

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083608.D
 Acq On : 31 Aug 2024 10:33
 Operator : JC\MD
 Sample : P3777-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 02 01:03:47 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)

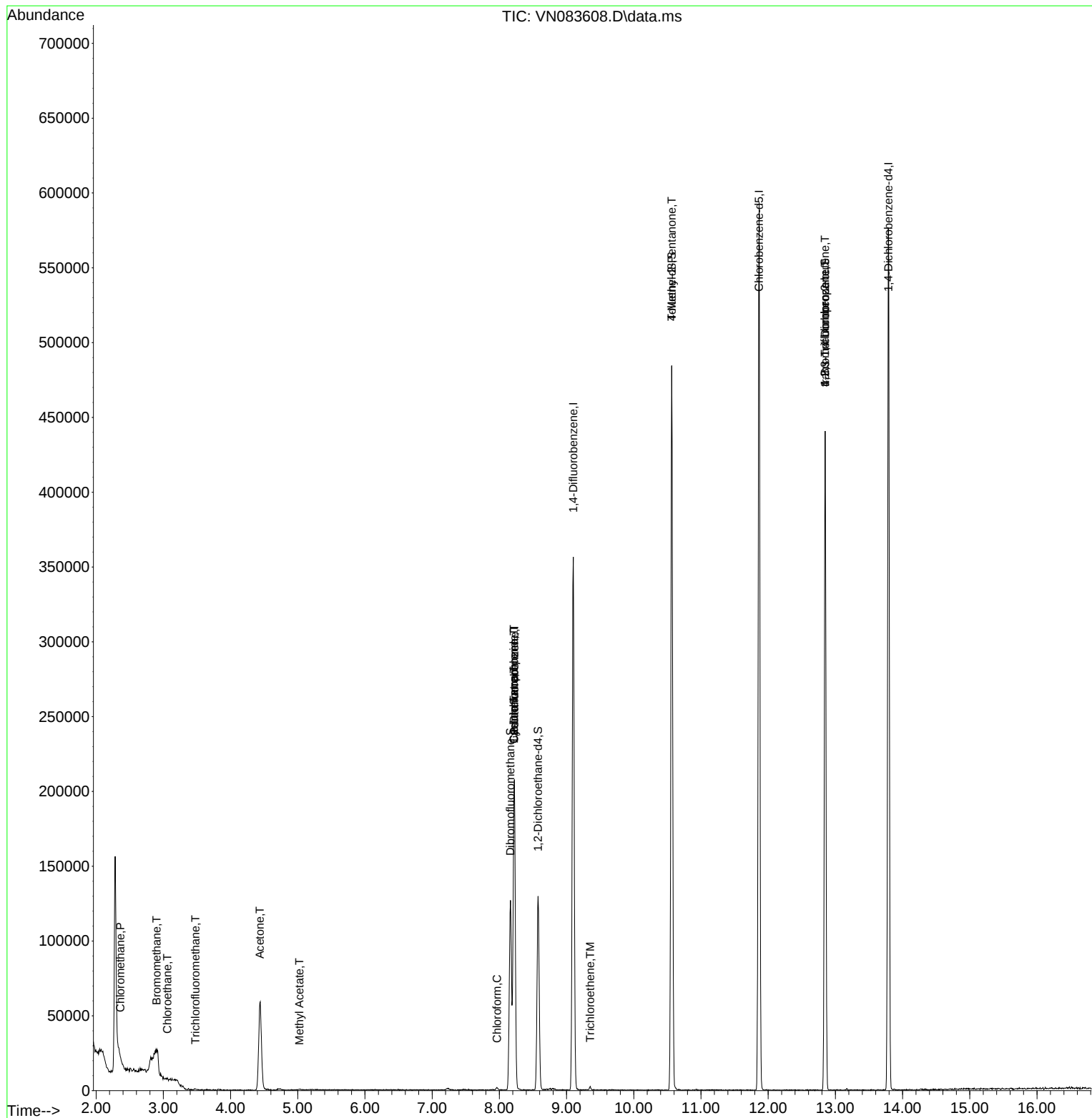
Internal Standards						
1) Pentafluorobenzene	8.224	168	144285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	296259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	319798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	149816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112684	55.880	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 111.760%		
35) Dibromofluoromethane	8.165	113	89834	50.380	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.760%		
50) Toluene-d8	10.565	98	323199	46.572	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 93.140%		
62) 4-Bromofluorobenzene	12.847	95	151339	58.835	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 117.660%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1383	0.777	ug/l	92
5) Bromomethane	2.901	94	374	0.400	ug/l #	2
6) Chloroethane	3.059	64	664	0.571	ug/l #	64
7) Trichlorofluoromethane	3.477	101	776	0.265	ug/l #	68
16) Acetone	4.436	43	2572	3.198	ug/l #	45
18) Methyl Acetate	5.024	43	899	0.420	ug/l #	65
30) Chloroform	7.965	83	1600	0.479	ug/l	85
31) Cyclohexane	8.218	56	3956	1.268	ug/l #	19
36) 1,1-Dichloropropene	8.218	75	13529	4.974	ug/l #	51
38) Carbon Tetrachloride	8.218	117	16587	5.345	ug/l #	16
43) Isopropyl Acetate	8.683	43	77	Below Cal	#	57
44) Trichloroethene	9.353	130	750	0.373	ug/l	90
51) 4-Methyl-2-Pentanone	10.565	43	1554	0.618	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	85678	28.326	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	85678	66.808	ug/l #	9

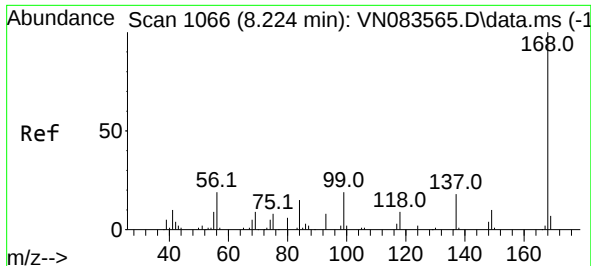
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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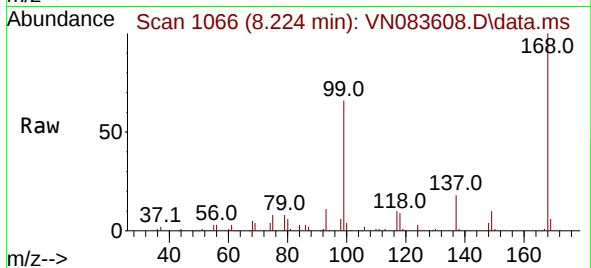
Quant Time: Sep 02 01:03:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
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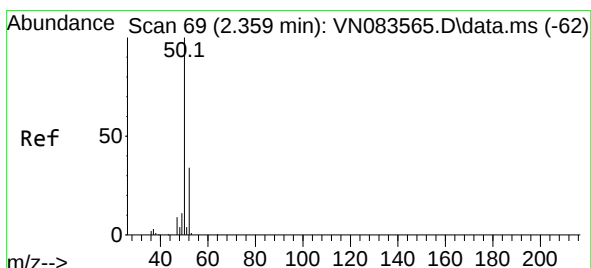
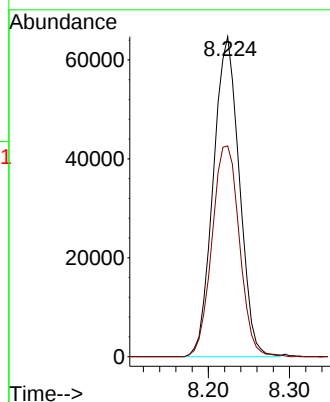
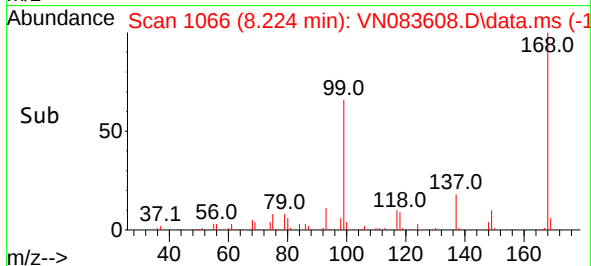


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083608.D
Acq: 31 Aug 2024 10:33

Instrument :
MSVOA_N
ClientSampleId :

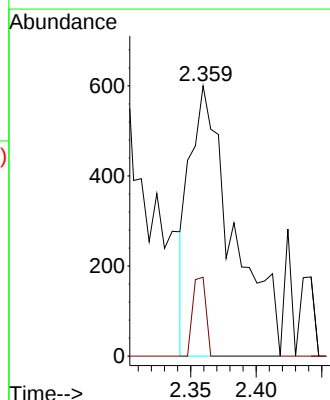
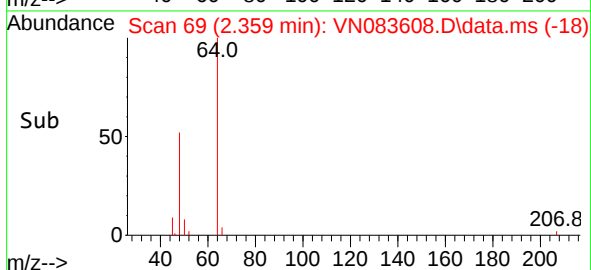
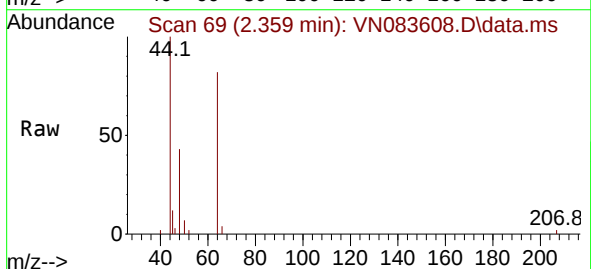


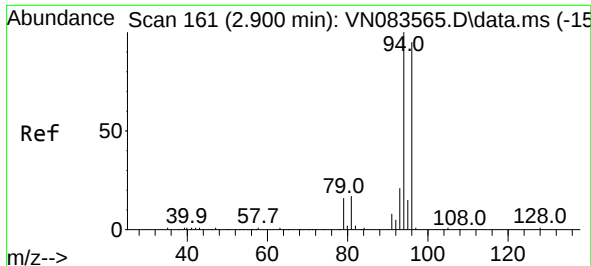
Tgt Ion:168 Resp: 144285
Ion Ratio Lower Upper
168 100
99 65.9 54.2 81.2



#3
Chloromethane
Concen: 0.777 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083608.D
Acq: 31 Aug 2024 10:33

Tgt Ion: 50 Resp: 1383
Ion Ratio Lower Upper
50 100
52 29.2 27.2 40.8

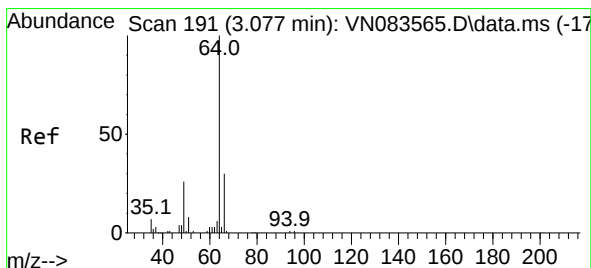
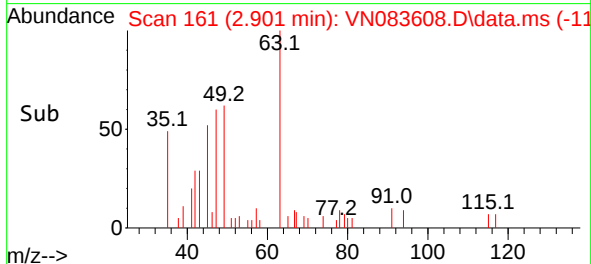
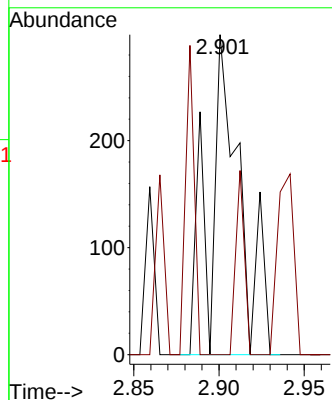
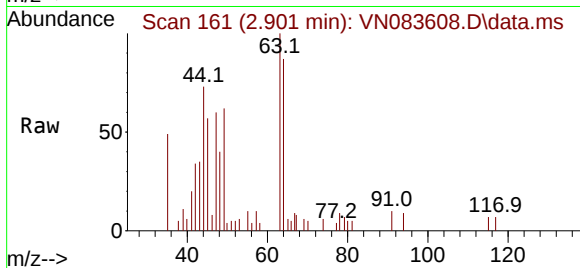




#5
Bromomethane
Concen: 0.400 ug/l
RT: 2.901 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083608.D
Acq: 31 Aug 2024 10:33

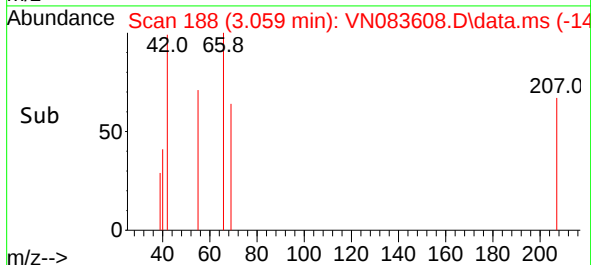
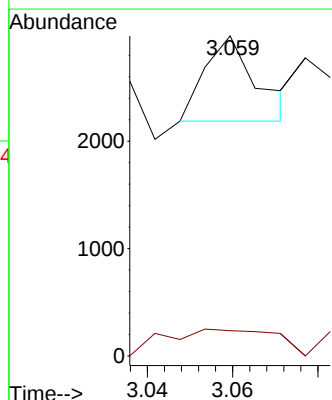
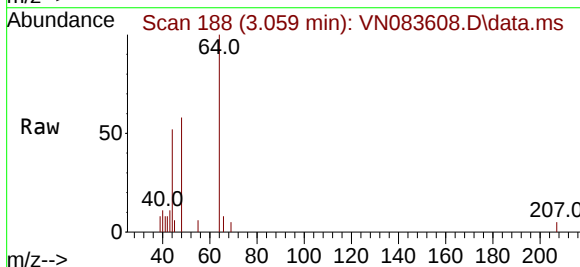
Instrument :
MSVOA_N
ClientSampleId :

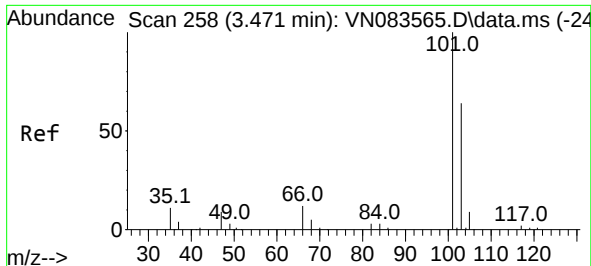
Tgt Ion: 94 Resp: 374
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: 0.571 ug/l
RT: 3.059 min Scan# 188
Delta R.T. -0.018 min
Lab File: VN083608.D
Acq: 31 Aug 2024 10:33

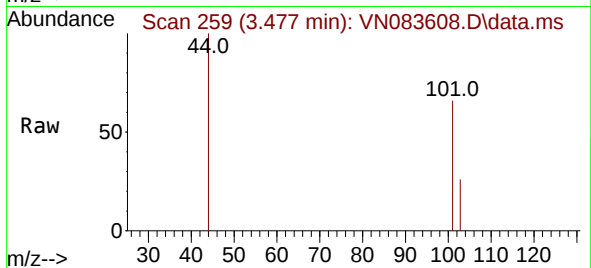
Tgt Ion: 64 Resp: 664
Ion Ratio Lower Upper
64 100
66 10.4 23.9 35.9#



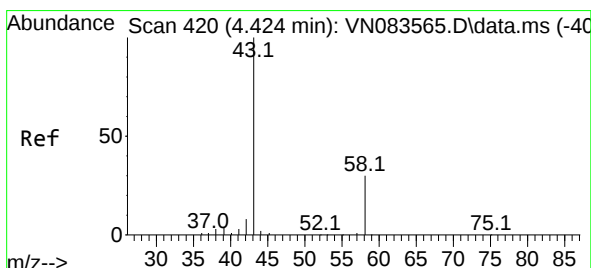
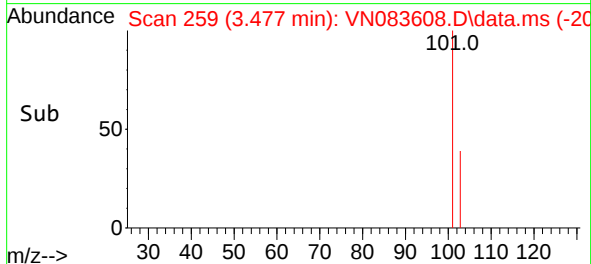
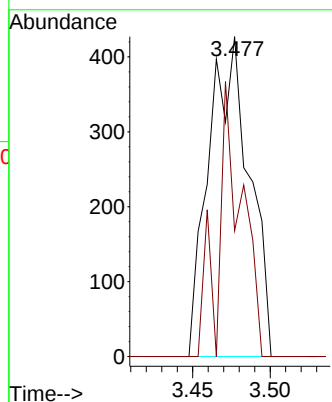


#7
 Trichlorofluoromethane
 Concen: 0.265 ug/l
 RT: 3.477 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN083608.D
 Acq: 31 Aug 2024 10:33

Instrument :
 MSVOA_N
 ClientSampleId :

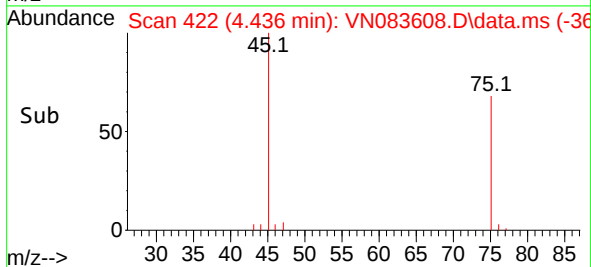
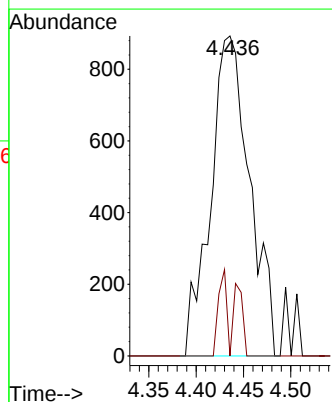
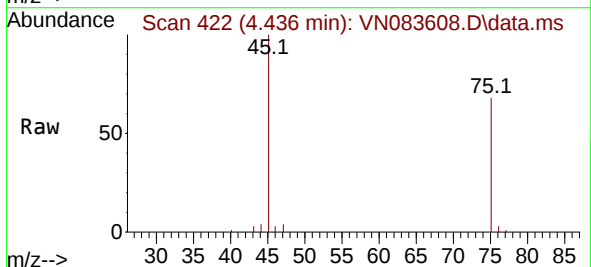


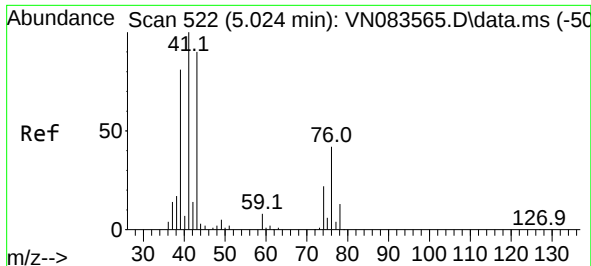
Tgt Ion:101 Resp: 776
 Ion Ratio Lower Upper
 101 100
 103 39.3 51.4 77.0#



#16
 Acetone
 Concen: 3.198 ug/l
 RT: 4.436 min Scan# 422
 Delta R.T. 0.012 min
 Lab File: VN083608.D
 Acq: 31 Aug 2024 10:33

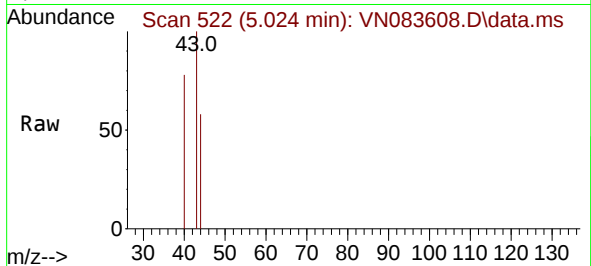
Tgt Ion: 43 Resp: 2572
 Ion Ratio Lower Upper
 43 100
 58 0.0 23.7 35.5#



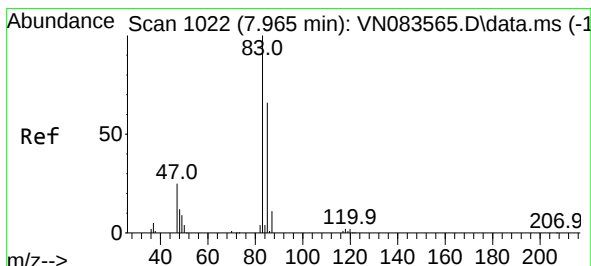
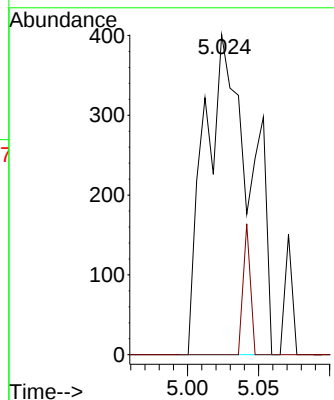
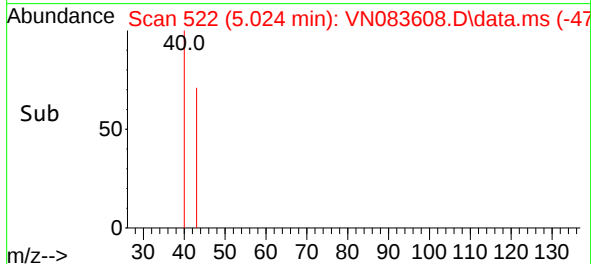


#18
Methyl Acetate
Concen: 0.420 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN083608.D
Acq: 31 Aug 2024 10:33

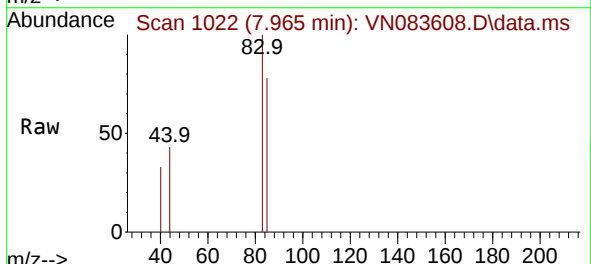
Instrument :
MSVOA_N
ClientSampleId :



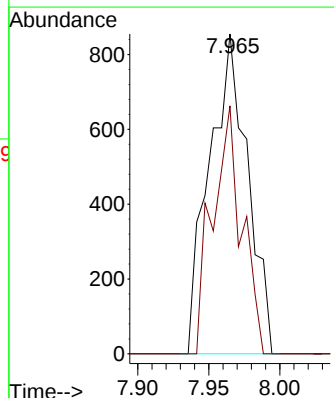
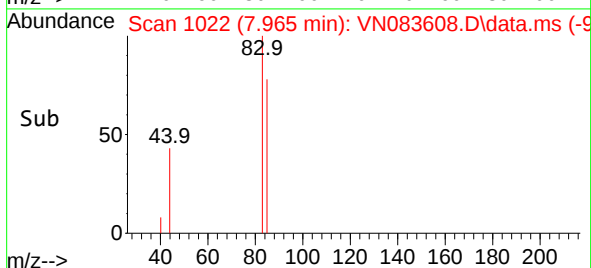
Tgt Ion: 43 Resp: 899
Ion Ratio Lower Upper
43 100
74 6.5 19.0 28.4#

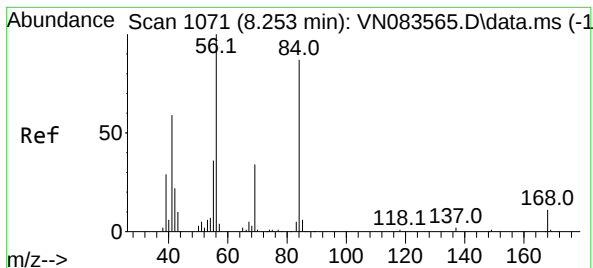


#30
Chloroform
Concen: 0.479 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN083608.D
Acq: 31 Aug 2024 10:33



Tgt Ion: 83 Resp: 1600
Ion Ratio Lower Upper
83 100
85 77.5 52.8 79.2





#31

Cyclohexane

Concen: 1.268 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

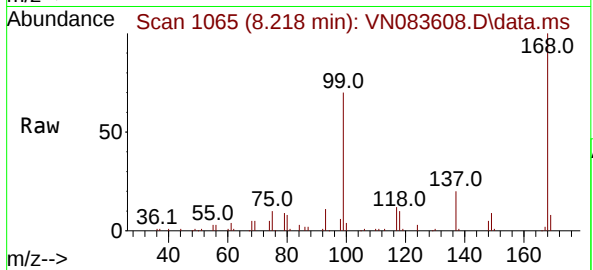
Lab File: VN083608.D

Acq: 31 Aug 2024 10:33

Instrument :

MSVOA_N

ClientSampleId :



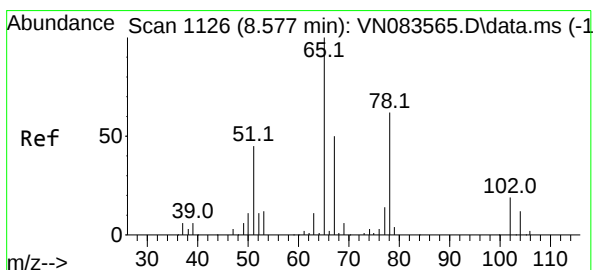
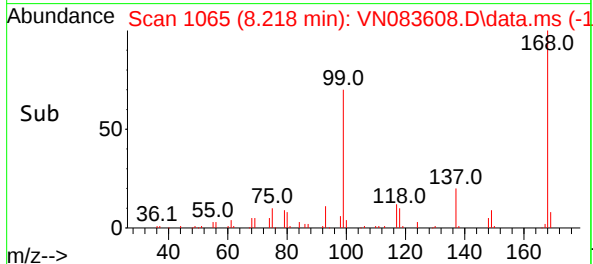
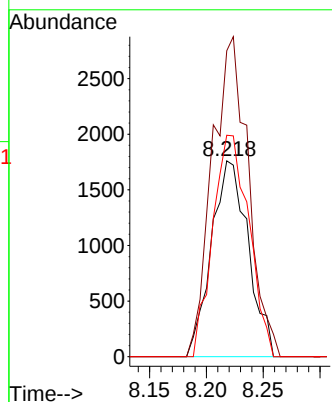
Tgt Ion: 56 Resp: 3956

Ion Ratio Lower Upper

56 100

69 156.2 26.9 40.3#

84 113.1 69.2 103.8#



#33

1,2-Dichloroethane-d4

Concen: 55.880 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083608.D

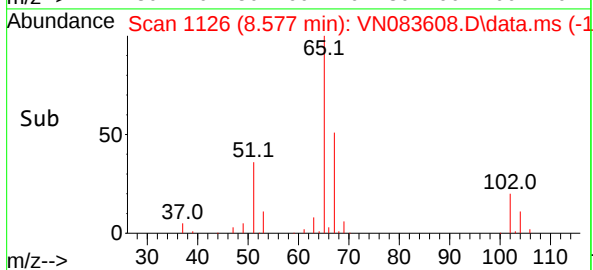
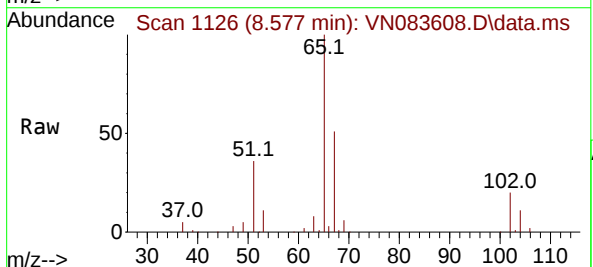
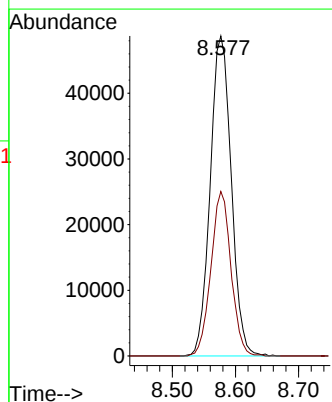
Acq: 31 Aug 2024 10:33

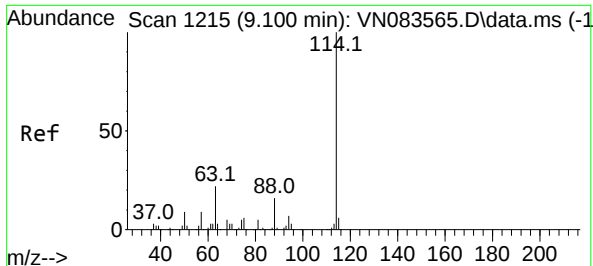
Tgt Ion: 65 Resp: 112684

Ion Ratio Lower Upper

65 100

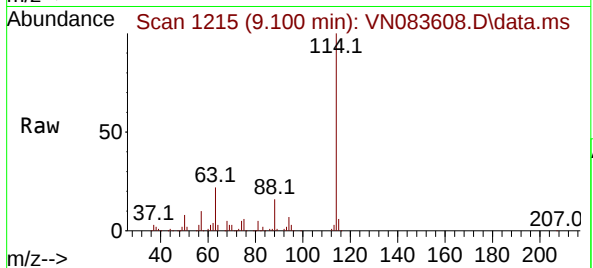
67 49.1 0.0 100.8



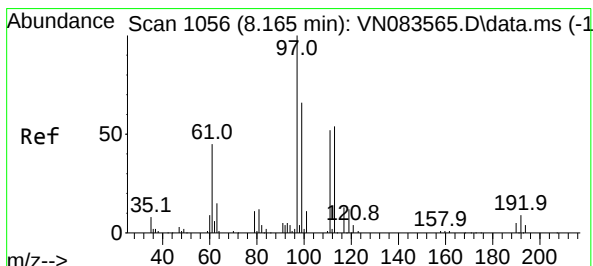
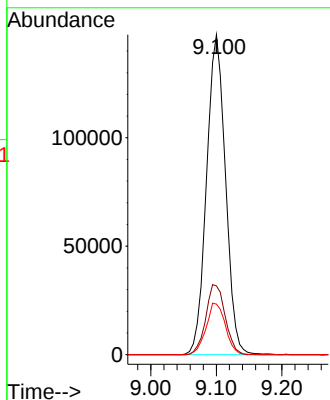
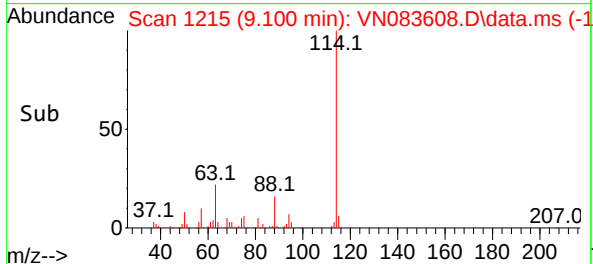


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083608.D
Acq: 31 Aug 2024 10:33

Instrument :
MSVOA_N
ClientSampleId :

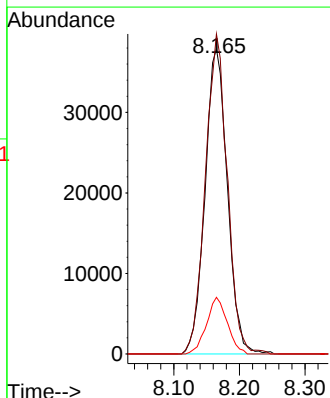
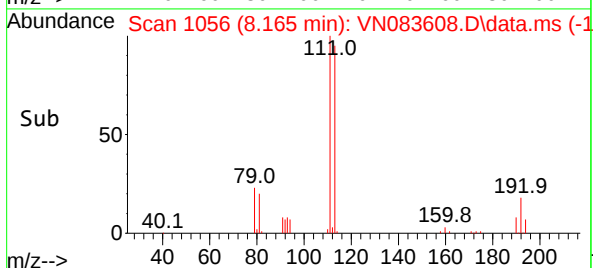
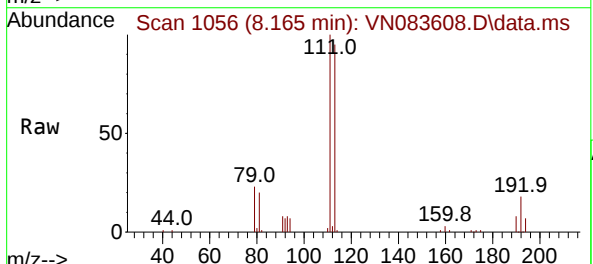


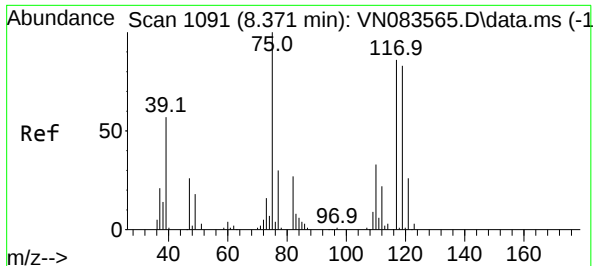
Tgt Ion:114 Resp: 296259
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.4
88 15.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.380 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083608.D
Acq: 31 Aug 2024 10:33

Tgt Ion:113 Resp: 89834
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 17.3 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.974 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

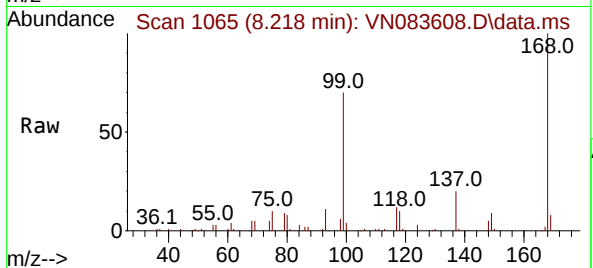
Lab File: VN083608.D

Acq: 31 Aug 2024 10:33

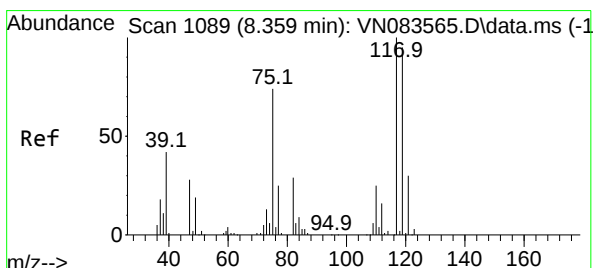
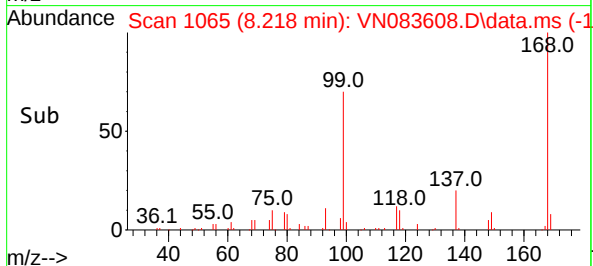
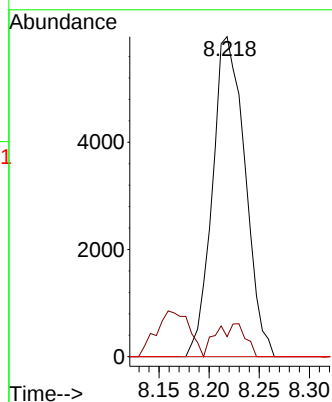
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 13529
Ion Ratio	Lower Upper
75	100
110	9.3 16.7 50.1#
77	0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.345 ug/l

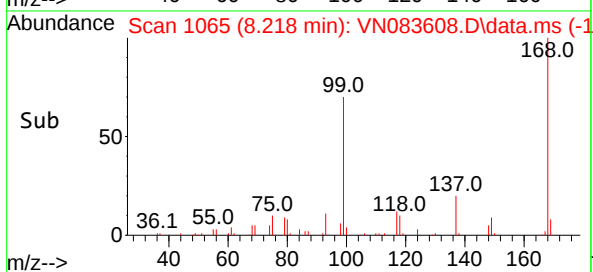
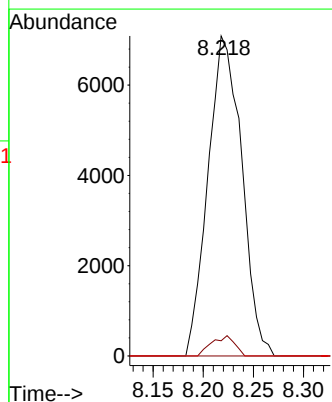
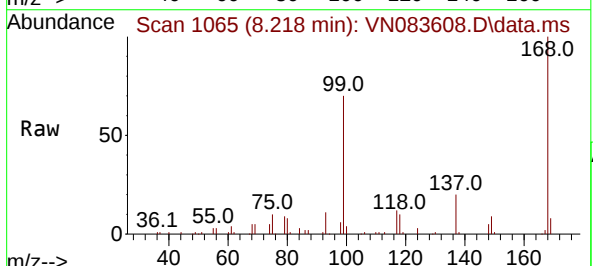
RT: 8.218 min Scan# 1065

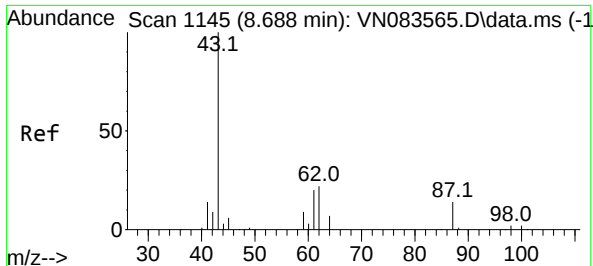
Delta R.T. -0.141 min

Lab File: VN083608.D

Acq: 31 Aug 2024 10:33

Tgt Ion: 117	Resp: 16587
Ion Ratio	Lower Upper
117	100
119	4.7 76.1 114.1#
121	0.0 24.1 36.1#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.683 min Scan# 1144

Delta R.T. -0.005 min

Lab File: VN083608.D

Acq: 31 Aug 2024 10:33

Instrument :

MSVOA_N

ClientSampleId :

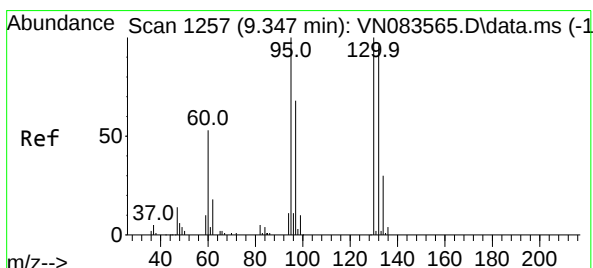
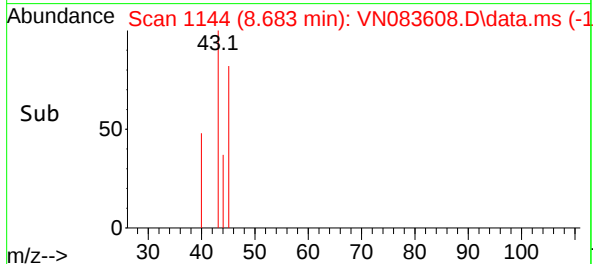
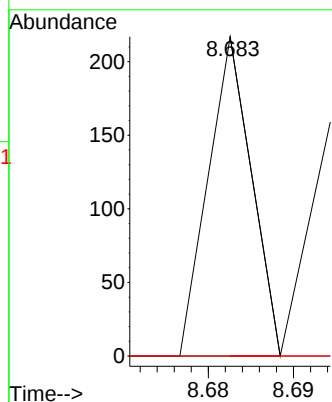
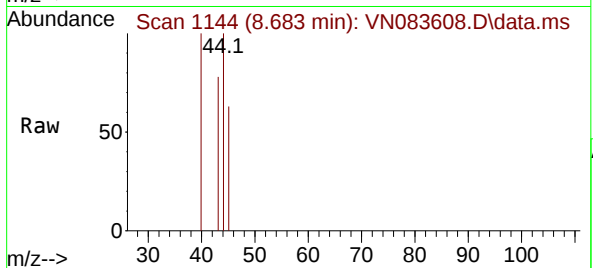
Tgt Ion: 43 Resp: 77

Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#



#44

Trichloroethene

Concen: 0.373 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN083608.D

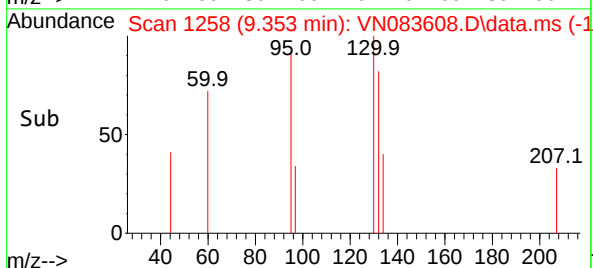
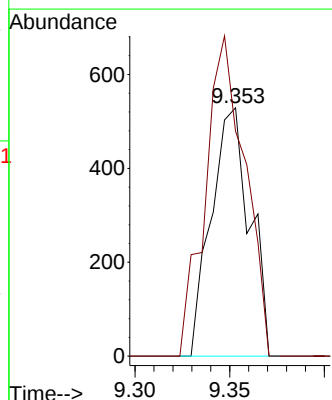
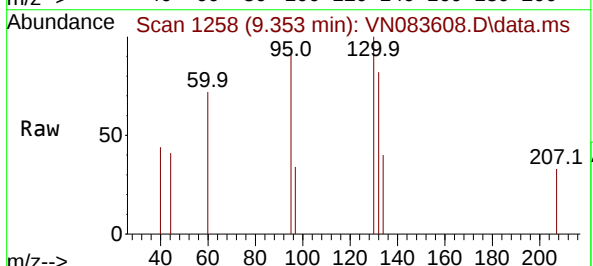
Acq: 31 Aug 2024 10:33

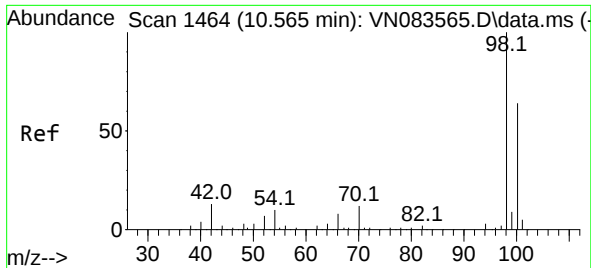
Tgt Ion:130 Resp: 750

Ion Ratio Lower Upper

130 100

95 90.5 0.0 200.4

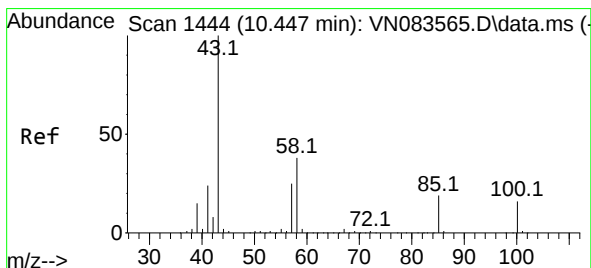
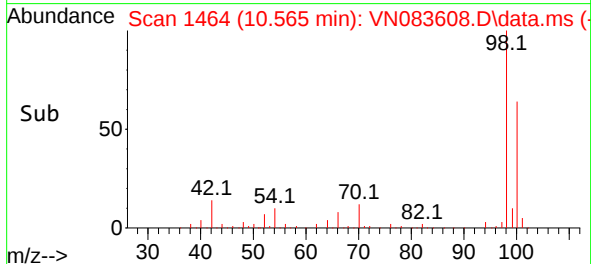
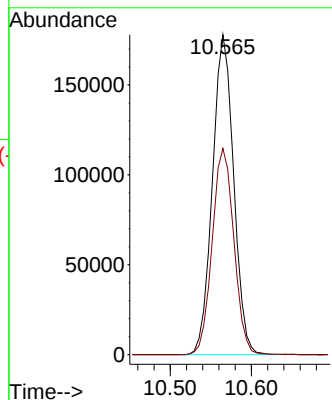
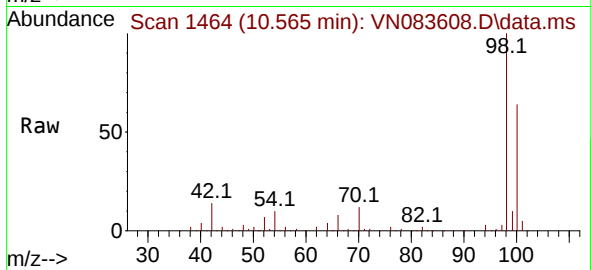




#50
Toluene-d8
Concen: 46.572 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083608.D
Acq: 31 Aug 2024 10:33

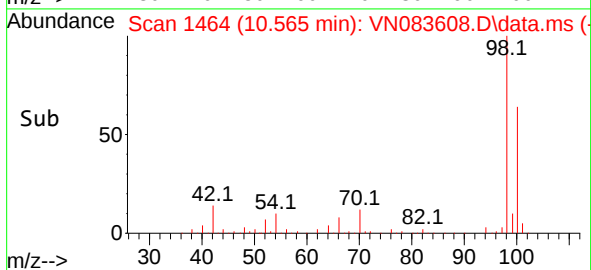
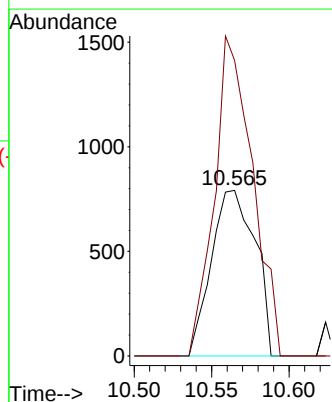
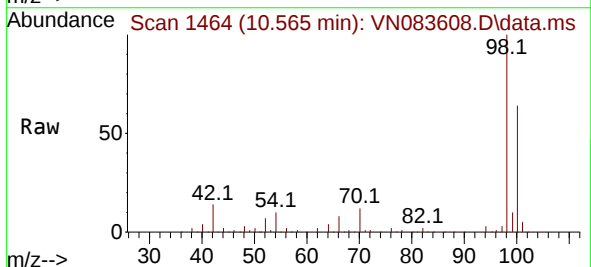
Instrument :
MSVOA_N
ClientSampleId :

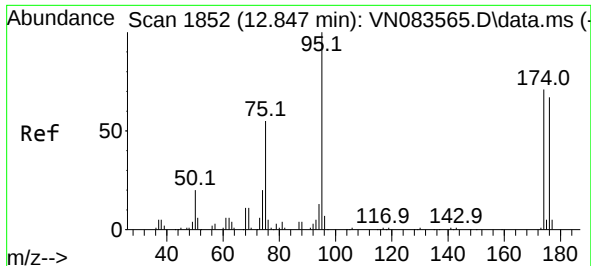
Tgt Ion: 98 Resp: 323199
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.618 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083608.D
Acq: 31 Aug 2024 10:33

Tgt Ion: 43 Resp: 1554
Ion Ratio Lower Upper
43 100
58 168.7 31.6 47.4#

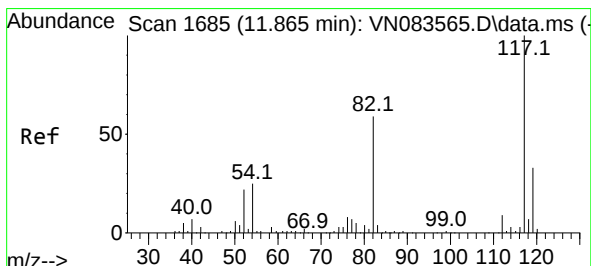
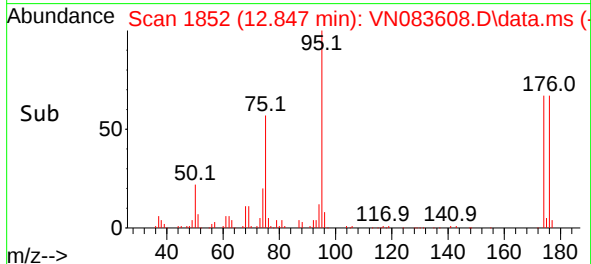
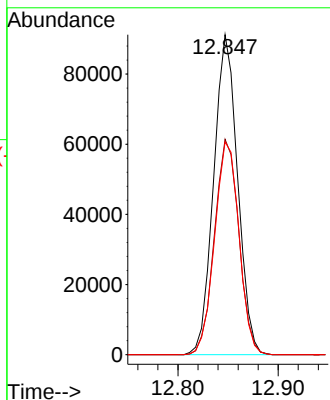
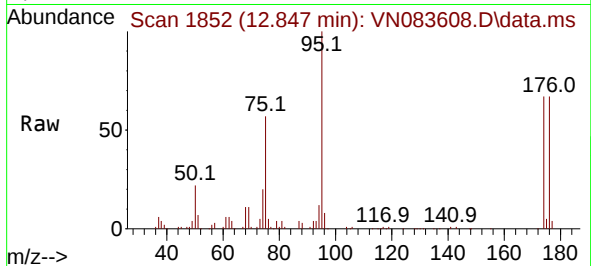




#62
4-Bromofluorobenzene
Concen: 58.835 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083608.D
Acq: 31 Aug 2024 10:33

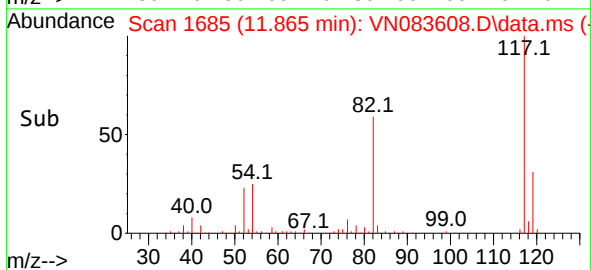
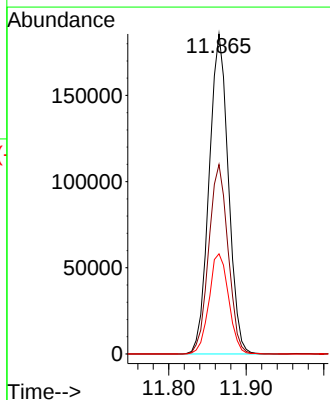
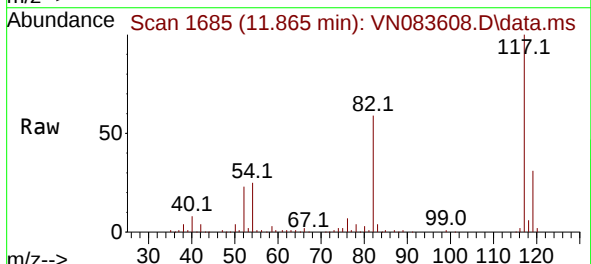
Instrument :
MSVOA_N
ClientSampleId :

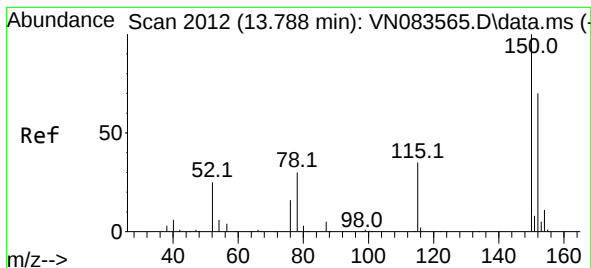
Tgt Ion: 95 Resp: 151339
Ion Ratio Lower Upper
95 100
174 68.6 0.0 139.8
176 67.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083608.D
Acq: 31 Aug 2024 10:33

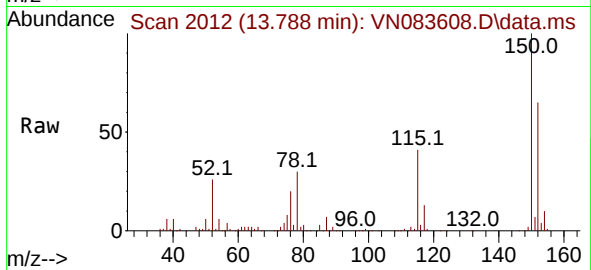
Tgt Ion: 117 Resp: 319798
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.0
119 31.3 26.3 39.5



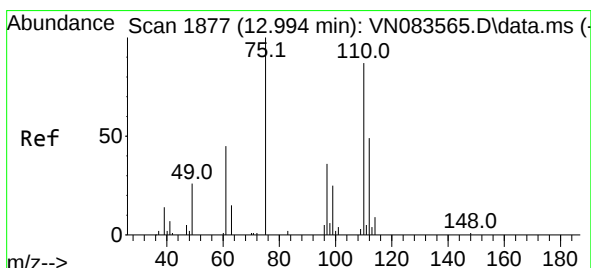
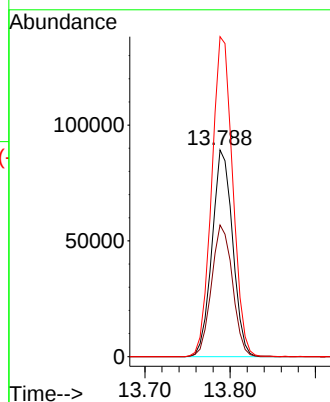
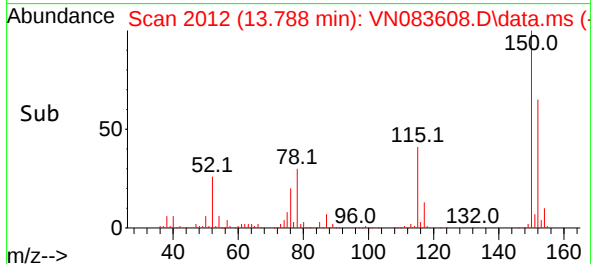


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN083608.D
Acq: 31 Aug 2024 10:33

Instrument :
MSVOA_N
ClientSampleId :

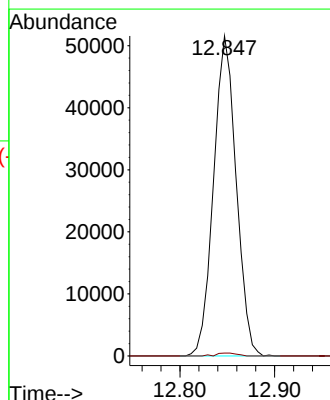
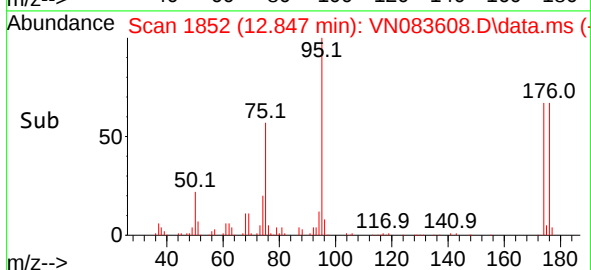
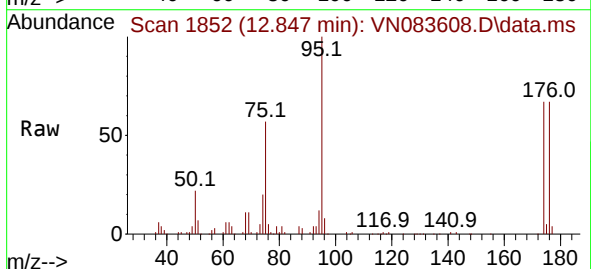


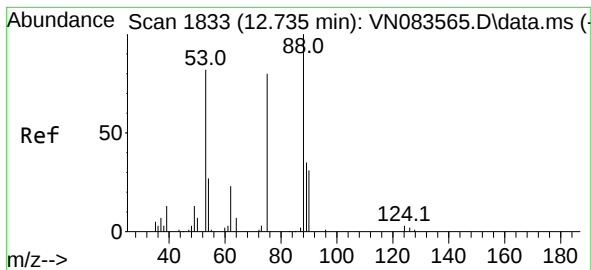
Tgt Ion:152 Resp: 149816
Ion Ratio Lower Upper
152 100
115 64.9 32.2 96.6
150 157.9 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 28.326 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083608.D
Acq: 31 Aug 2024 10:33

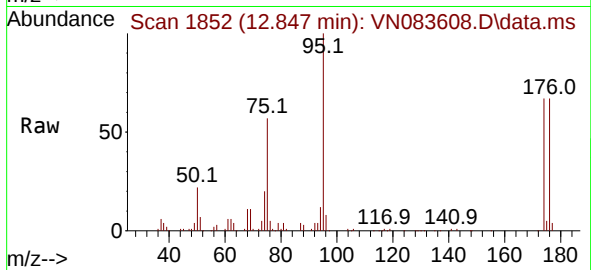
Tgt Ion: 75 Resp: 85678
Ion Ratio Lower Upper
75 100
77 0.8 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.808 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083608.D
Acq: 31 Aug 2024 10:33

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 85678
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

