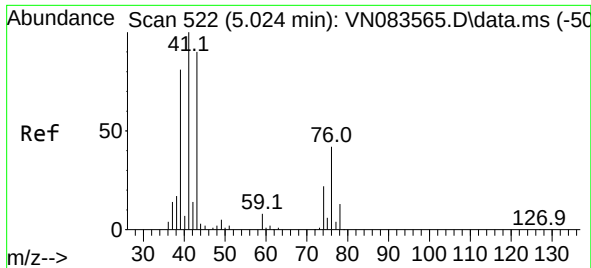
Tgt Ion: 64 Resp: 871
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#



#16
Acetone
Concen: 4.473 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN083631.D
Acq: 03 Sep 2024 17:57

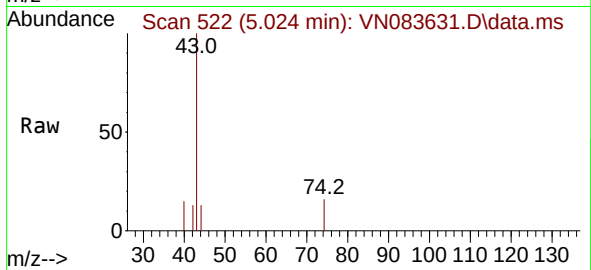
Tgt Ion: 43 Resp: 3687
Ion Ratio Lower Upper
43 100
58 16.4 23.7 35.5#



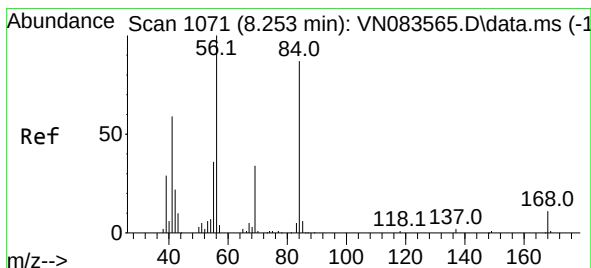
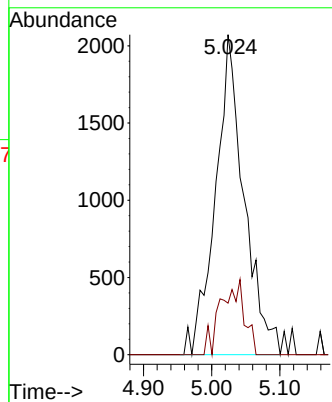
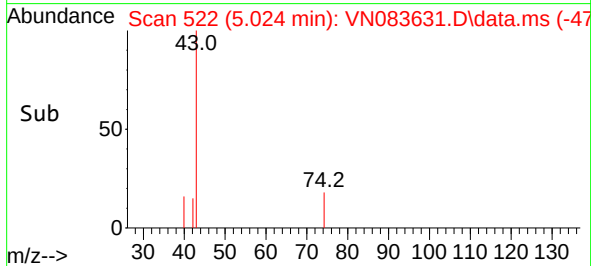


#18
Methyl Acetate
Concen: 2.759 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083631.D
Acq: 03 Sep 2024 17:57

Instrument :
MSVOA_N
ClientSampleId :

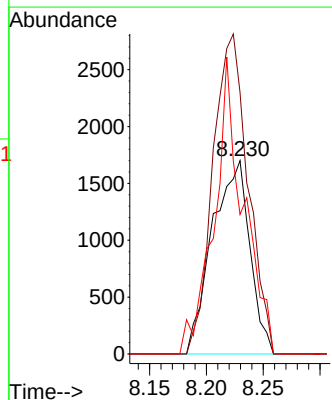
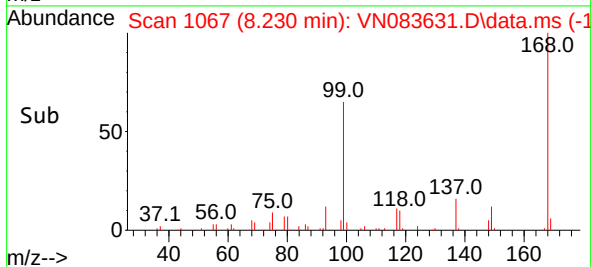
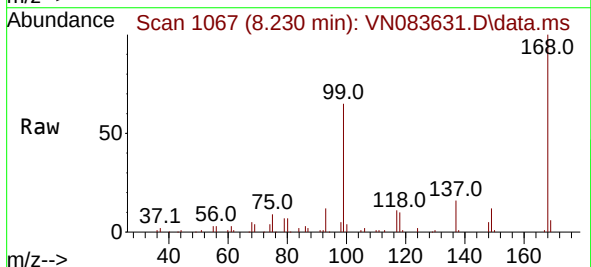


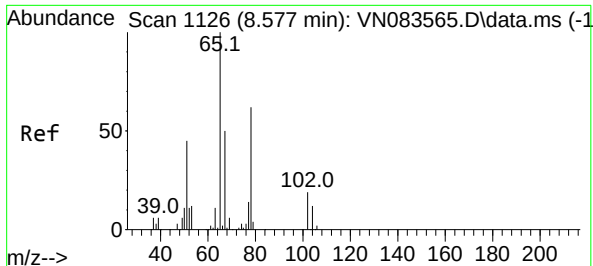
Tgt Ion: 43 Resp: 6049
Ion Ratio Lower Upper
43 100
74 19.4 19.0 28.4



#31
Cyclohexane
Concen: 1.220 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN083631.D
Acq: 03 Sep 2024 17:57

Tgt Ion: 56 Resp: 3900
Ion Ratio Lower Upper
56 100
69 135.2 26.9 40.3#
84 72.2 69.2 103.8





#33

1,2-Dichloroethane-d4

Concen: 53.218 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083631.D

Acq: 03 Sep 2024 17:57

Instrument :

MSVOA_N

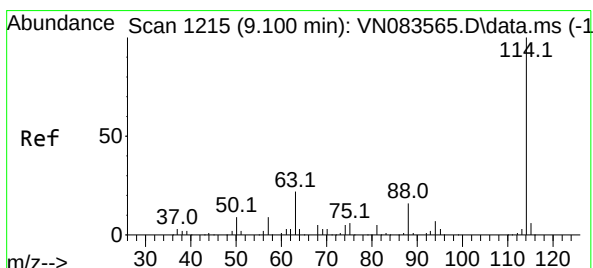
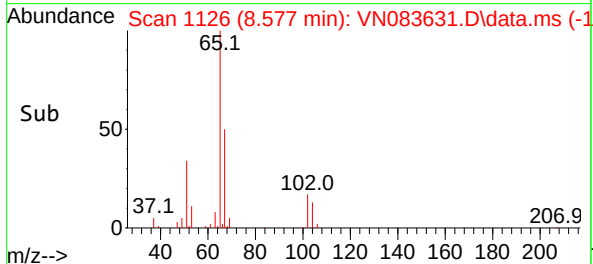
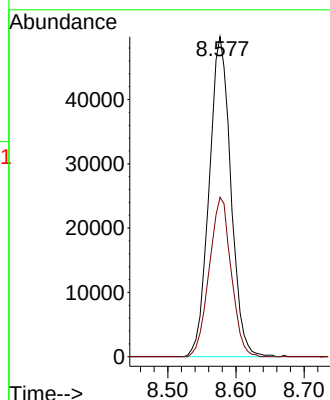
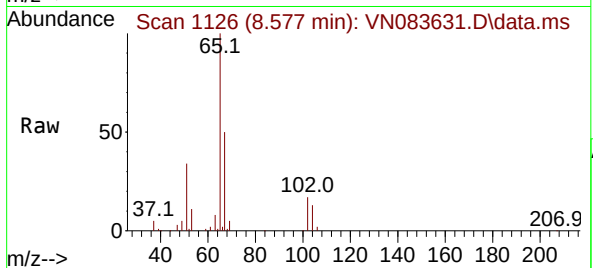
ClientSampleId :

Tgt Ion: 65 Resp: 110010

Ion Ratio Lower Upper

65 100

67 50.4 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083631.D

Acq: 03 Sep 2024 17:57

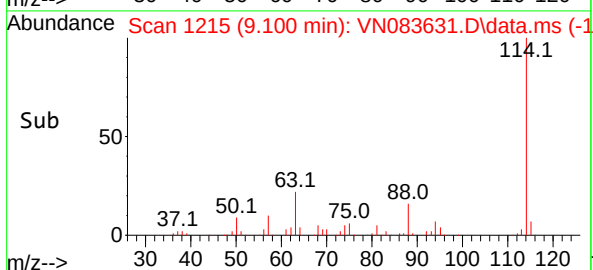
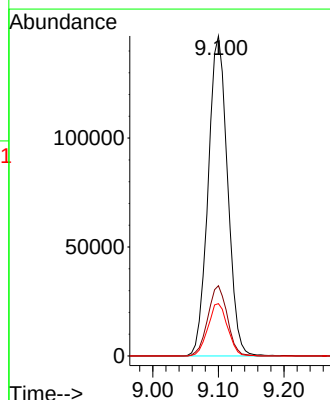
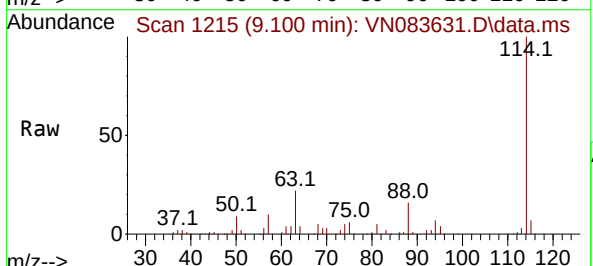
Tgt Ion: 114 Resp: 301724

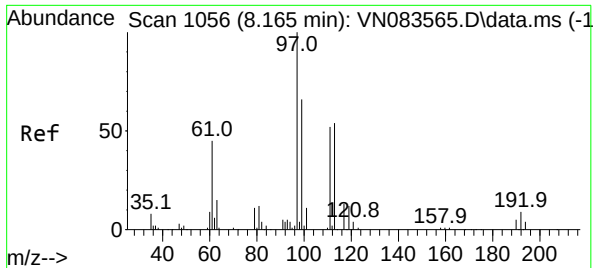
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

88 16.4 0.0 32.6

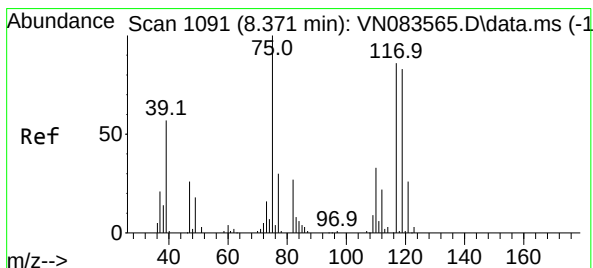
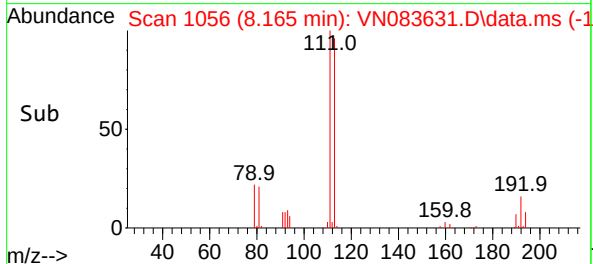
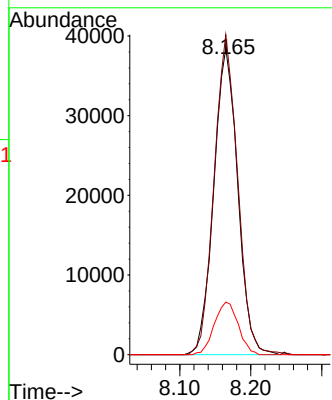
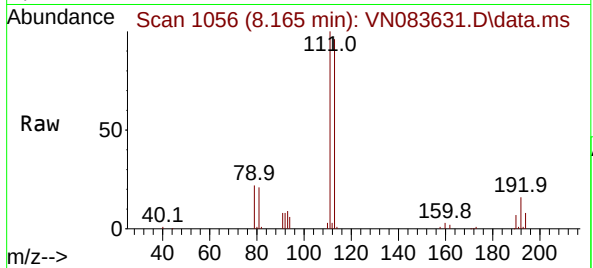




#35
Dibromofluoromethane
Concen: 49.540 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083631.D
Acq: 03 Sep 2024 17:57

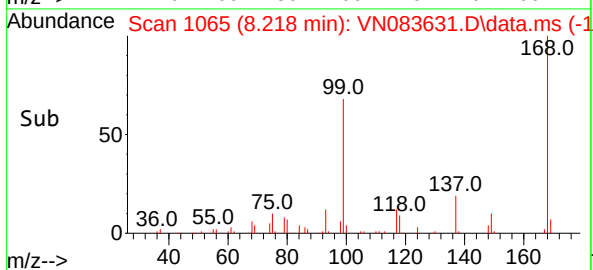
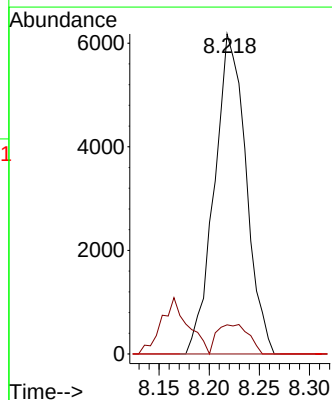
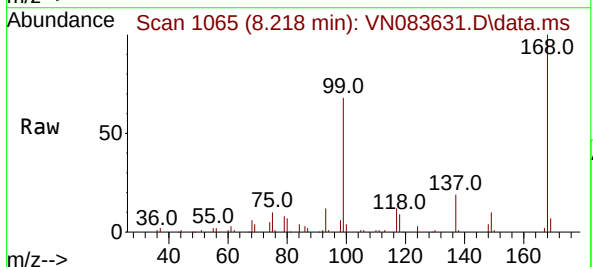
Instrument :
MSVOA_N
ClientSampleId :

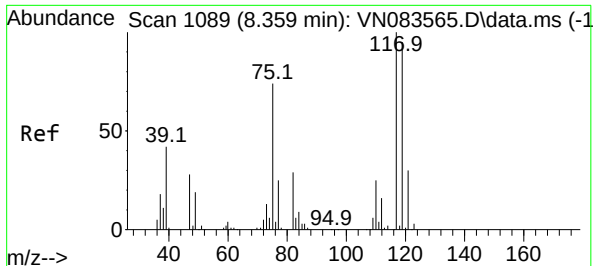
Tgt Ion:113 Resp: 89966
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 17.1 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.881 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083631.D
Acq: 03 Sep 2024 17:57

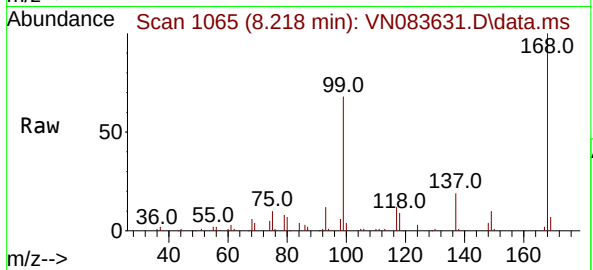
Tgt Ion: 75 Resp: 13520
Ion Ratio Lower Upper
75 100
110 9.3 16.7 50.1#
77 0.0 25.2 37.8#



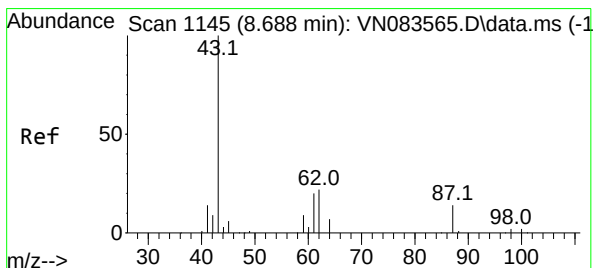
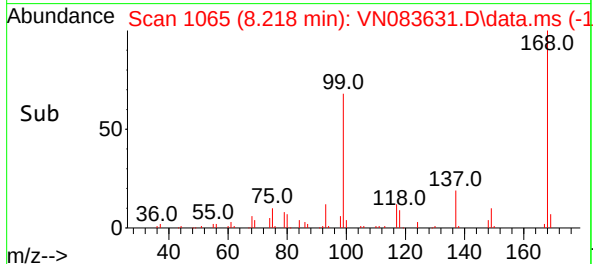
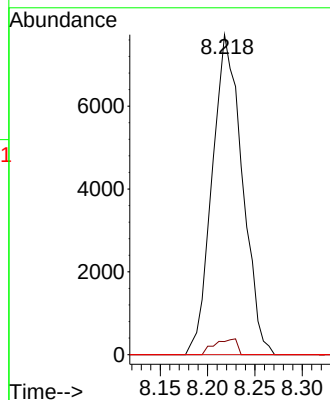


#38
Carbon Tetrachloride
Concen: 5.418 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083631.D
Acq: 03 Sep 2024 17:57

Instrument :
MSVOA_N
ClientSampleId :

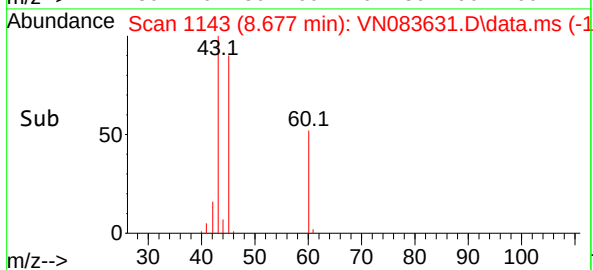
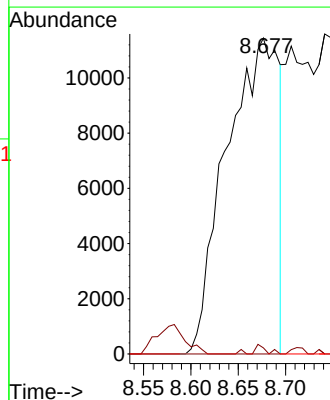
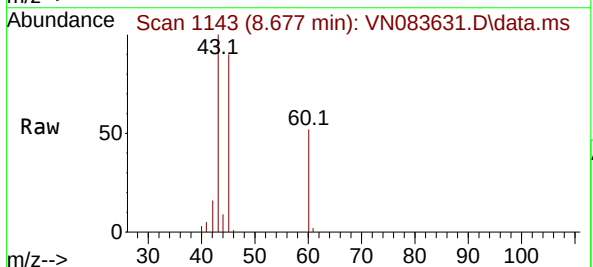


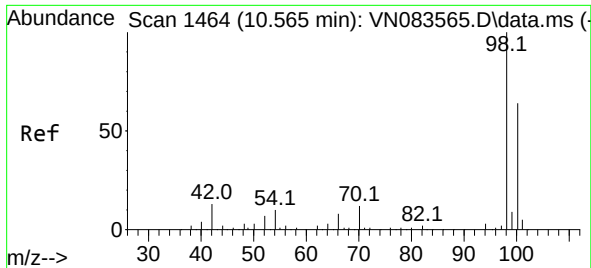
Tgt Ion: 117 Resp: 17123
Ion Ratio Lower Upper
117 100
119 4.1 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 6.942 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.011 min
Lab File: VN083631.D
Acq: 03 Sep 2024 17:57

Tgt Ion: 43 Resp: 44027
Ion Ratio Lower Upper
43 100
61 0.6 19.4 29.0#
87 0.0 9.8 14.6#

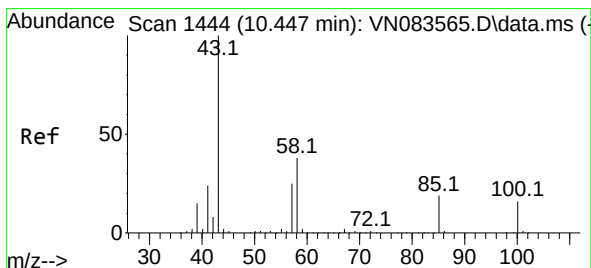
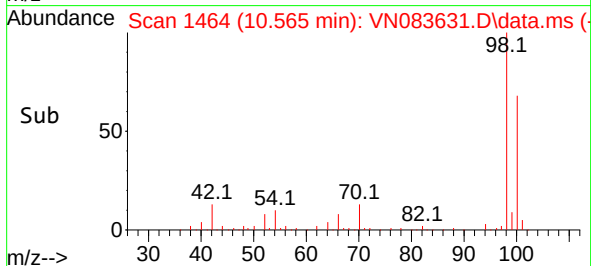
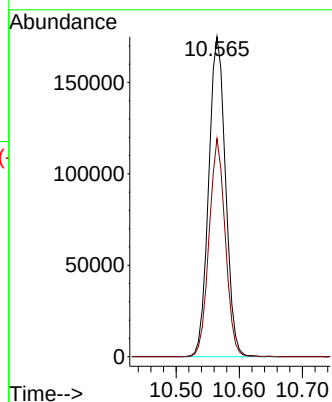
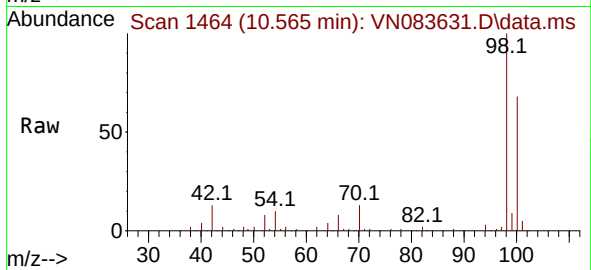




#50
Toluene-d8
Concen: 45.940 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083631.D
Acq: 03 Sep 2024 17:57

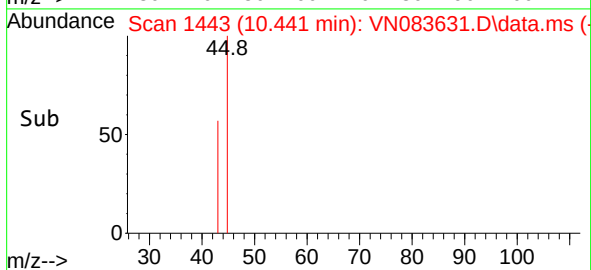
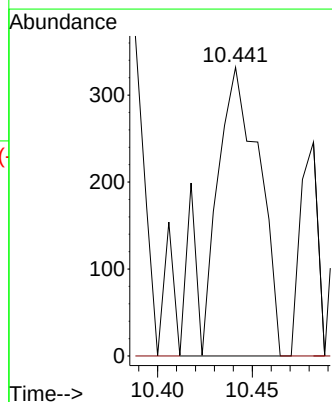
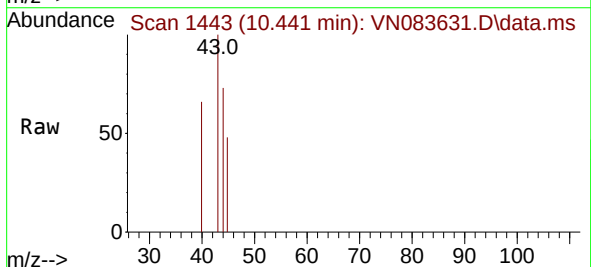
Instrument :
MSVOA_N
ClientSampleId :

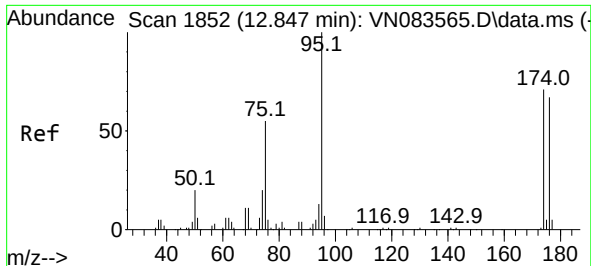
Tgt Ion: 98 Resp: 324576
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.222 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN083631.D
Acq: 03 Sep 2024 17:57

Tgt Ion: 43 Resp: 569
Ion Ratio Lower Upper
43 100
58 0.0 31.6 47.4#

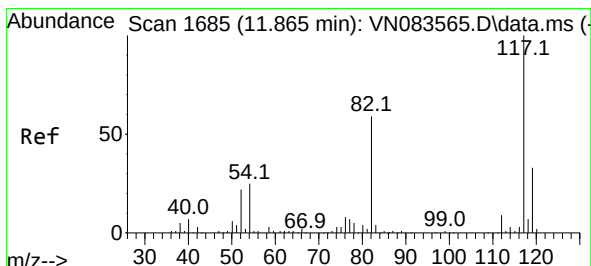
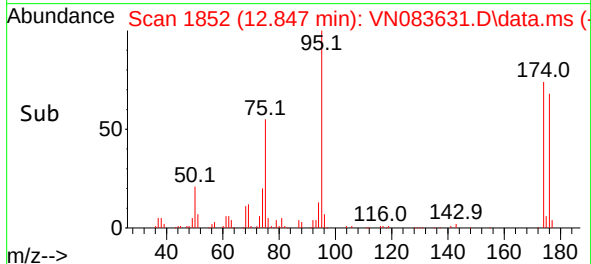
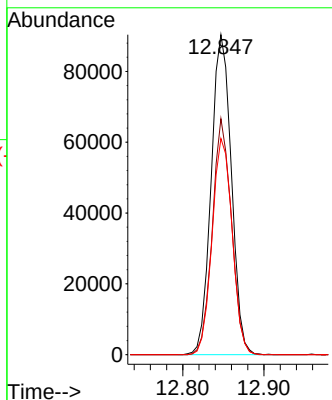
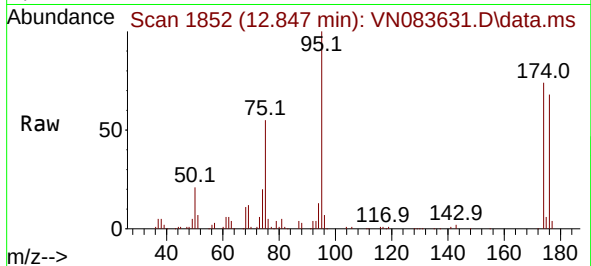




#62
4-Bromofluorobenzene
Concen: 59.611 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083631.D
Acq: 03 Sep 2024 17:57

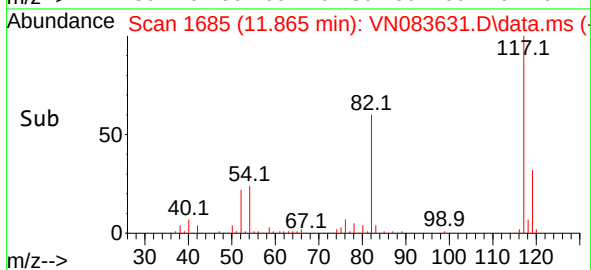
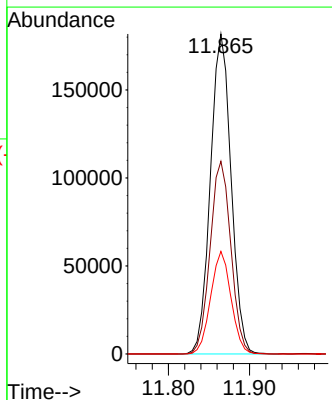
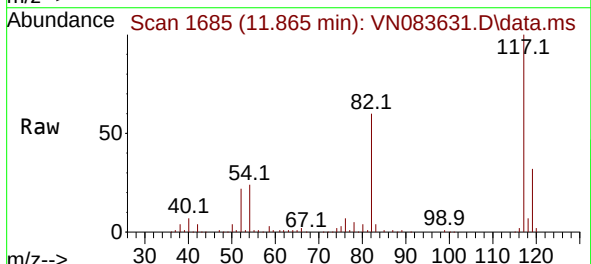
Instrument :
MSVOA_N
ClientSampleId :

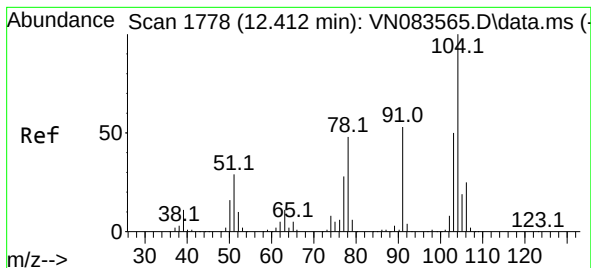
Tgt Ion: 95 Resp: 156165
Ion Ratio Lower Upper
95 100
174 70.1 0.0 139.8
176 67.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083631.D
Acq: 03 Sep 2024 17:57

Tgt Ion: 117 Resp: 322062
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.0
119 32.0 26.3 39.5





#70

Styrene

Concen: 0.320 ug/l

RT: 12.412 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083631.D

Acq: 03 Sep 2024 17:57

Instrument :

MSVOA_N

ClientSampleId :

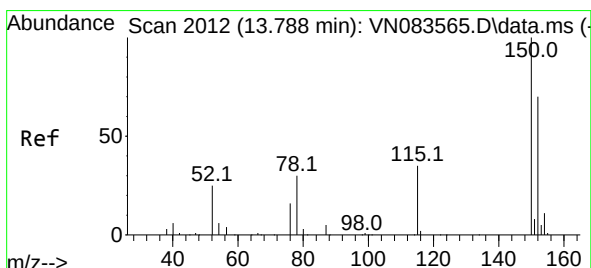
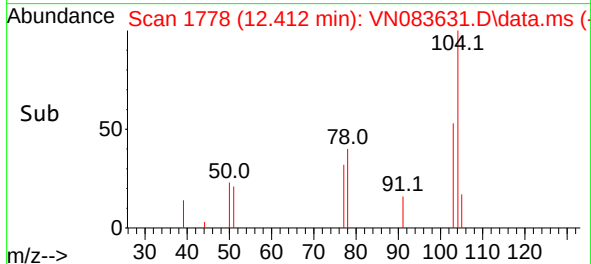
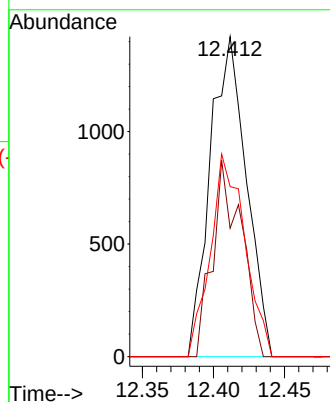
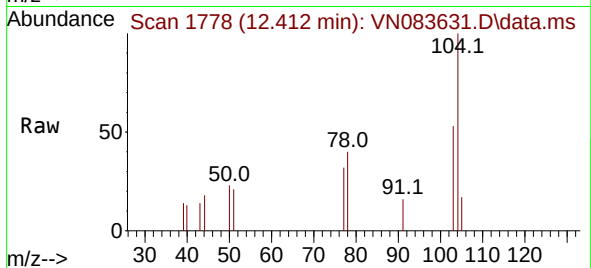
Tgt Ion:104 Resp: 2524

Ion Ratio Lower Upper

104 100

78 48.9 43.3 64.9

103 59.9 43.4 65.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN083631.D

Acq: 03 Sep 2024 17:57

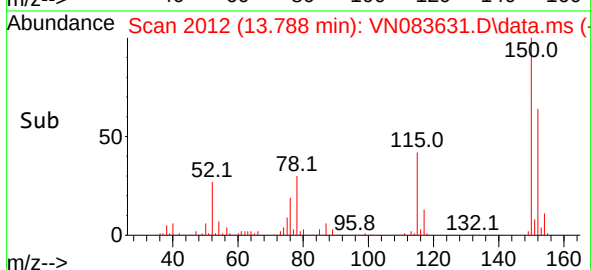
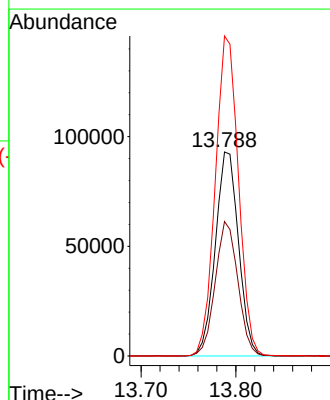
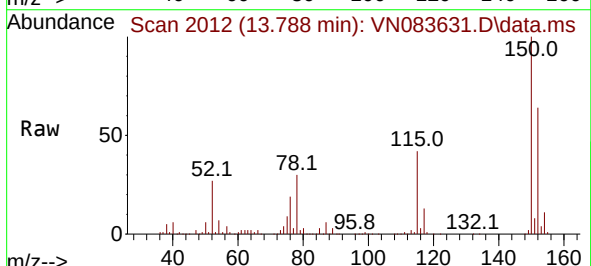
Tgt Ion:152 Resp: 158389

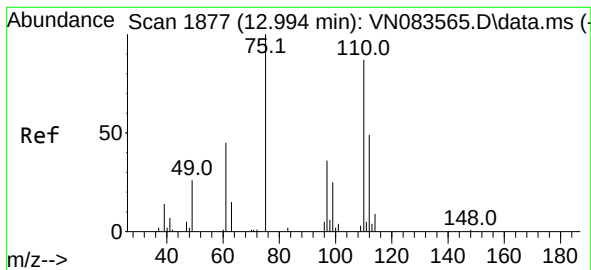
Ion Ratio Lower Upper

152 100

115 64.7 32.2 96.6

150 156.8 0.0 348.6

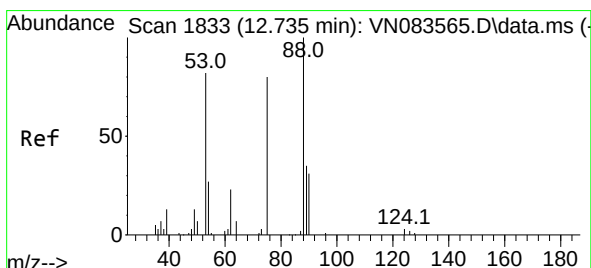
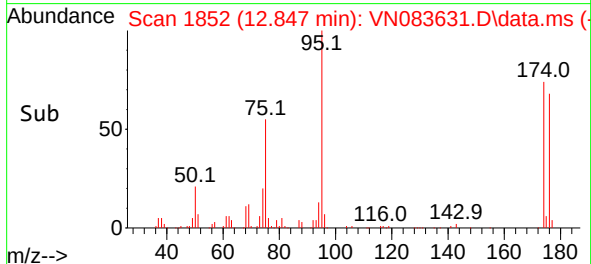
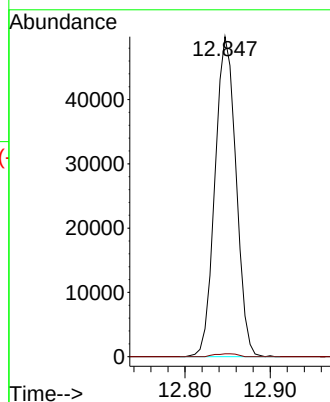
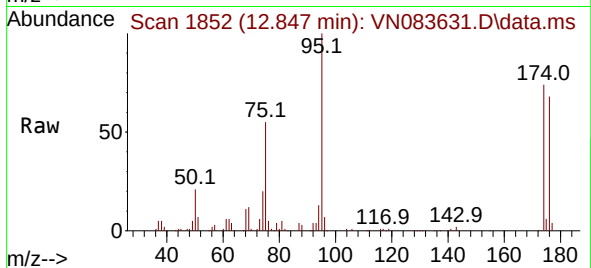




#76
1,2,3-Trichloropropane
Concen: 26.787 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083631.D
Acq: 03 Sep 2024 17:57

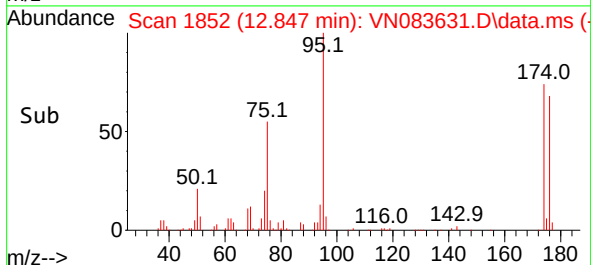
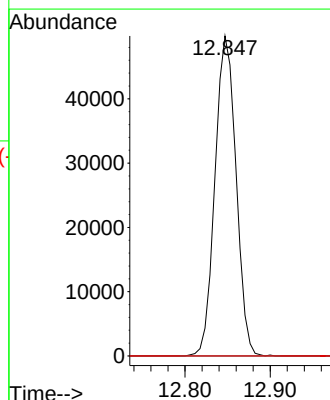
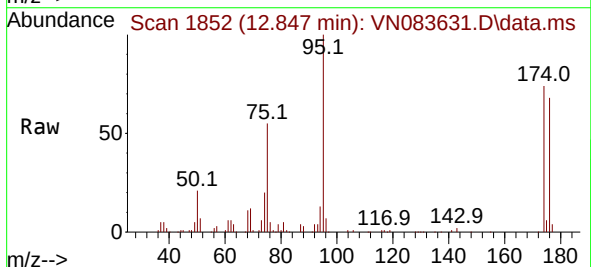
Instrument :
MSVOA_N
ClientSampleId :

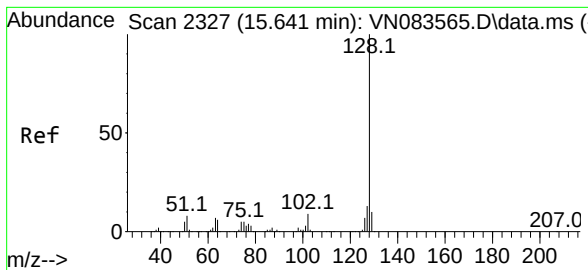
Tgt Ion: 75 Resp: 85662
Ion Ratio Lower Upper
75 100
77 1.0 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.180 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083631.D
Acq: 03 Sep 2024 17:57

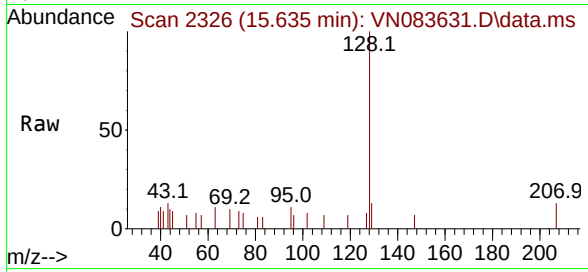
Tgt Ion: 75 Resp: 85662
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 0.464 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN083631.D
Acq: 03 Sep 2024 17:57

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	4749
Ion	Ratio	Lower	Upper
128	100		
127	5.2	10.2	15.2#
129	11.9	8.7	13.1

