

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
 Data File : VN083661.D
 Acq On : 04 Sep 2024 19:54
 Operator : JC\MD
 Sample : P3802-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 05 02:32:18 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)

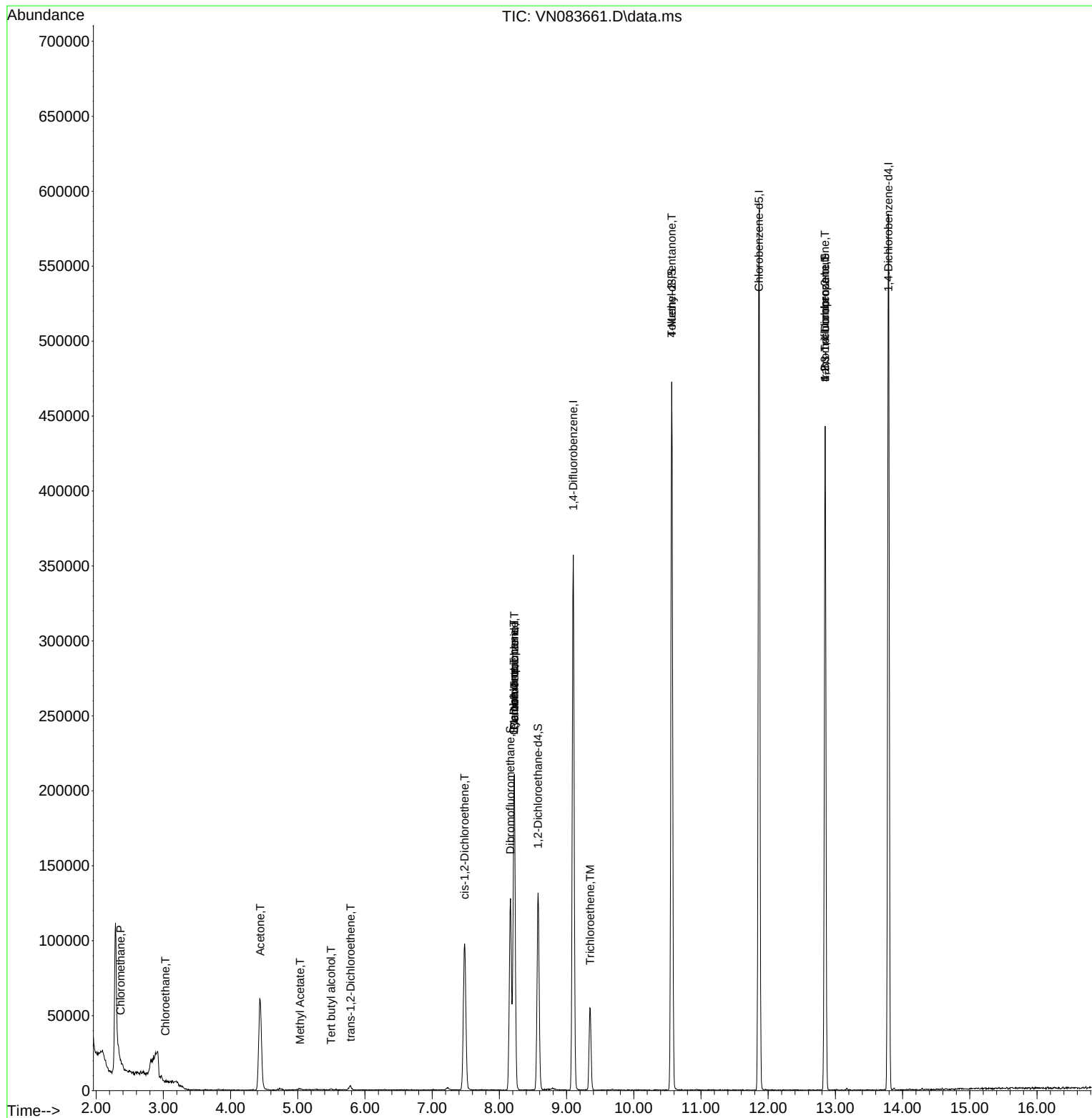
Internal Standards						
1) Pentafluorobenzene	8.224	168	143882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	292673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	317002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	152334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109545	54.476	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.960%	
35) Dibromofluoromethane	8.165	113	87526	49.687	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.380%	
50) Toluene-d8	10.565	98	319181	46.557	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.120%	
62) 4-Bromofluorobenzene	12.847	95	152328	59.945	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 119.880%	
Target Compounds						Qvalue
3) Chloromethane	2.365	50	1251	0.705	ug/l #	41
6) Chloroethane	3.030	64	622	0.536	ug/l #	45
11) Tert butyl alcohol	5.494	59	181	0.577	ug/l #	71
16) Acetone	4.442	43	1785	2.226	ug/l #	87
18) Methyl Acetate	5.036	43	1931	0.905	ug/l #	63
21) trans-1,2-Dichloroethene	5.789	96	1784	1.087	ug/l #	84
27) cis-1,2-Dichloroethene	7.483	96	57589	29.393	ug/l	90
31) Cyclohexane	8.218	56	3694	1.188	ug/l #	17
36) 1,1-Dichloropropene	8.218	75	13276	4.941	ug/l #	50
38) Carbon Tetrachloride	8.224	117	16761	5.467	ug/l #	17
43) Isopropyl Acetate	8.694	43	187	Below Cal	#	57
44) Trichloroethene	9.353	130	19069	9.591	ug/l	95
51) 4-Methyl-2-Pentanone	10.565	43	1549	0.623	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	83537	27.161	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	83537	64.062	ug/l #	9

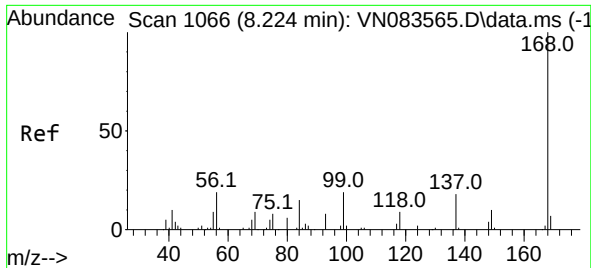
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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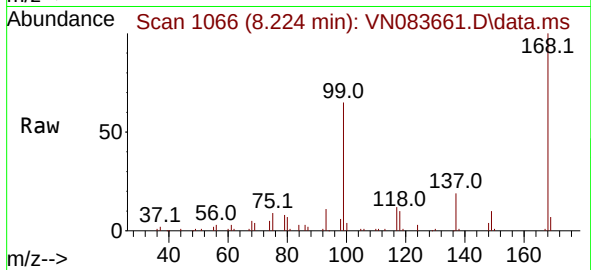
Quant Time: Sep 05 02:32:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration



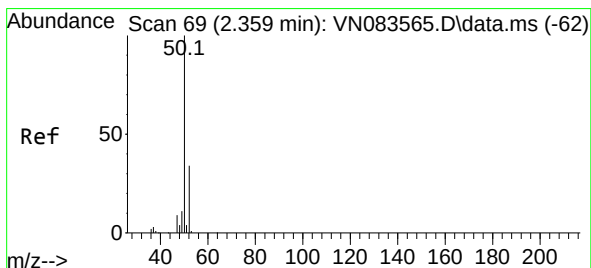
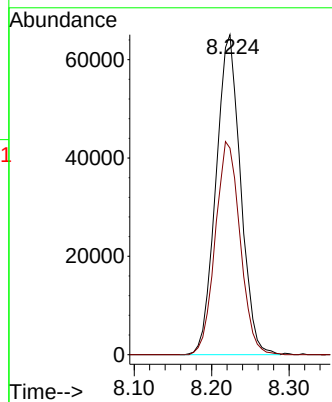
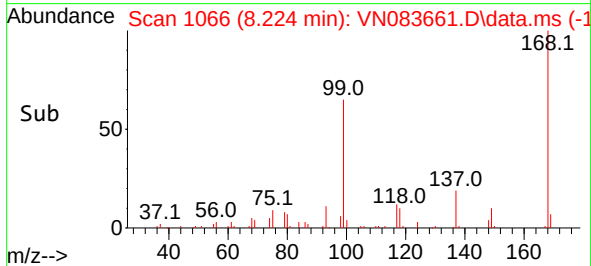


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083661.D
Acq: 04 Sep 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :

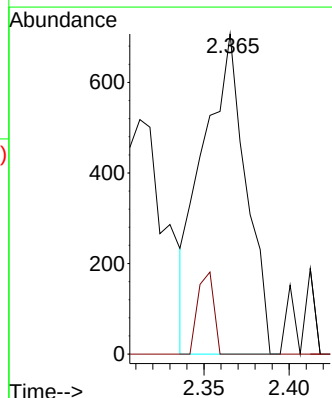
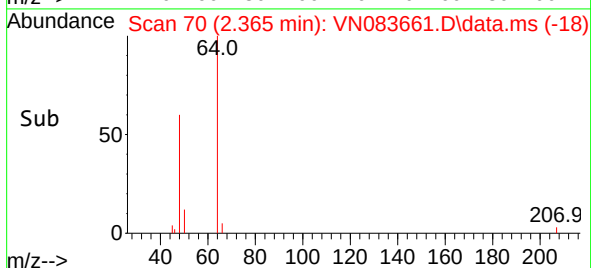
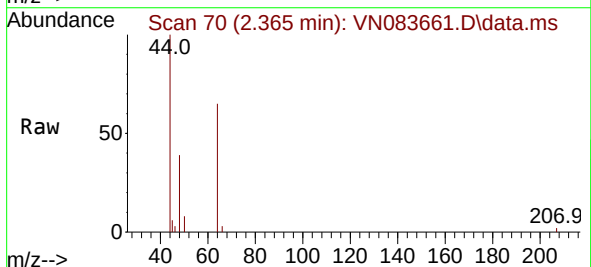


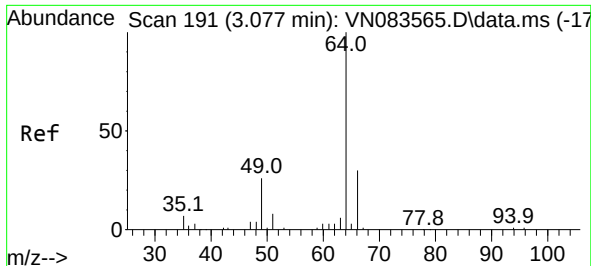
Tgt Ion:168 Resp: 143882
Ion Ratio Lower Upper
168 100
99 64.5 54.2 81.2



#3
Chloromethane
Concen: 0.705 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083661.D
Acq: 04 Sep 2024 19:54

Tgt Ion: 50 Resp: 1251
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

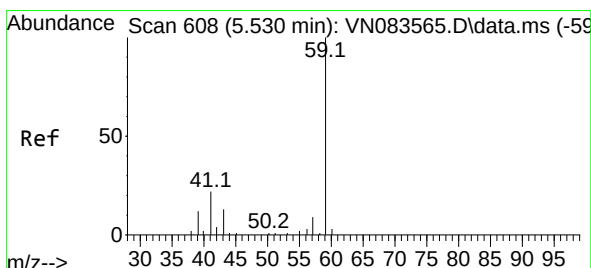
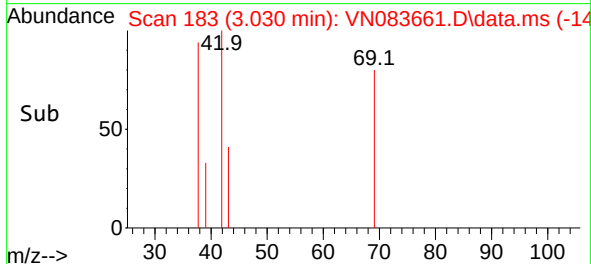
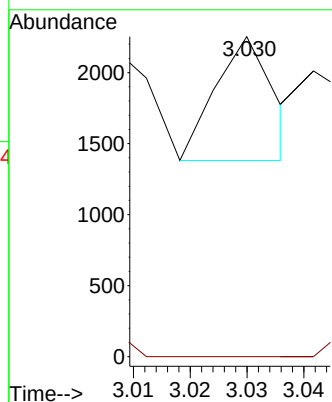
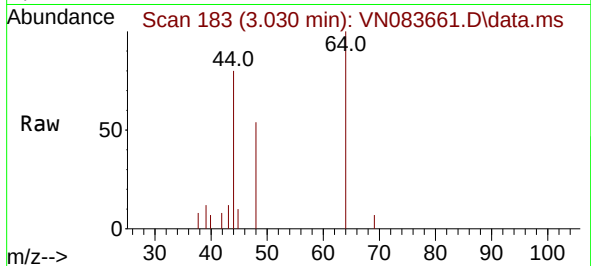




#6
Chloroethane
Concen: 0.536 ug/l
RT: 3.030 min Scan# 11
Delta R.T. -0.047 min
Lab File: VN083661.D
Acq: 04 Sep 2024 19:54

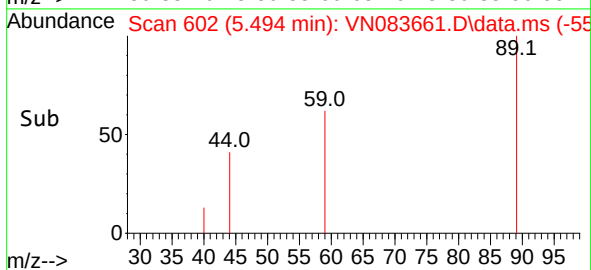
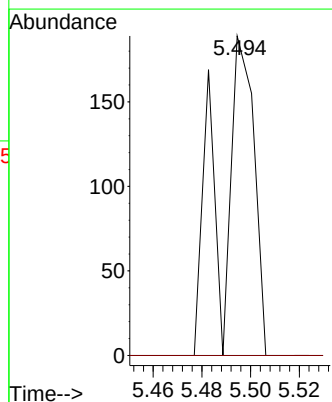
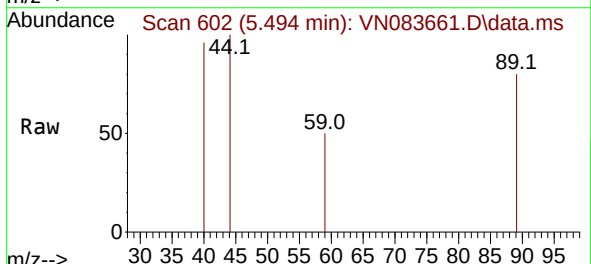
Instrument :
MSVOA_N
ClientSampleId :

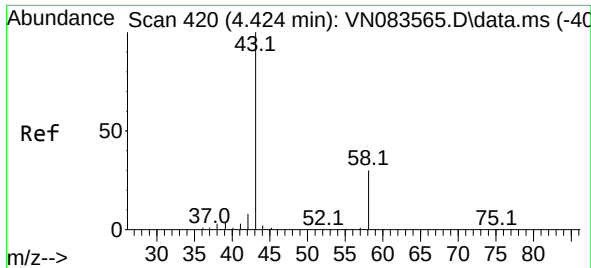
Tgt Ion: 64 Resp: 622
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#



#11
Tert butyl alcohol
Concen: 0.577 ug/l
RT: 5.494 min Scan# 602
Delta R.T. -0.035 min
Lab File: VN083661.D
Acq: 04 Sep 2024 19:54

Tgt Ion: 59 Resp: 181
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

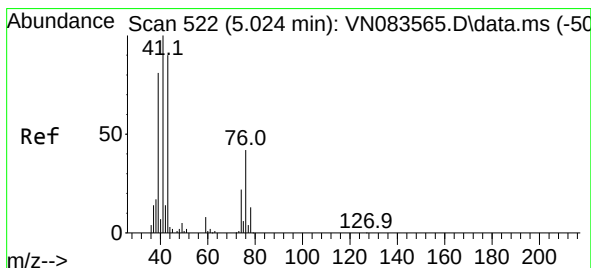
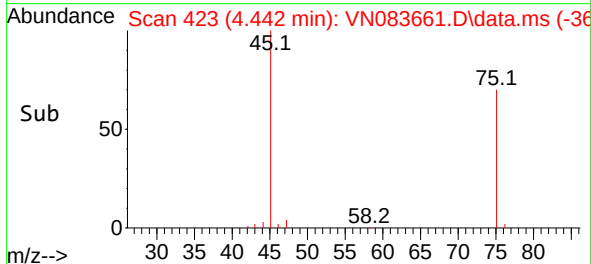
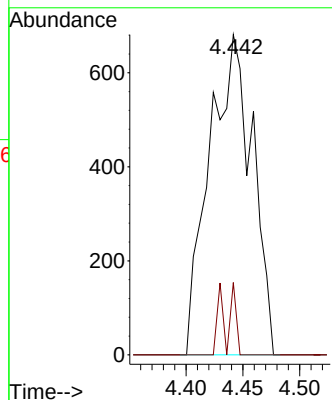
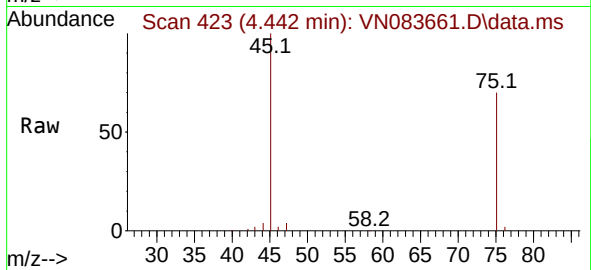




#16
Acetone
Concen: 2.226 ug/l
RT: 4.442 min Scan# 431
Delta R.T. 0.018 min
Lab File: VN083661.D
Acq: 04 Sep 2024 19:54

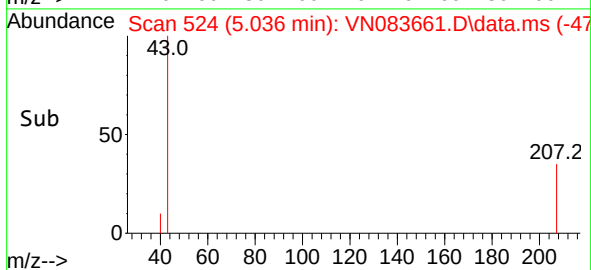
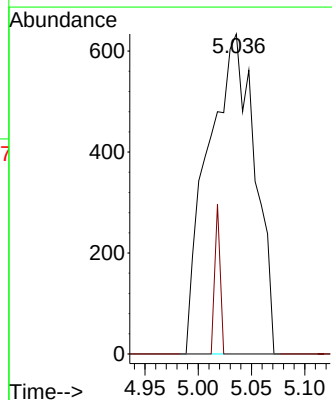
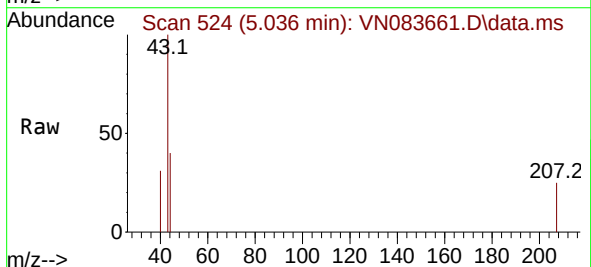
Instrument :
MSVOA_N
ClientSampleId :

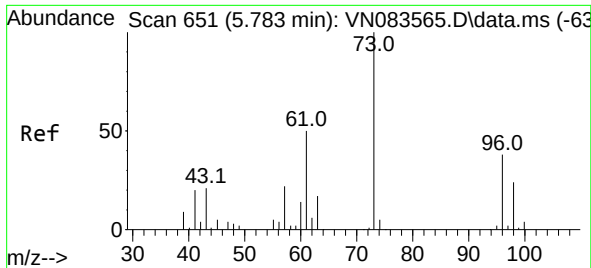
Tgt Ion: 43 Resp: 1785
Ion Ratio Lower Upper
43 100
58 22.6 23.7 35.5#



#18
Methyl Acetate
Concen: 0.905 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN083661.D
Acq: 04 Sep 2024 19:54

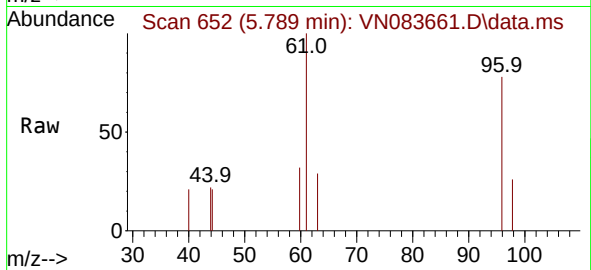
Tgt Ion: 43 Resp: 1931
Ion Ratio Lower Upper
43 100
74 5.4 19.0 28.4#





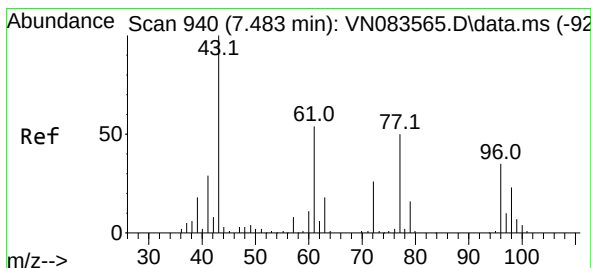
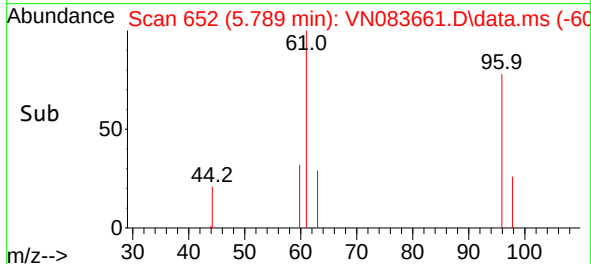
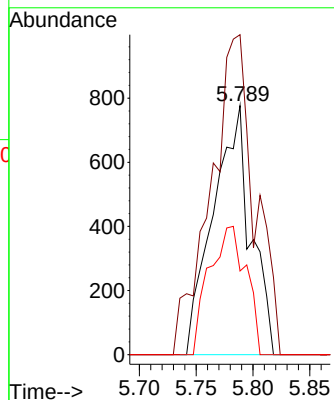
#21
trans-1,2-Dichloroethene
Concen: 1.087 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083661.D
Acq: 04 Sep 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 96 Resp: 1784

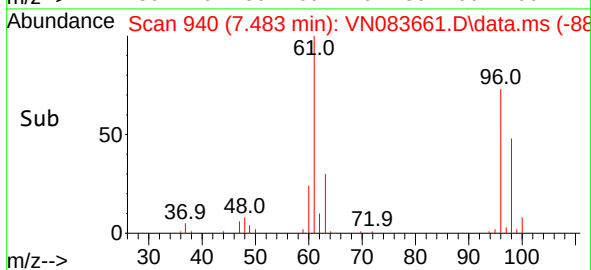
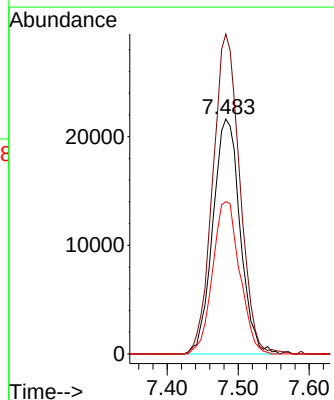
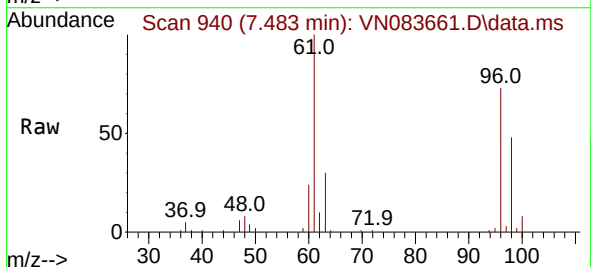
Ion	Ratio	Lower	Upper
96	100		
61	128.4	106.0	159.0
98	33.6	52.2	78.2#

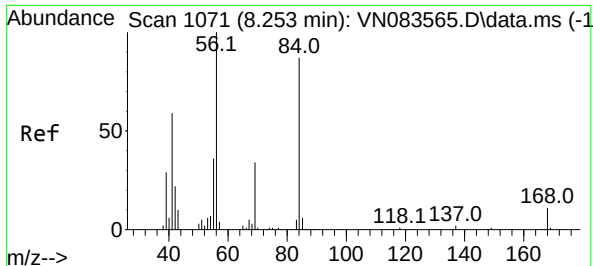


#27
cis-1,2-Dichloroethene
Concen: 29.393 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083661.D
Acq: 04 Sep 2024 19:54

Tgt Ion: 96 Resp: 57589

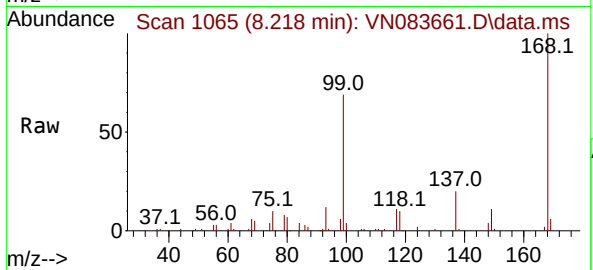
Ion	Ratio	Lower	Upper
96	100		
61	134.8	0.0	306.2
98	64.4	0.0	128.6



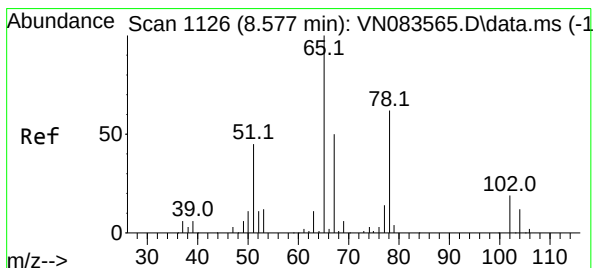
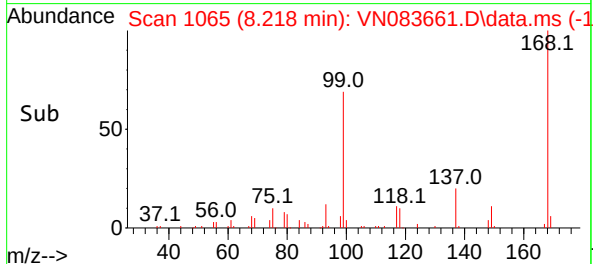
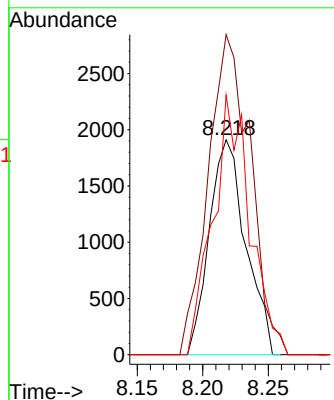


#31
Cyclohexane
Concen: 1.188 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083661.D
Acq: 04 Sep 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :

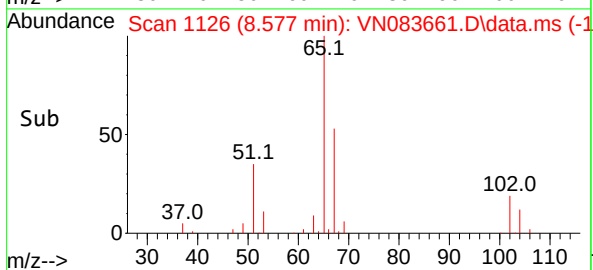
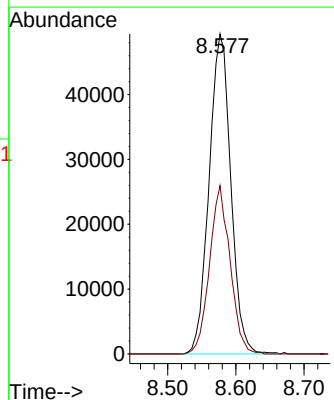
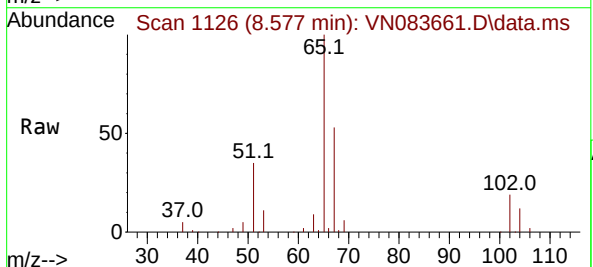


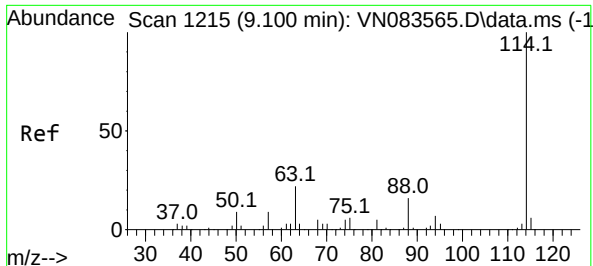
Tgt Ion: 56 Resp: 3694
Ion Ratio Lower Upper
56 100
69 149.0 26.9 40.3#
84 120.8 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 54.476 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083661.D
Acq: 04 Sep 2024 19:54

Tgt Ion: 65 Resp: 109545
Ion Ratio Lower Upper
65 100
67 49.7 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083661.D

Acq: 04 Sep 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

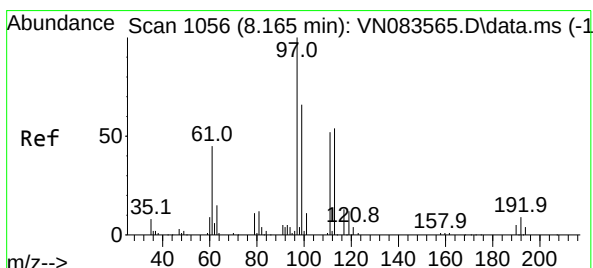
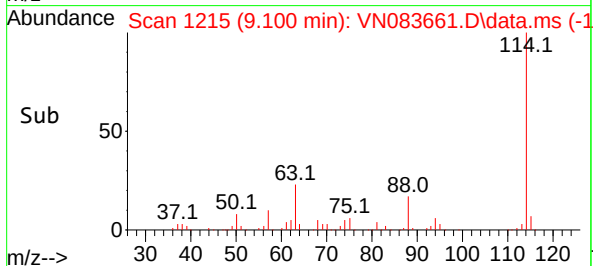
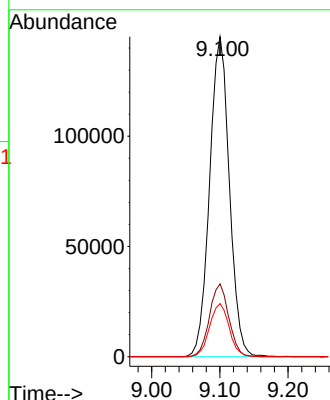
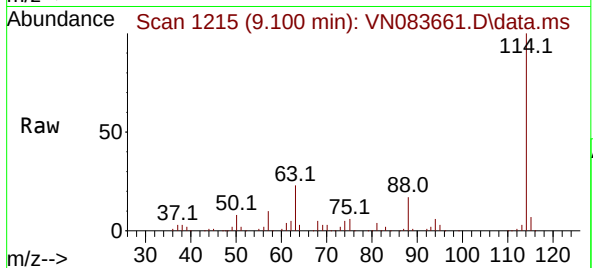
Tgt Ion:114 Resp: 292673

Ion Ratio Lower Upper

114 100

63 22.8 0.0 43.4

88 16.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.687 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083661.D

Acq: 04 Sep 2024 19:54

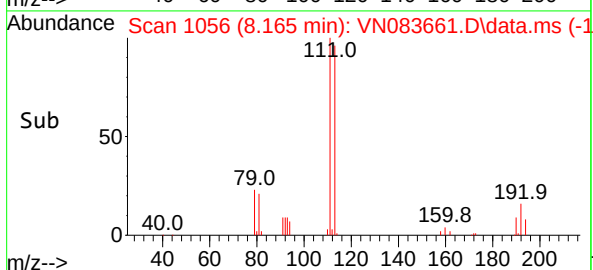
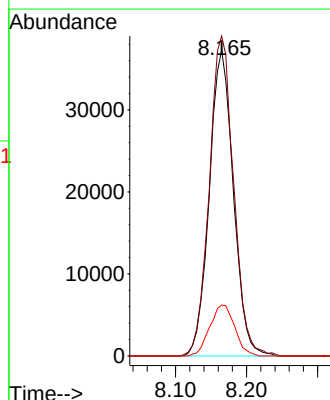
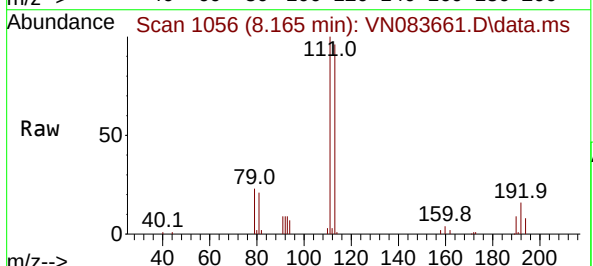
Tgt Ion:113 Resp: 87526

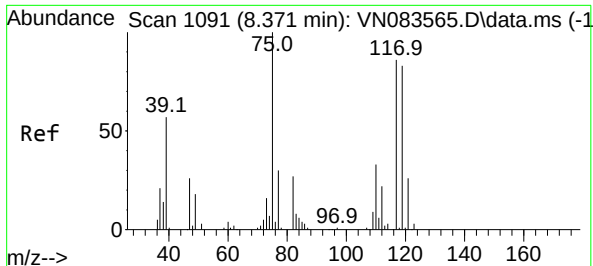
Ion Ratio Lower Upper

113 100

111 106.1 82.6 124.0

192 17.3 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.941 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

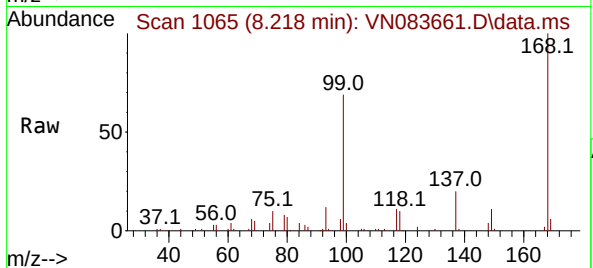
Lab File: VN083661.D

Acq: 04 Sep 2024 19:54

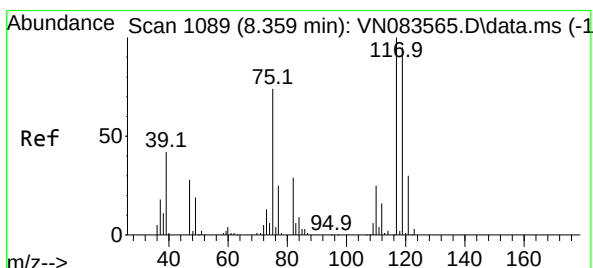
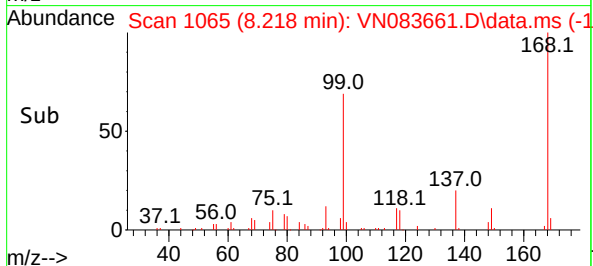
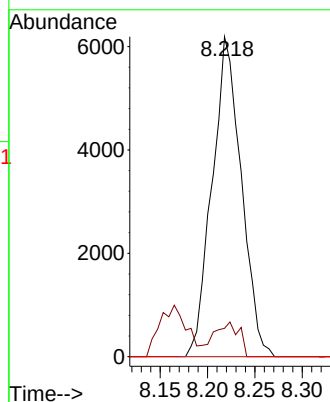
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 13276
Ion Ratio	Lower Upper
75	100
110	9.2 16.7 50.1#
77	0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.467 ug/l

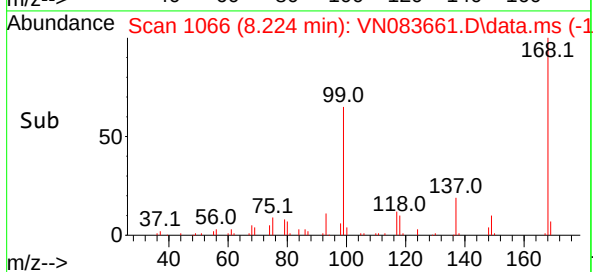
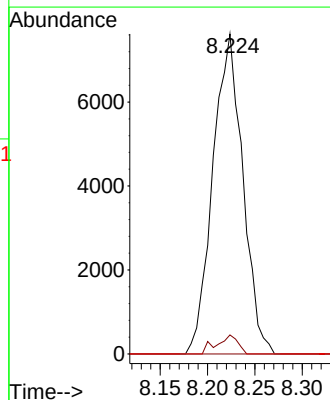
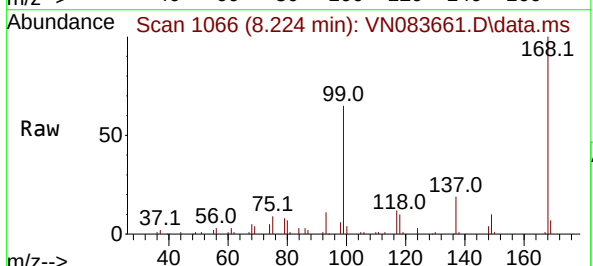
RT: 8.224 min Scan# 1066

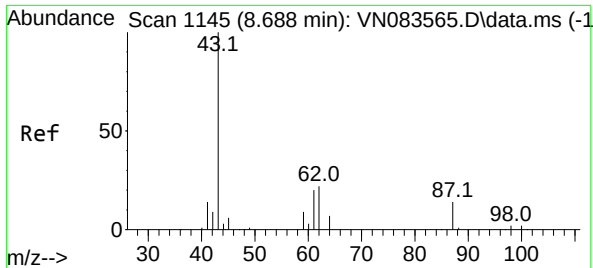
Delta R.T. -0.135 min

Lab File: VN083661.D

Acq: 04 Sep 2024 19:54

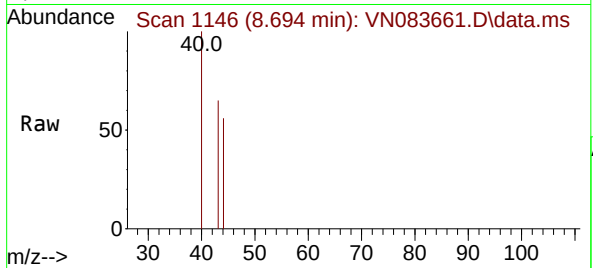
Tgt Ion: 117	Resp: 16761
Ion Ratio	Lower Upper
117	100
119	6.0 76.1 114.1#
121	0.0 24.1 36.1#



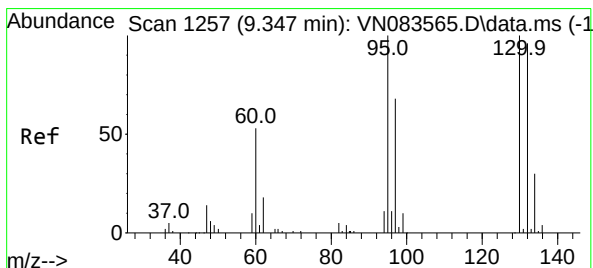
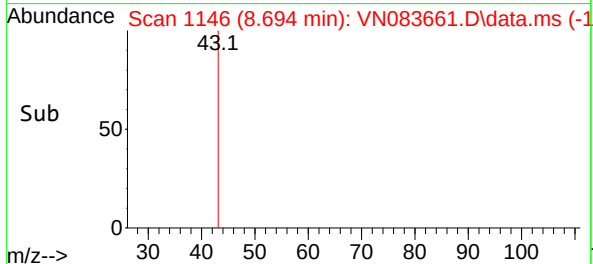
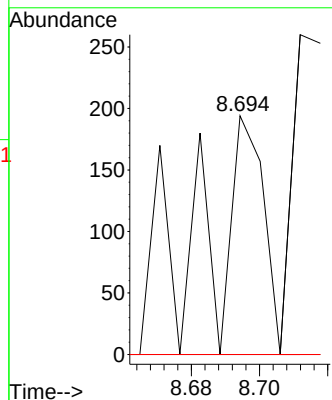


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN083661.D
Acq: 04 Sep 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :

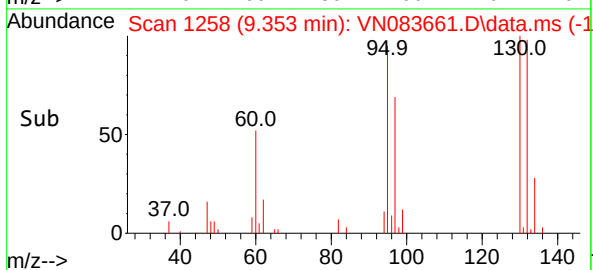
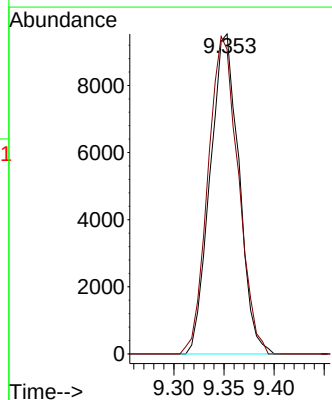
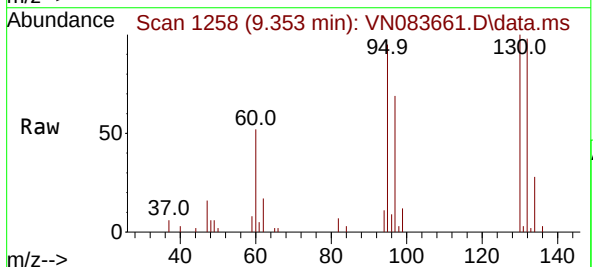


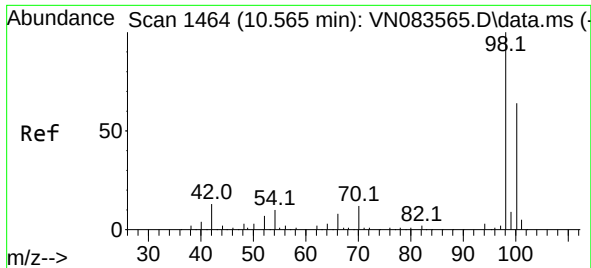
Tgt Ion: 43 Resp: 187
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#44
Trichloroethene
Concen: 9.591 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN083661.D
Acq: 04 Sep 2024 19:54

Tgt Ion:130 Resp: 19069
Ion Ratio Lower Upper
130 100
95 95.2 0.0 200.4

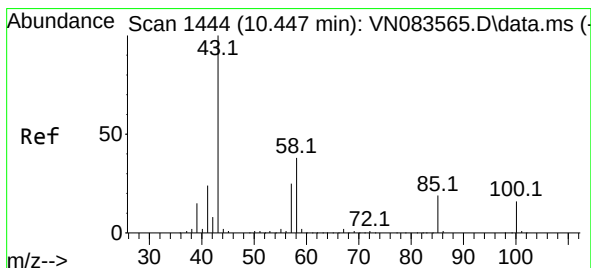
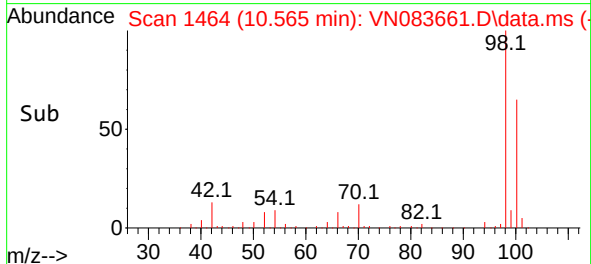
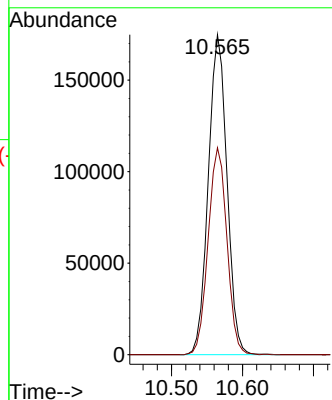
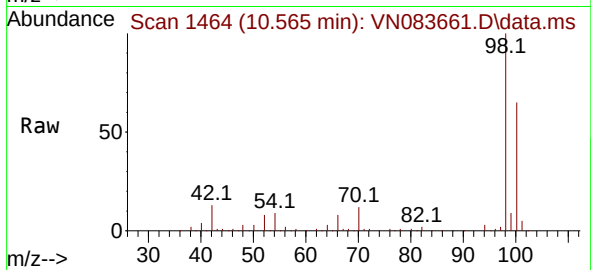




#50
Toluene-d8
Concen: 46.557 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083661.D
Acq: 04 Sep 2024 19:54

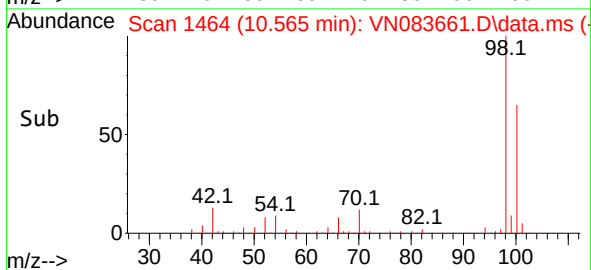
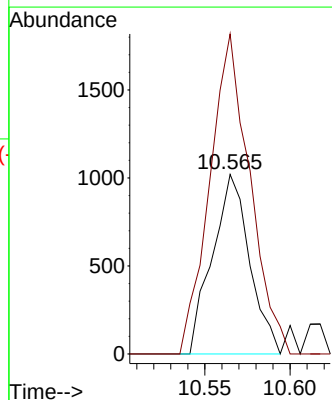
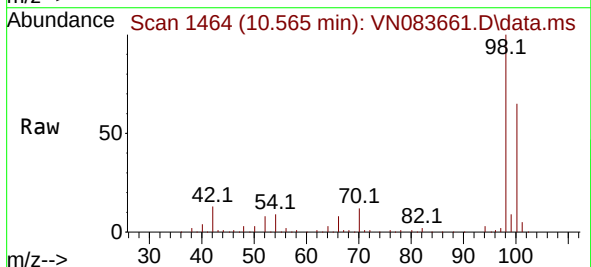
Instrument :
MSVOA_N
ClientSampleId :

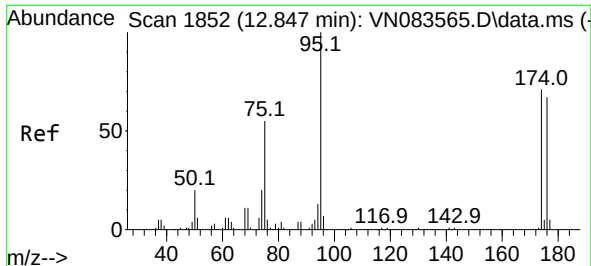
Tgt Ion: 98 Resp: 319181
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.623 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083661.D
Acq: 04 Sep 2024 19:54

Tgt Ion: 43 Resp: 1549
Ion Ratio Lower Upper
43 100
58 192.1 31.6 47.4#

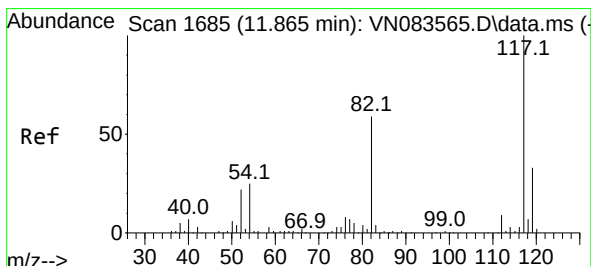
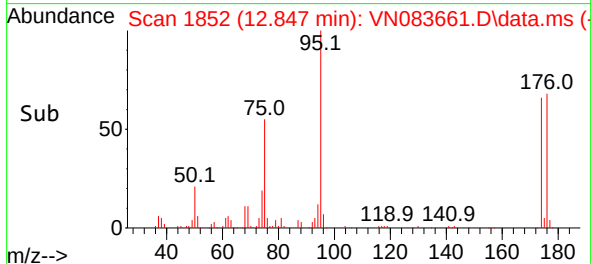
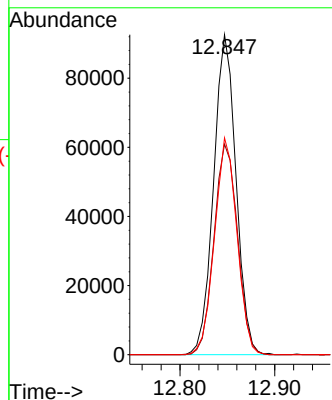
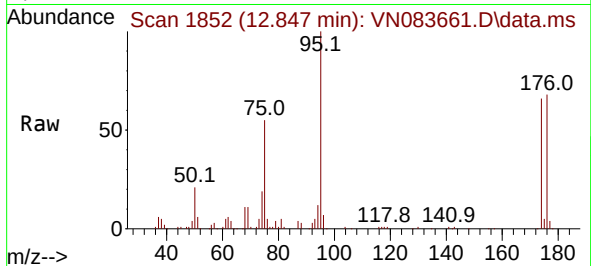




#62
4-Bromofluorobenzene
Concen: 59.945 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083661.D
Acq: 04 Sep 2024 19:54

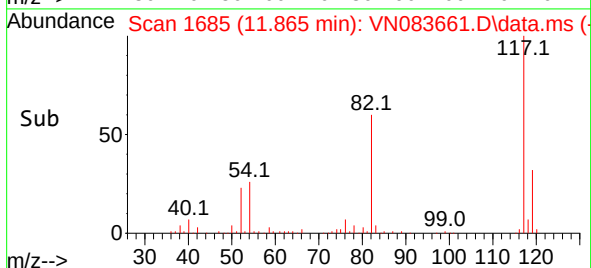
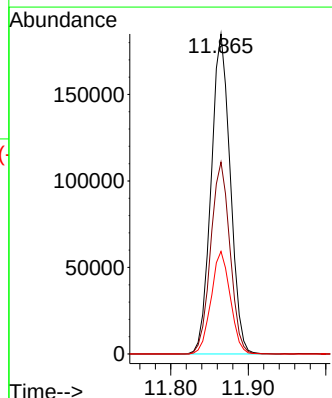
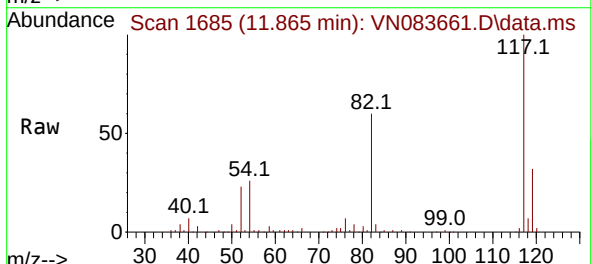
Instrument :
MSVOA_N
ClientSampleId :

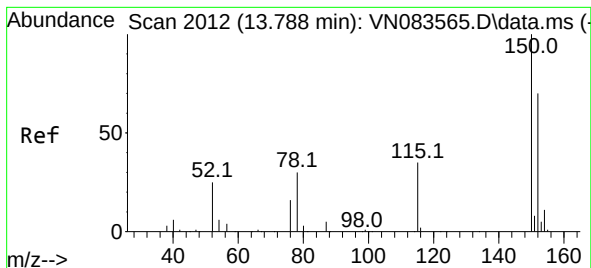
Tgt Ion: 95 Resp: 152328
Ion Ratio Lower Upper
95 100
174 69.2 0.0 139.8
176 67.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083661.D
Acq: 04 Sep 2024 19:54

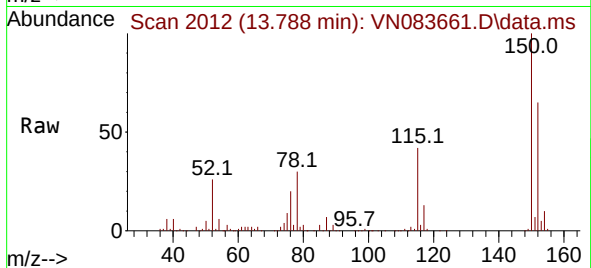
Tgt Ion: 117 Resp: 317002
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.0
119 32.1 26.3 39.5



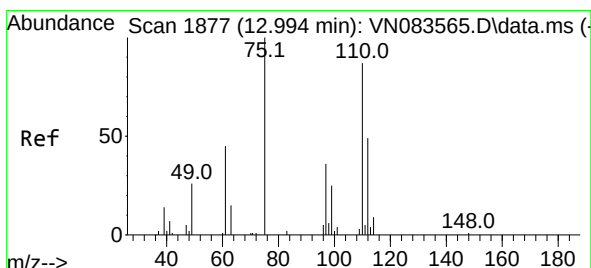
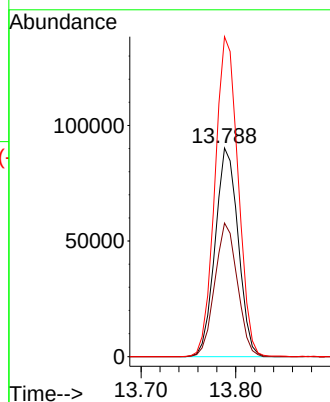
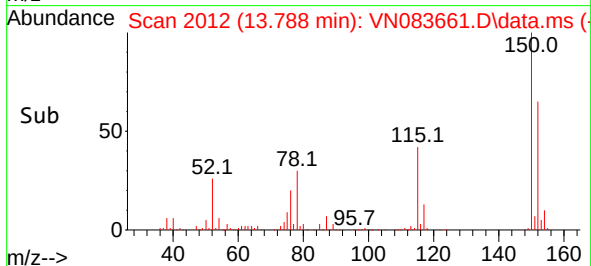


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN083661.D
Acq: 04 Sep 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :

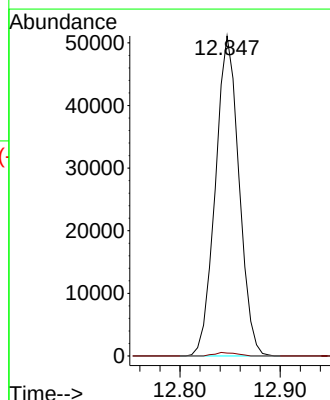
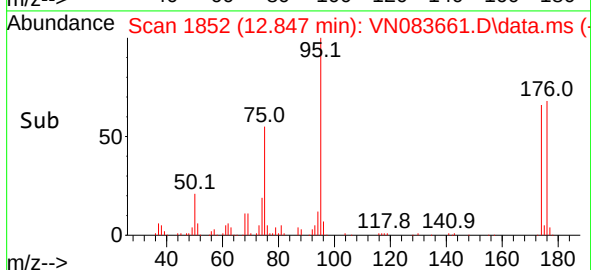
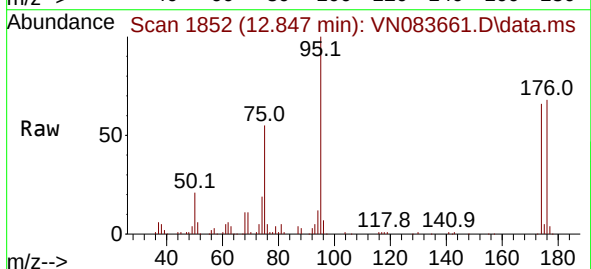


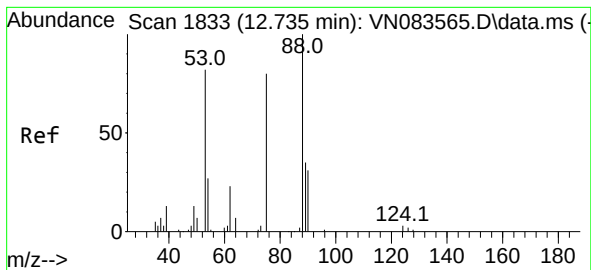
Tgt Ion:152 Resp: 152334
Ion Ratio Lower Upper
152 100
115 62.9 32.2 96.6
150 154.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 27.161 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083661.D
Acq: 04 Sep 2024 19:54

Tgt Ion: 75 Resp: 83537
Ion Ratio Lower Upper
75 100
77 1.0 95.2 285.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.062 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083661.D
 Acq: 04 Sep 2024 19:54

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75 Resp: 83537
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#

