

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083738.D
 Acq On : 09 Sep 2024 23:48
 Operator : JC\MD
 Sample : P3837-02 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 10 02:21:25 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)

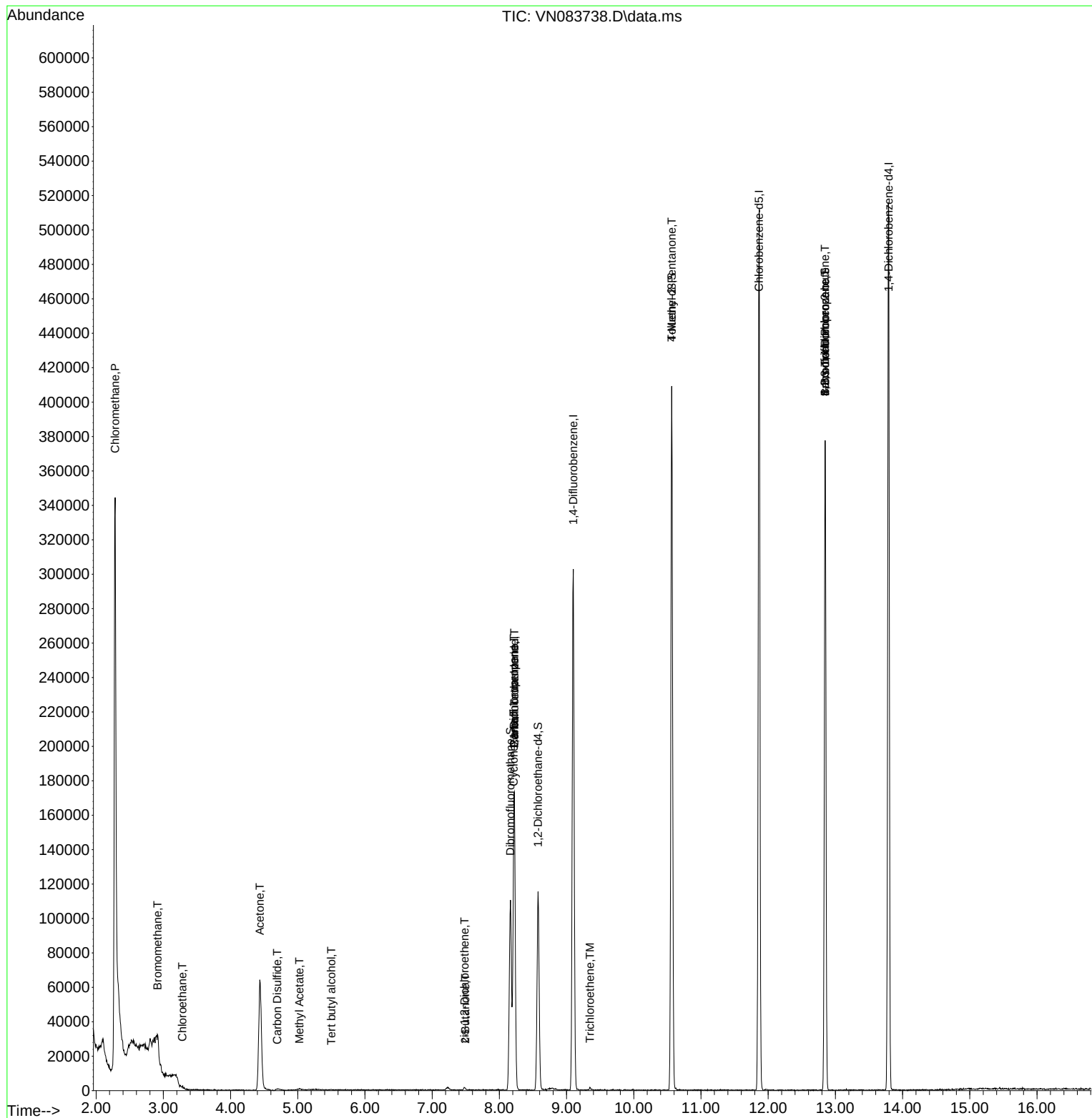
Internal Standards						
1) Pentafluorobenzene	8.224	168	119313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	247469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	97249	58.320	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.640%			
35) Dibromofluoromethane	8.165	113	77856	52.271	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.540%			
50) Toluene-d8	10.565	98	269389	46.474	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.940%			
62) 4-Bromofluorobenzene	12.847	95	128131	59.633	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 119.260%			
Target Compounds						Qvalue
3) Chloromethane	2.283	50	10701	7.275	ug/l #	41
5) Bromomethane	2.912	94	219	0.283	ug/l	83
6) Chloroethane	3.283	64	354	0.368	ug/l #	45
11) Tert butyl alcohol	5.500	59	65	0.250	ug/l #	71
16) Acetone	4.436	43	3212	4.830	ug/l	92
17) Carbon Disulfide	4.694	76	2192	0.575	ug/l #	75
18) Methyl Acetate	5.024	43	1923	1.087	ug/l #	52
25) 2-Butanone	7.494	43	447	0.494	ug/l #	49
27) cis-1,2-Dichloroethene	7.482	96	539	0.332	ug/l	76
31) Cyclohexane	8.212	56	3300	1.279	ug/l #	53
36) 1,1-Dichloropropene	8.218	75	11075	4.875	ug/l #	50
38) Carbon Tetrachloride	8.224	117	13501	5.208	ug/l #	15
43) Isopropyl Acetate	8.694	43	59	Below Cal	#	57
44) Trichloroethene	9.347	130	440	0.262	ug/l	72
51) 4-Methyl-2-Pentanone	10.565	43	1325	0.630	ug/l #	1
71) Bromoform	12.847	173	936	0.641	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	72888	27.533	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72888	64.938	ug/l #	9

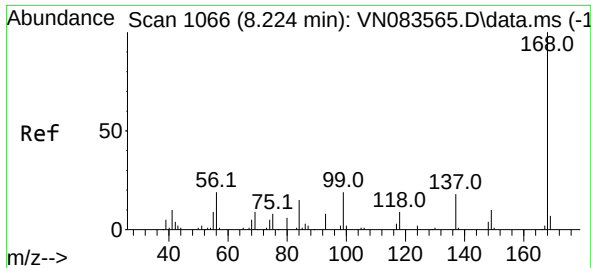
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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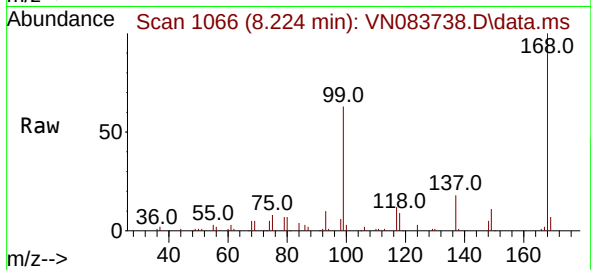
Quant Time: Sep 10 02:21:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration



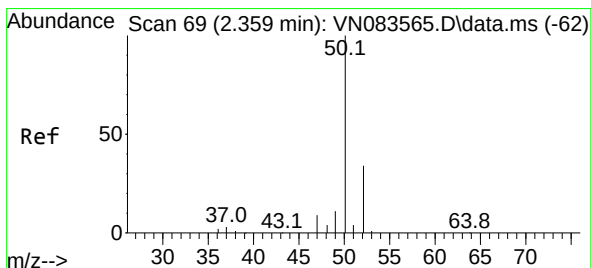
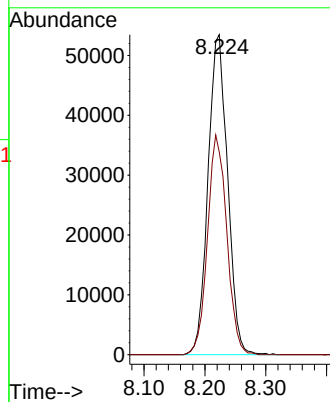
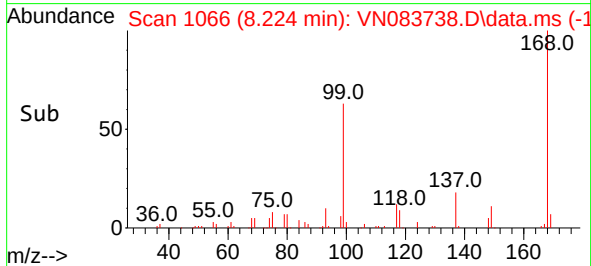


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

Instrument :
MSVOA_N
ClientSampleId :

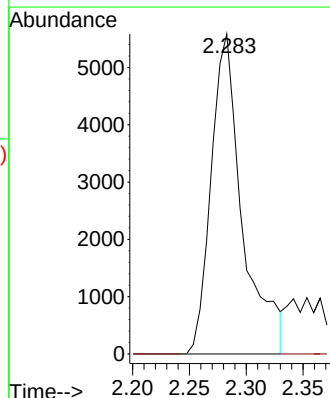
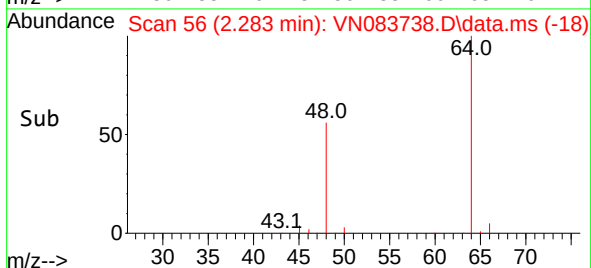
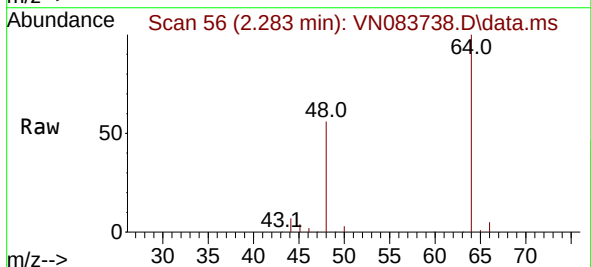


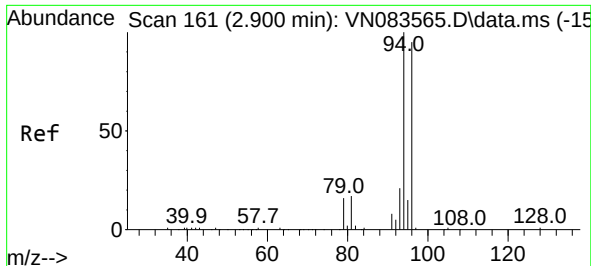
Tgt Ion:168 Resp: 119313
Ion Ratio Lower Upper
168 100
99 63.3 54.2 81.2



#3
Chloromethane
Concen: 7.275 ug/l
RT: 2.283 min Scan# 56
Delta R.T. -0.077 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

Tgt Ion: 50 Resp: 10701
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

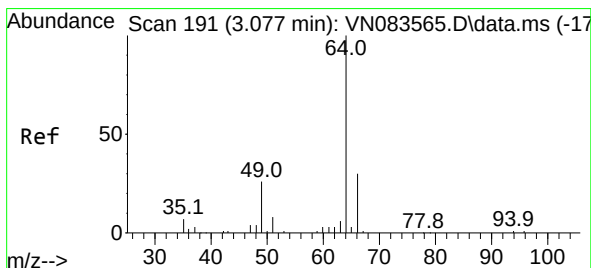
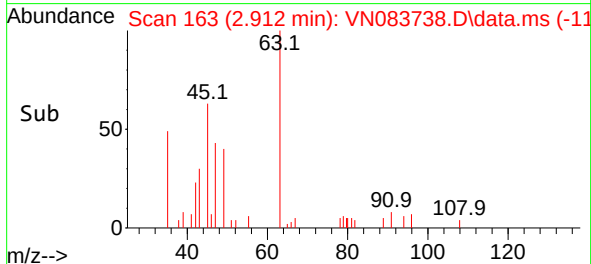
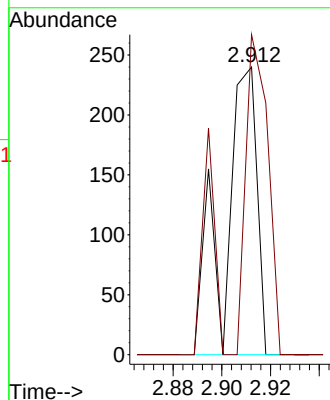
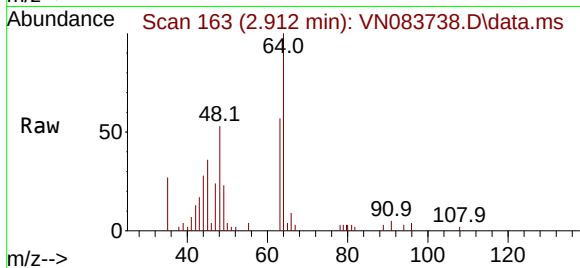




#5
Bromomethane
Concen: 0.283 ug/l
RT: 2.912 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

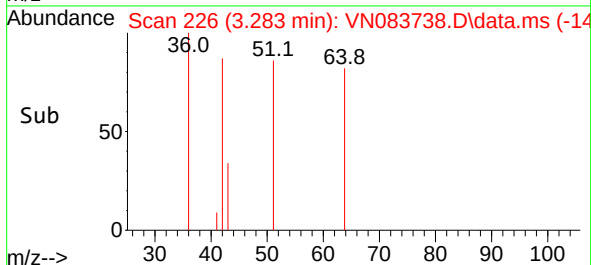
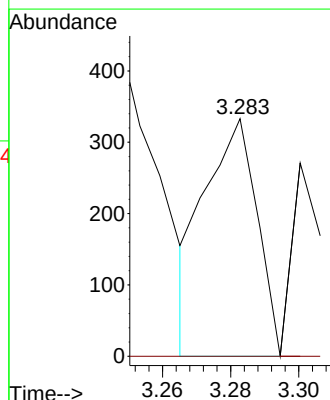
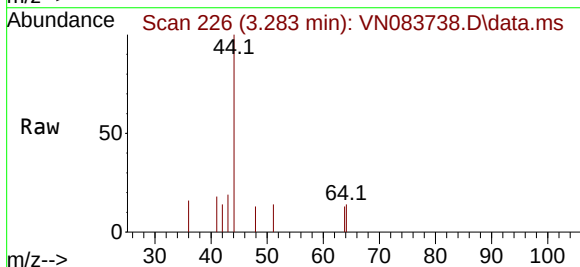
Instrument :
MSVOA_N
ClientSampleId :

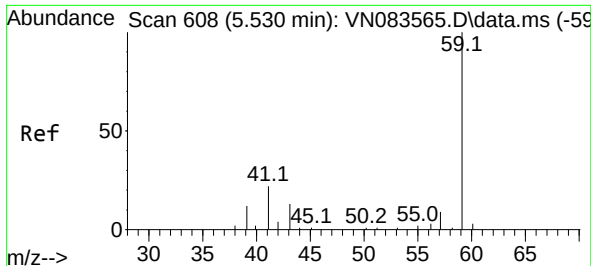
Tgt Ion: 94 Resp: 219
Ion Ratio Lower Upper
94 100
96 111.3 76.0 114.0



#6
Chloroethane
Concen: 0.368 ug/l
RT: 3.283 min Scan# 226
Delta R.T. 0.206 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

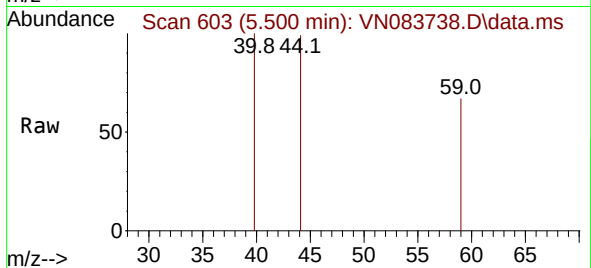
Tgt Ion: 64 Resp: 354
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#



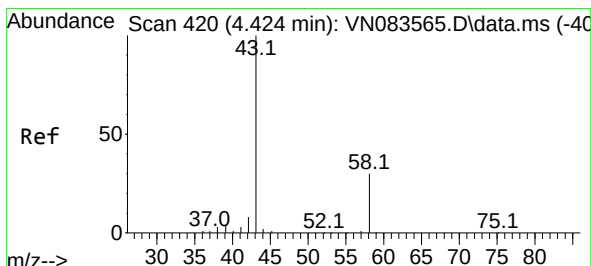
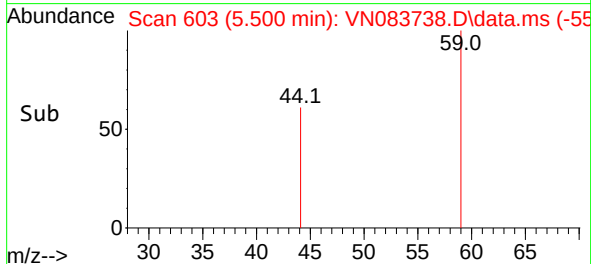
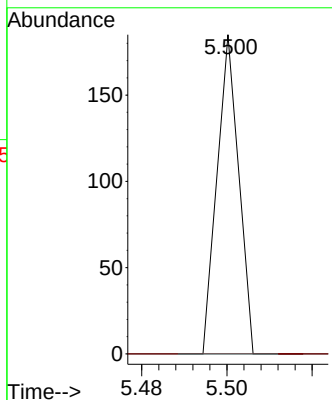


#11
Tert butyl alcohol
Concen: 0.250 ug/l
RT: 5.500 min Scan# 608
Delta R.T. -0.029 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

Instrument :
MSVOA_N
ClientSampleId :

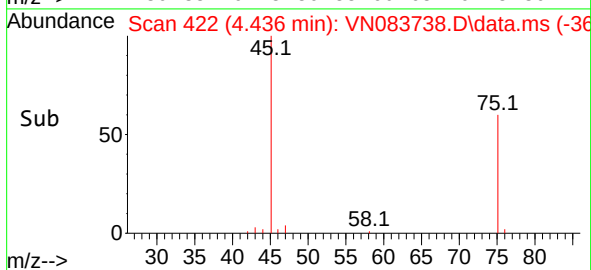
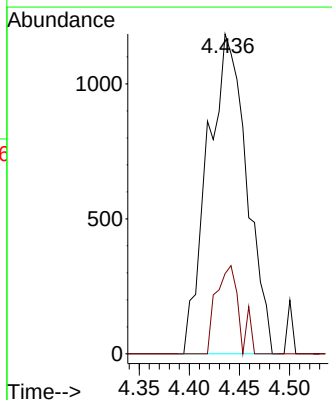
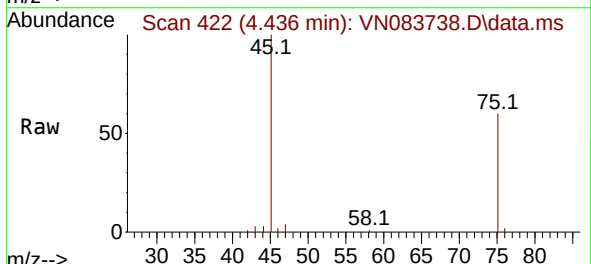


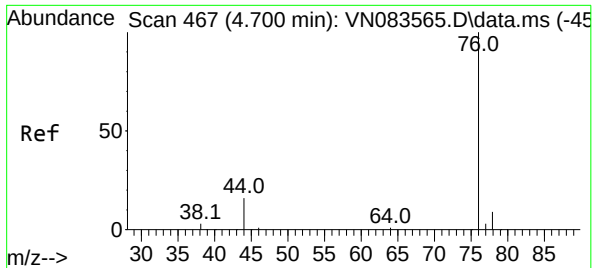
Tgt Ion: 59 Resp: 65
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#16
Acetone
Concen: 4.830 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

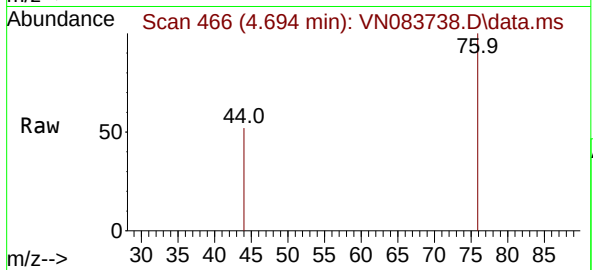
Tgt Ion: 43 Resp: 3212
Ion Ratio Lower Upper
43 100
58 25.1 23.7 35.5



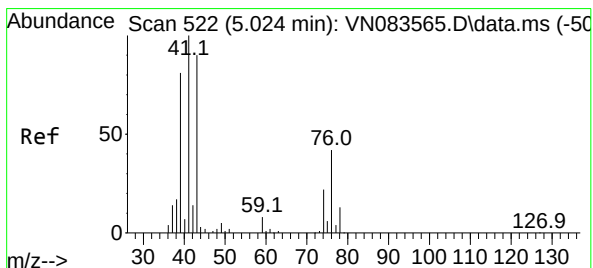
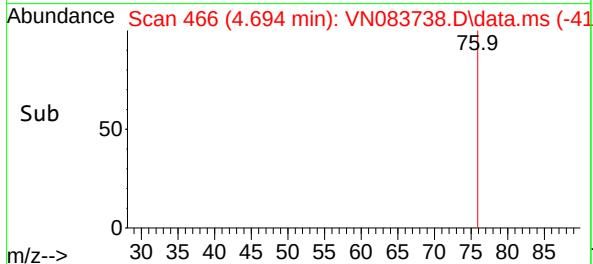
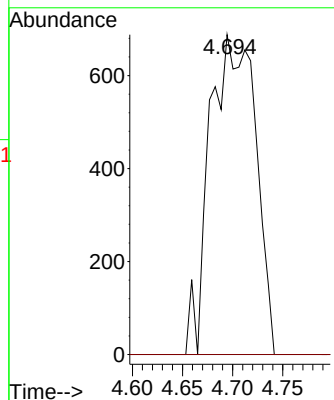


#17
Carbon Disulfide
Concen: 0.575 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.006 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

Instrument :
MSVOA_N
ClientSampleId :

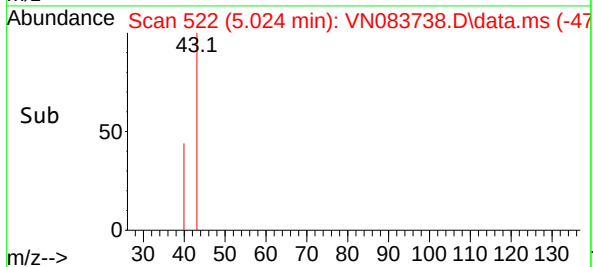
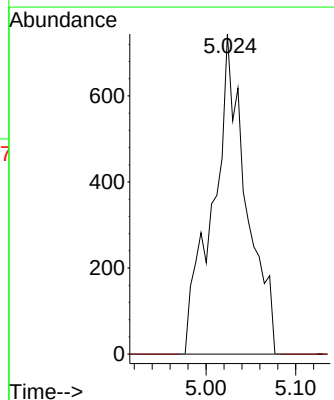
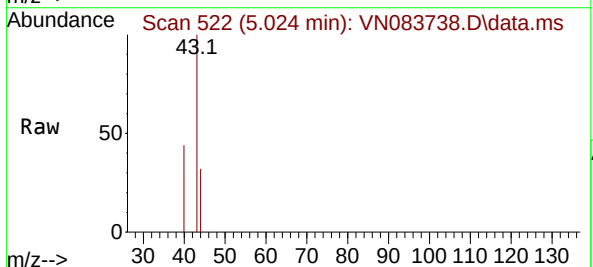


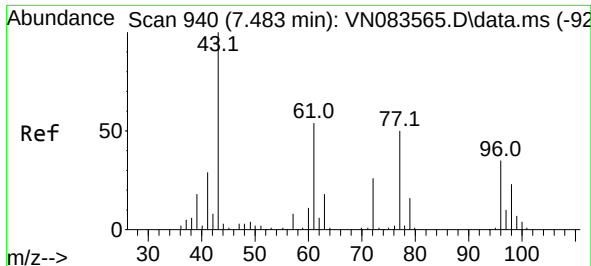
Tgt Ion: 76 Resp: 2192
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#18
Methyl Acetate
Concen: 1.087 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

Tgt Ion: 43 Resp: 1923
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#





#25

2-Butanone

Concen: 0.494 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.012 min

Lab File: VN083738.D

Acq: 09 Sep 2024 23:48

Instrument :

MSVOA_N

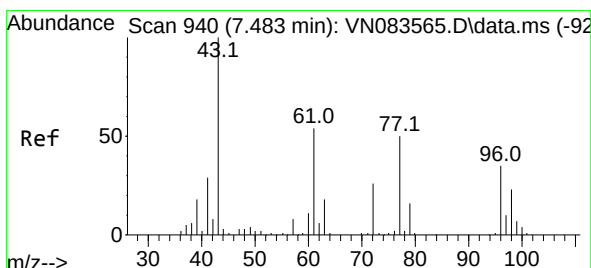
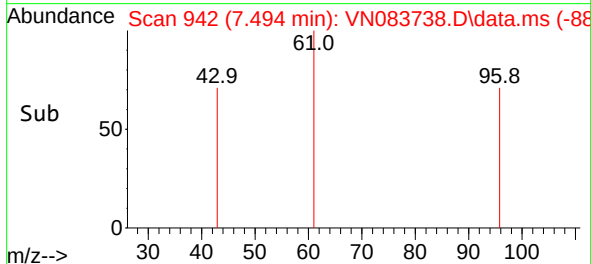
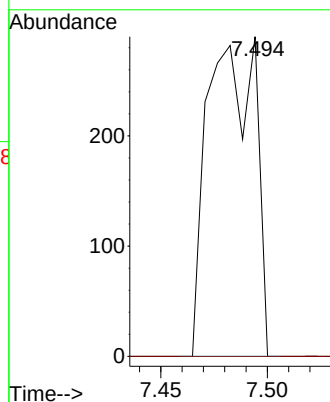
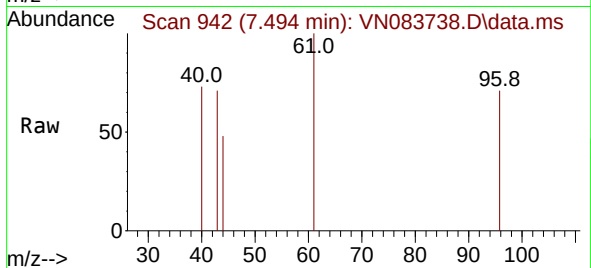
ClientSampleId :

Tgt Ion: 43 Resp: 447

Ion Ratio Lower Upper

43 100

72 0.0 20.8 31.2#



#27

cis-1,2-Dichloroethene

Concen: 0.332 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN083738.D

Acq: 09 Sep 2024 23:48

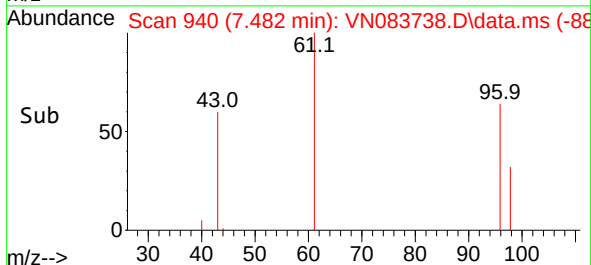
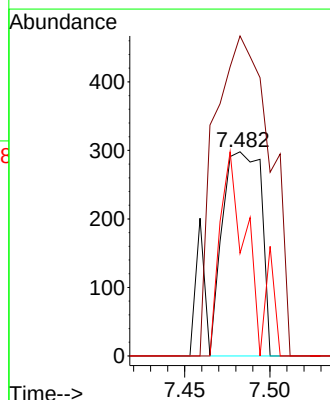
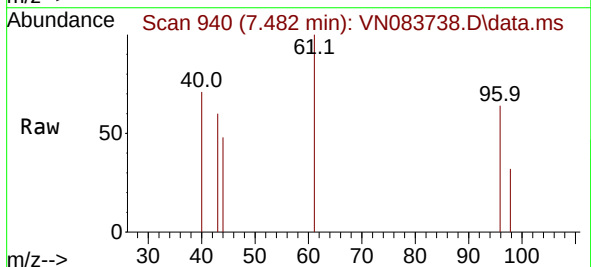
Tgt Ion: 96 Resp: 539

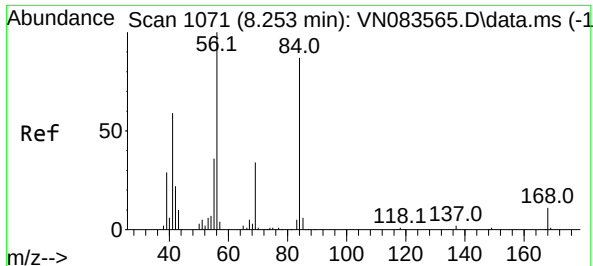
Ion Ratio Lower Upper

96 100

61 196.5 0.0 306.2

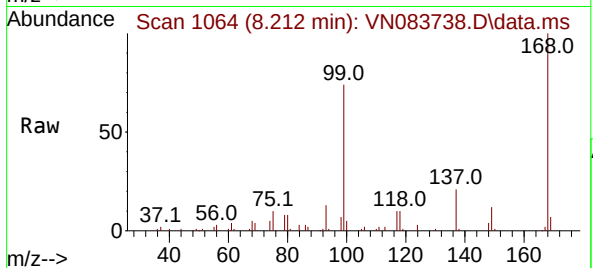
98 65.9 0.0 128.6



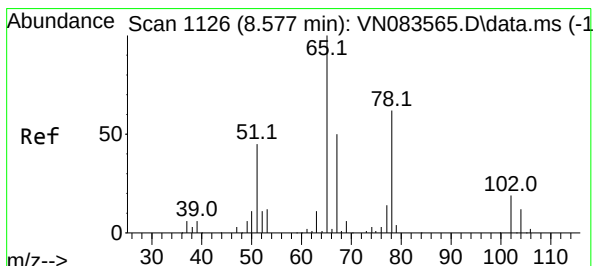
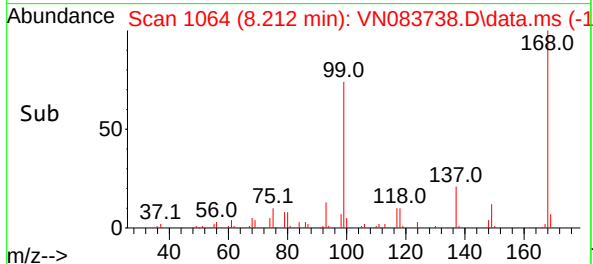
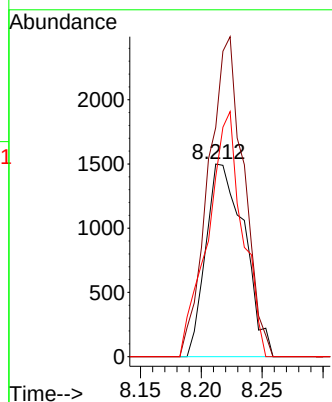


#31
Cyclohexane
Concen: 1.279 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.041 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

Instrument :
MSVOA_N
ClientSampleId :

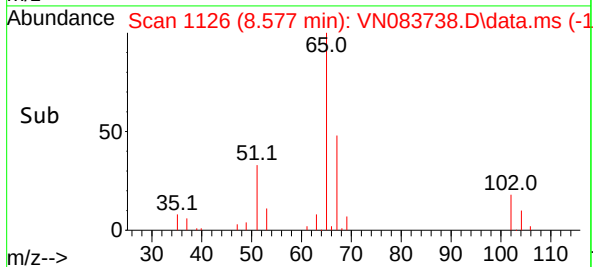
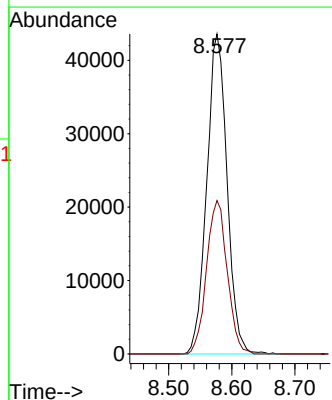
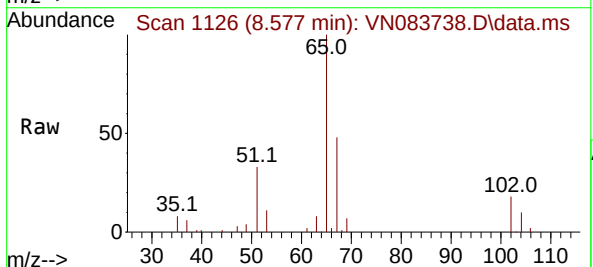


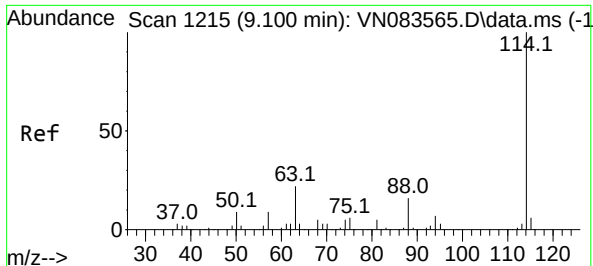
Tgt Ion: 56 Resp: 3300
Ion Ratio Lower Upper
56 100
69 118.9 26.9 40.3#
84 93.3 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 58.320 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

Tgt Ion: 65 Resp: 97249
Ion Ratio Lower Upper
65 100
67 48.9 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: VN083738.D

Acq: 09 Sep 2024 23:48

Instrument :

MSVOA_N

ClientSampleId :

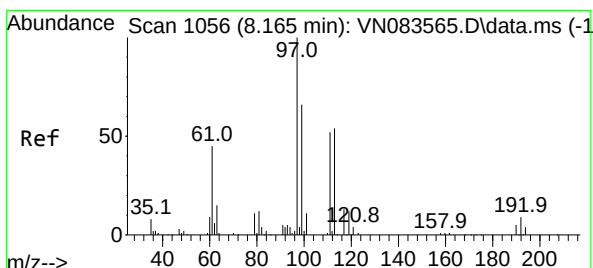
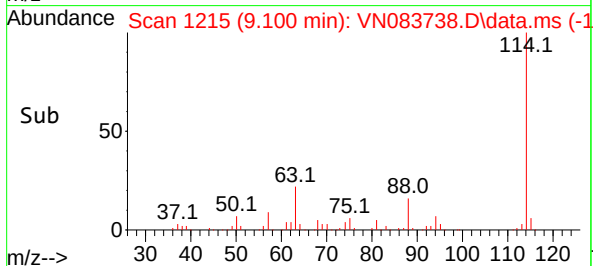
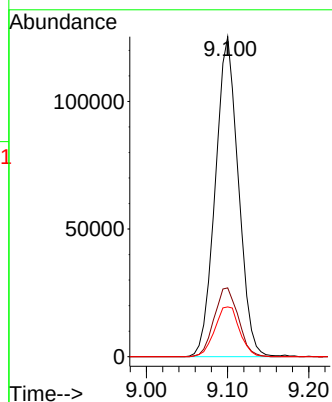
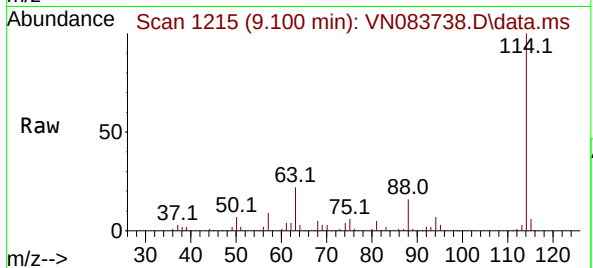
Tgt Ion:114 Resp: 247469

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.4

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.271 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083738.D

Acq: 09 Sep 2024 23:48

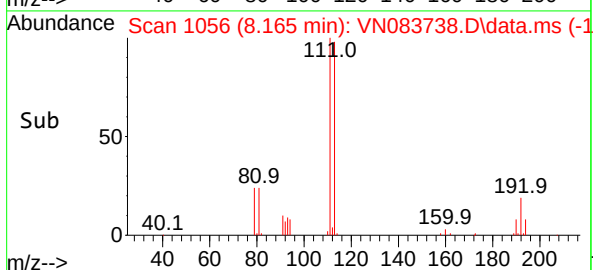
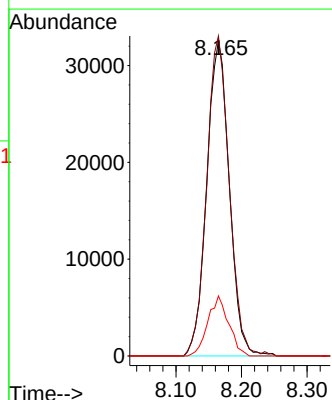
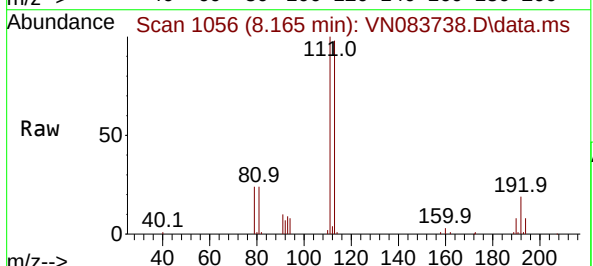
Tgt Ion:113 Resp: 77856

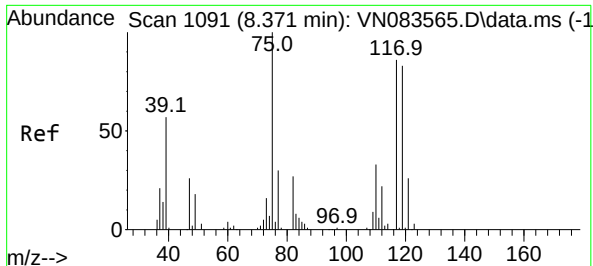
Ion Ratio Lower Upper

113 100

111 101.2 82.6 124.0

192 17.6 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.875 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

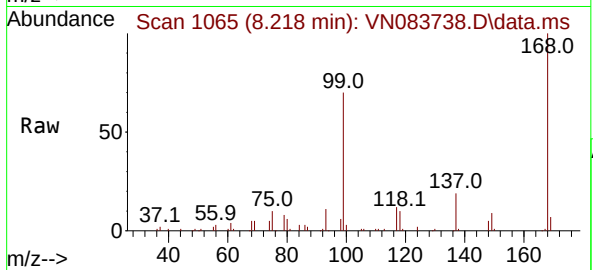
Lab File: VN083738.D

Acq: 09 Sep 2024 23:48

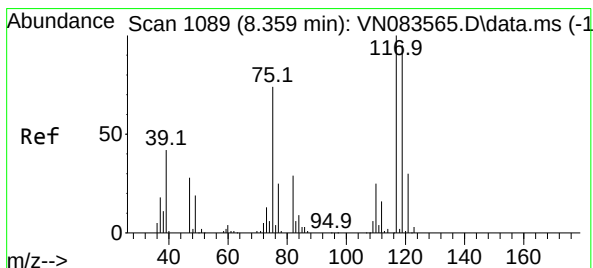
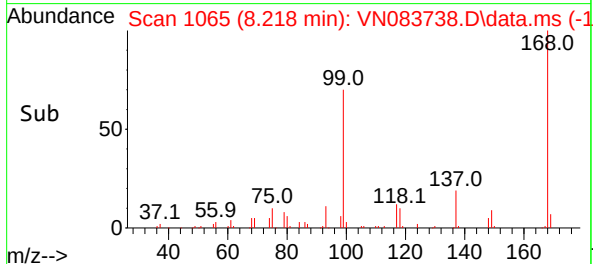
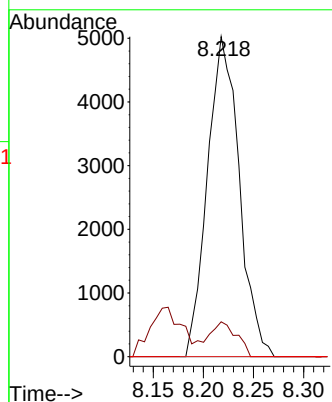
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	11075
Ion Ratio	Lower	Upper	
75	100		
110	8.7	16.7	50.1#
77	0.0	25.2	37.8#



#38

Carbon Tetrachloride

Concen: 5.208 ug/l

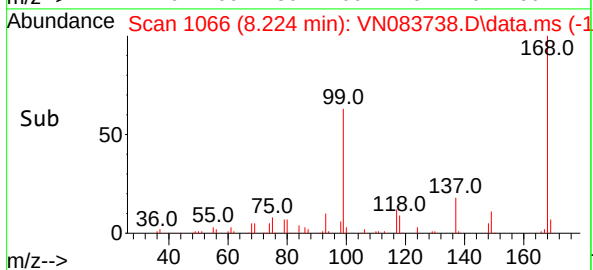
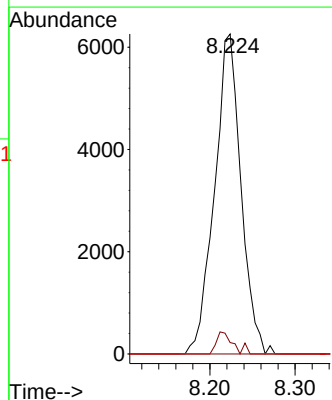
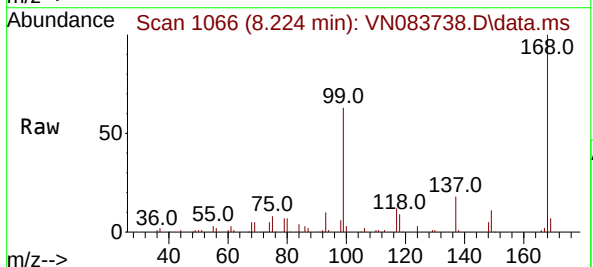
RT: 8.224 min Scan# 1066

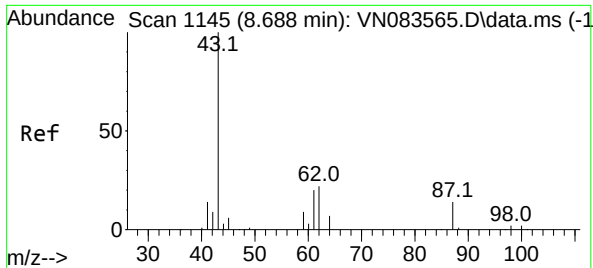
Delta R.T. -0.135 min

Lab File: VN083738.D

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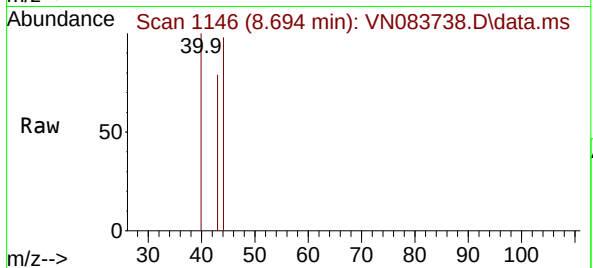
Tgt Ion:	117	Resp:	13501
Ion Ratio	Lower	Upper	
117	100		
119	3.6	76.1	114.1#
121	0.0	24.1	36.1#



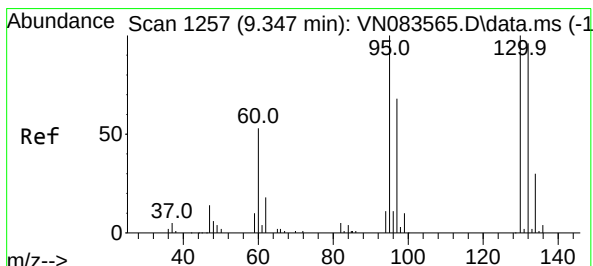
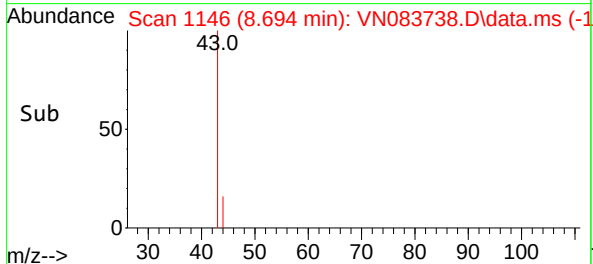
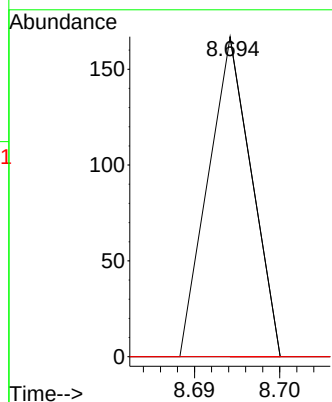


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

Instrument :
MSVOA_N
ClientSampleId :

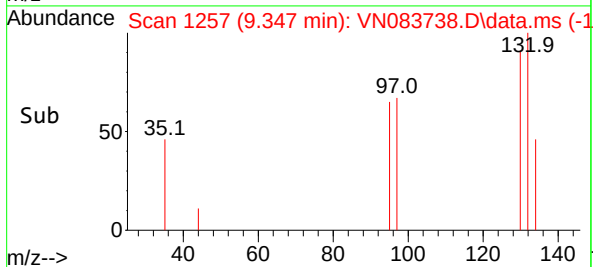
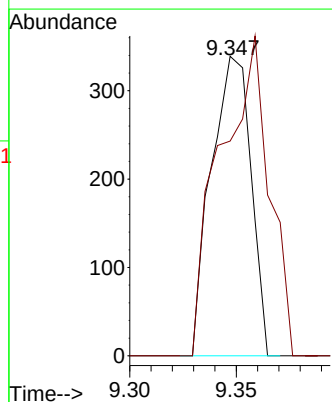
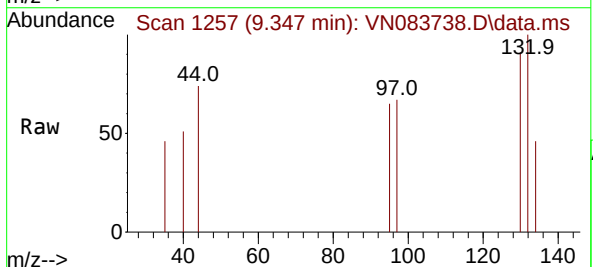


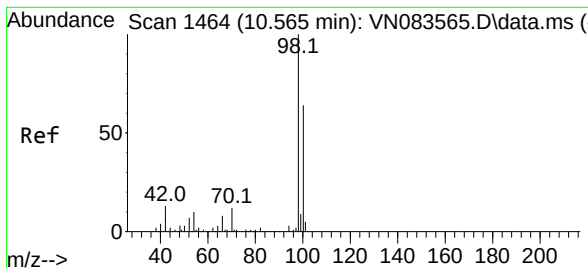
Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#44
Trichloroethene
Concen: 0.262 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

Tgt Ion: 130 Resp: 440
Ion Ratio Lower Upper
130 100
95 71.7 0.0 200.4

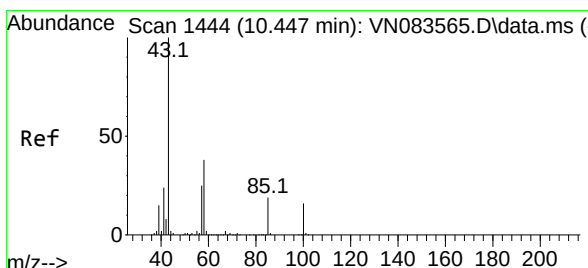
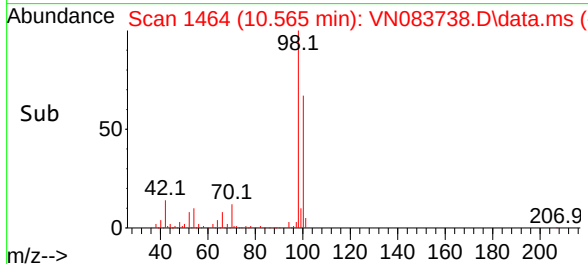
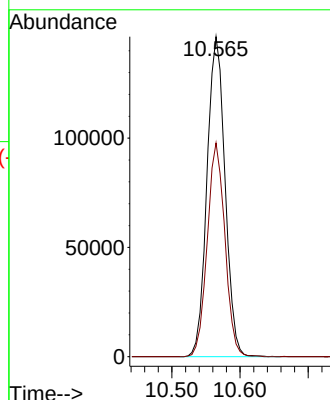
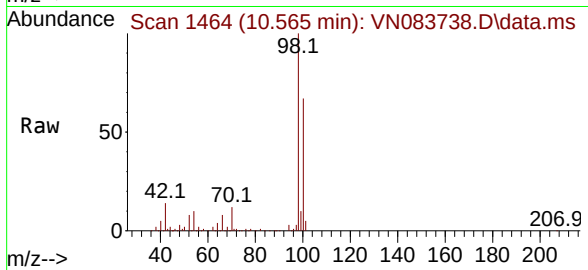




#50
Toluene-d8
Concen: 46.474 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

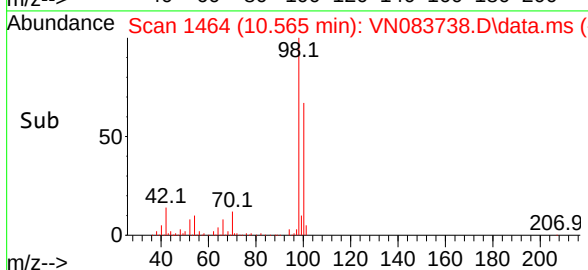
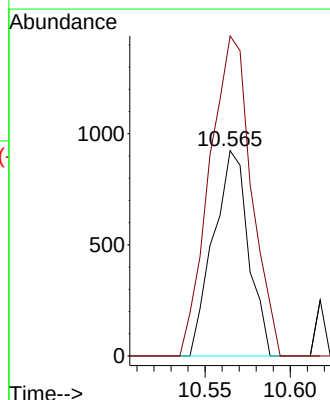
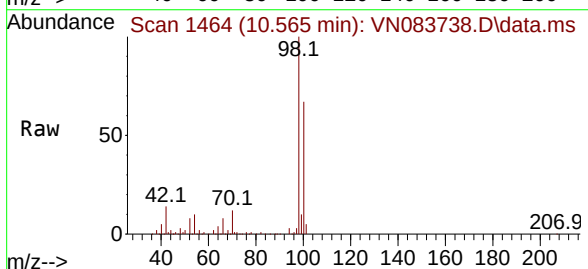
Instrument :
MSVOA_N
ClientSampleId :

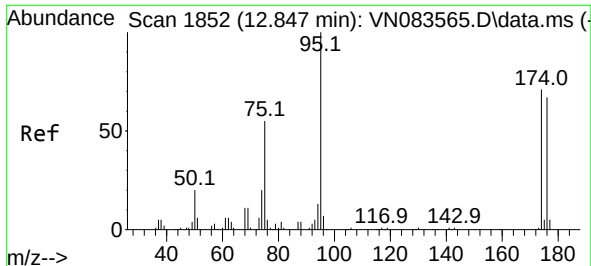
Tgt Ion: 98 Resp: 269389
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.630 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

Tgt Ion: 43 Resp: 1325
Ion Ratio Lower Upper
43 100
58 186.1 31.6 47.4#

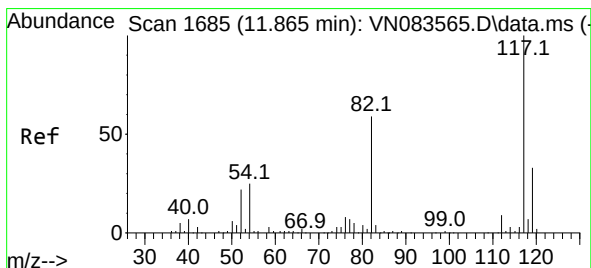
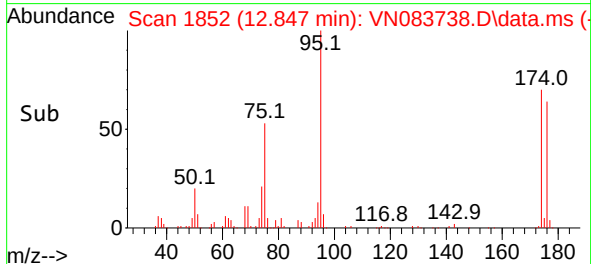
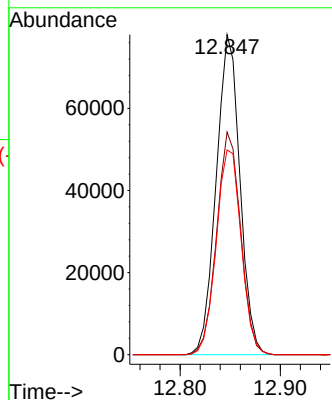
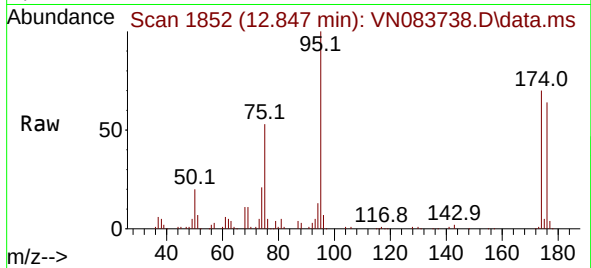




#62
4-Bromofluorobenzene
Concen: 59.633 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

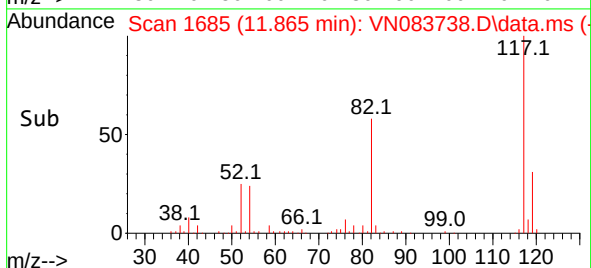
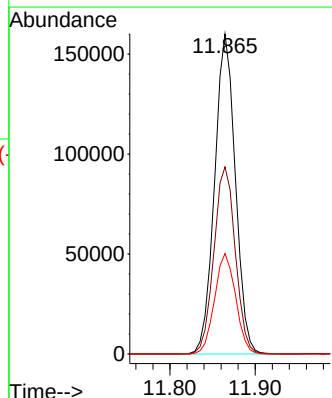
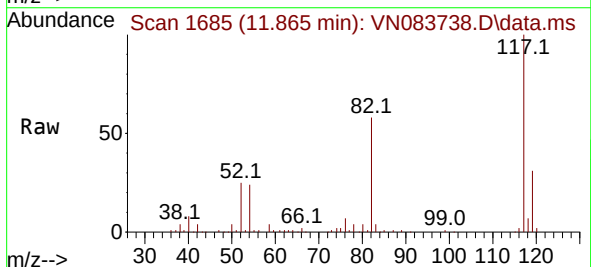
Instrument :
MSVOA_N
ClientSampleId :

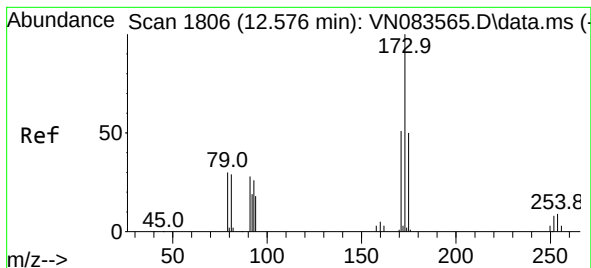
Tgt Ion: 95 Resp: 128131
Ion Ratio Lower Upper
95 100
174 70.4 0.0 139.8
176 67.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

Tgt Ion: 117 Resp: 270886
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.0
119 31.4 26.3 39.5





#71

Bromoform

Concen: 0.641 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.271 min

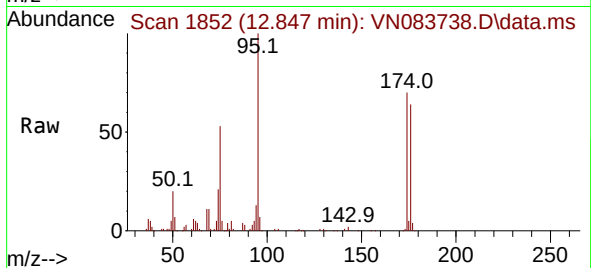
Lab File: VN083738.D

Acq: 09 Sep 2024 23:48

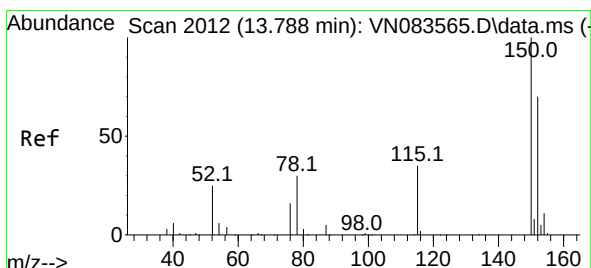
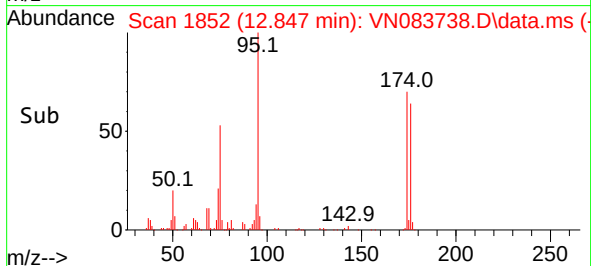
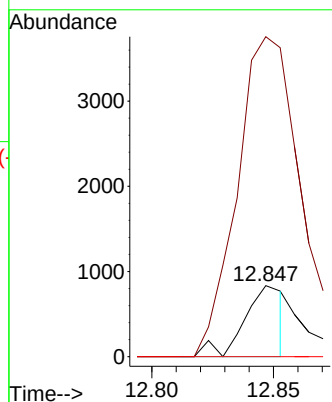
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	936
Ion Ratio	Lower	Upper	
173	100		
175	533.5	24.1	72.2#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

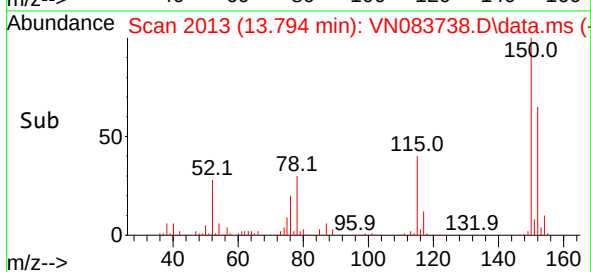
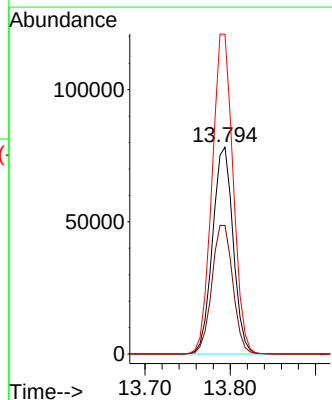
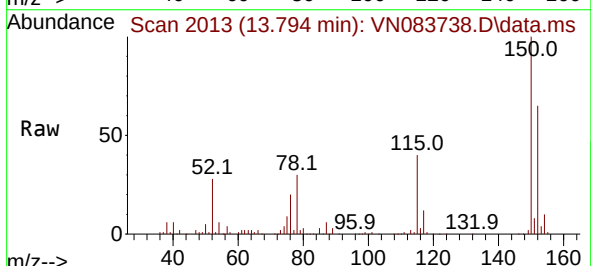
RT: 13.794 min Scan# 2013

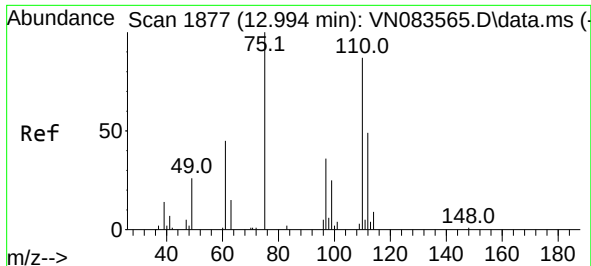
Delta R.T. 0.006 min

Lab File: VN083738.D

Acq: 09 Sep 2024 23:48

Tgt Ion:	152	Resp:	131122
Ion Ratio	Lower	Upper	
152	100		
115	63.5	32.2	96.6
150	158.3	0.0	348.6

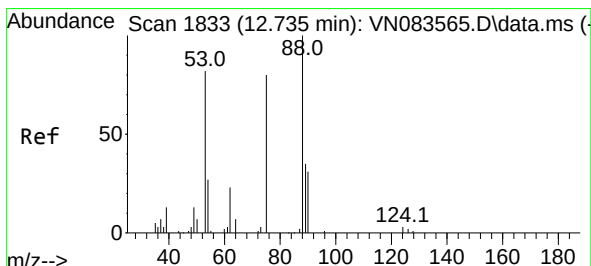
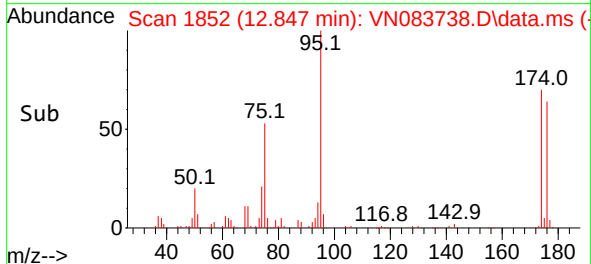
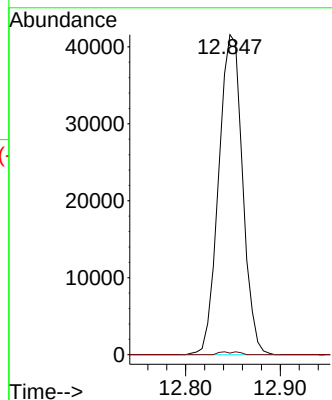
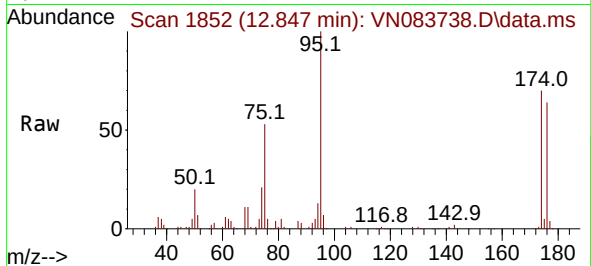




#76
1,2,3-Trichloropropane
Concen: 27.533 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 72888
Ion Ratio Lower Upper
75 100
77 0.7 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.938 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083738.D
Acq: 09 Sep 2024 23:48

Tgt Ion: 75 Resp: 72888
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

