

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090524\
 Data File : VN083676.D
 Acq On : 05 Sep 2024 15:26
 Operator : JC\MD
 Sample : P3815-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 06 02:18:33 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)

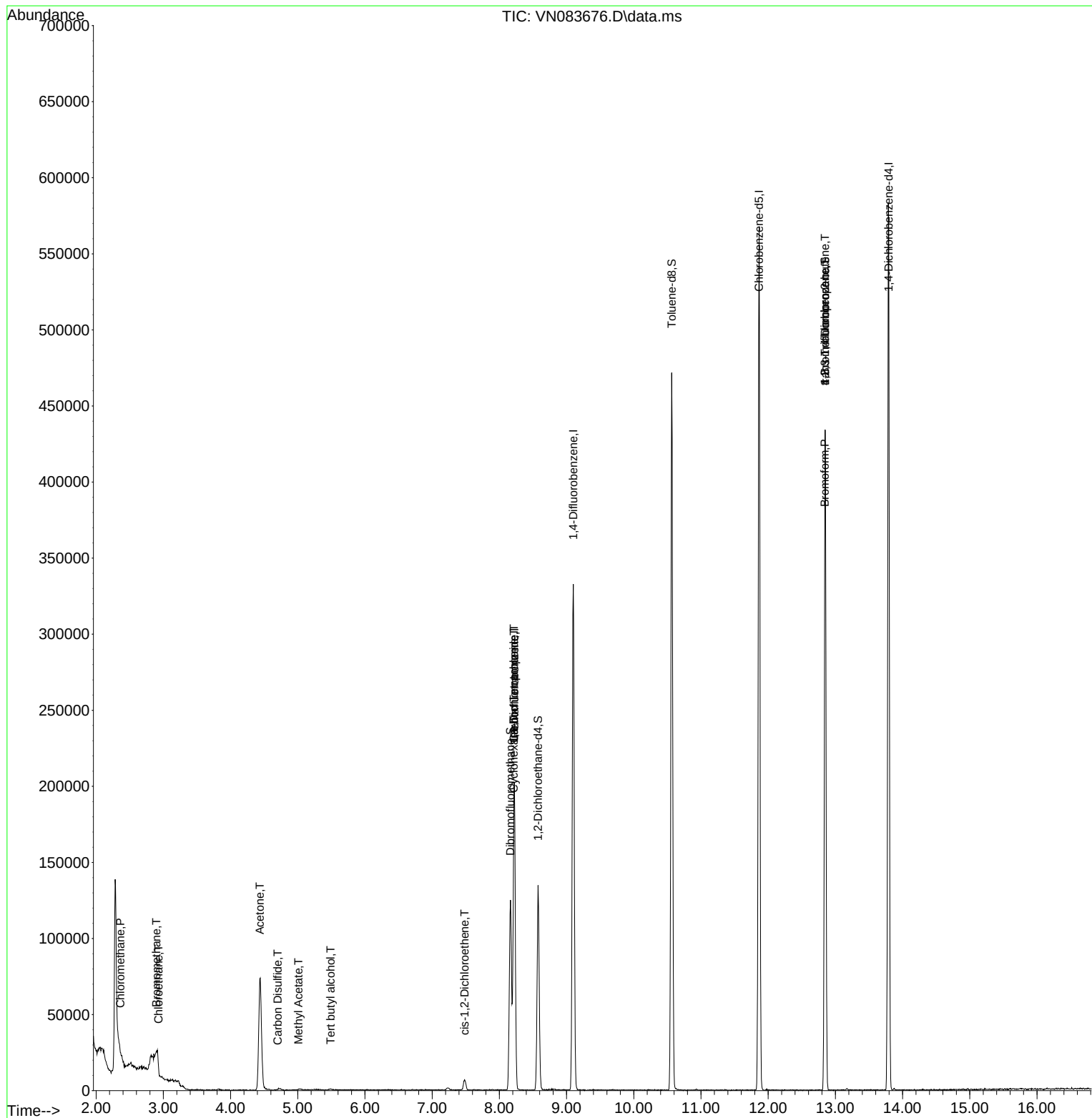
Internal Standards						
1) Pentafluorobenzene	8.224	168	138409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	282832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	307949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109068	56.383	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 112.760%		
35) Dibromofluoromethane	8.165	113	87177	51.211	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.420%		
50) Toluene-d8	10.565	98	316905	47.802	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 95.600%		
62) 4-Bromofluorobenzene	12.847	95	151048	61.509	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 123.020%#		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1094	0.641	ug/l	93
5) Bromomethane	2.895	94	294	0.327	ug/l #	2
6) Chloroethane	2.930	64	3610	3.235	ug/l #	69
11) Tert butyl alcohol	5.488	59	360	1.194	ug/l #	71
16) Acetone	4.436	43	2759	3.577	ug/l #	45
17) Carbon Disulfide	4.700	76	1212	0.274	ug/l #	75
18) Methyl Acetate	5.012	43	555	0.271	ug/l #	73
27) cis-1,2-Dichloroethene	7.482	96	4424	2.347	ug/l	83
31) Cyclohexane	8.212	56	3561	1.190	ug/l #	46
36) 1,1-Dichloropropene	8.218	75	12601	4.853	ug/l #	52
38) Carbon Tetrachloride	8.218	117	15940	5.381	ug/l #	15
43) Isopropyl Acetate	8.700	43	69	Below Cal	#	57
71) Bromoform	12.841	173	370	0.223	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	85713	28.722	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	85713	67.743	ug/l #	9

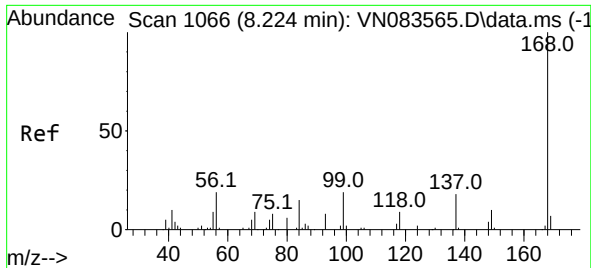
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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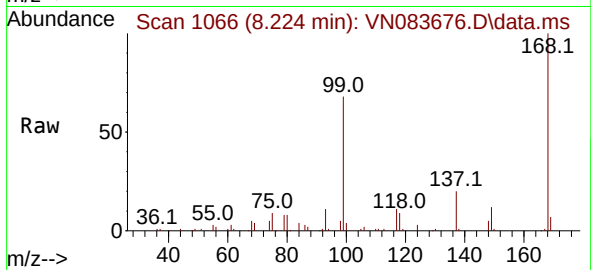
Quant Time: Sep 06 02:18:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
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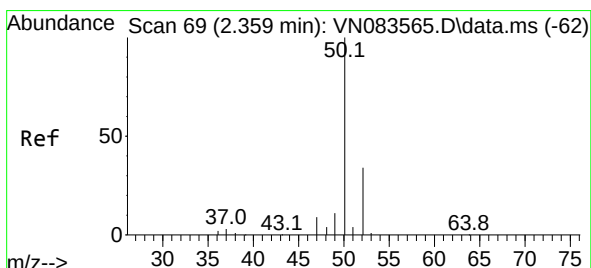
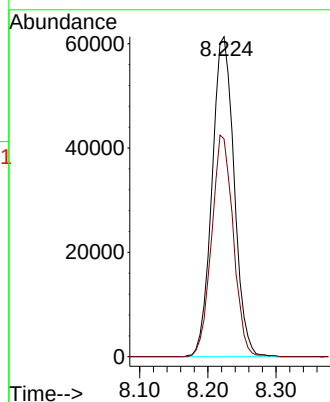
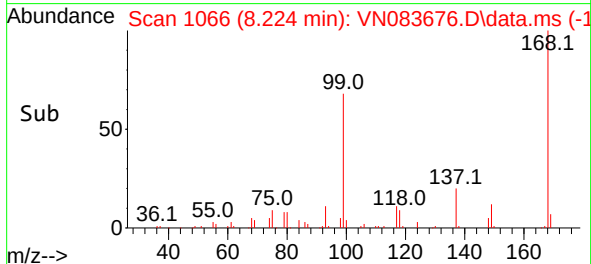


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083676.D
Acq: 05 Sep 2024 15:26

Instrument :
MSVOA_N
ClientSampleId :

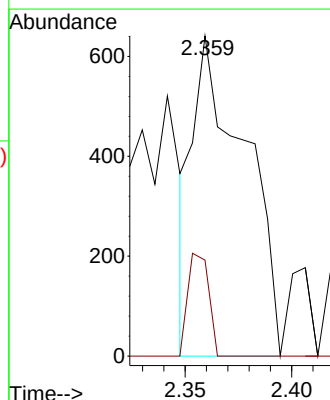
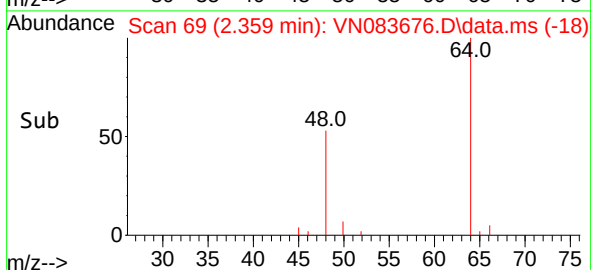
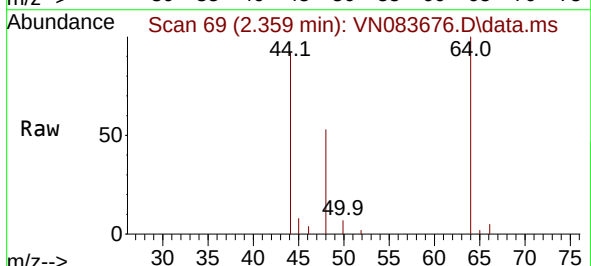


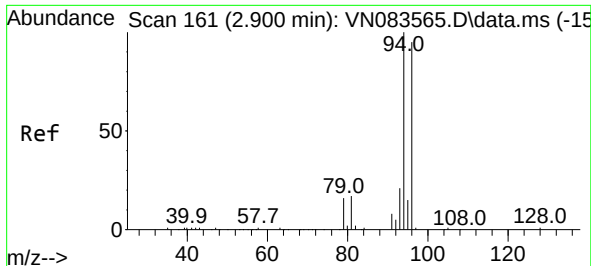
Tgt Ion:168 Resp: 138409
Ion Ratio Lower Upper
168 100
99 68.1 54.2 81.2



#3
Chloromethane
Concen: 0.641 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083676.D
Acq: 05 Sep 2024 15:26

Tgt Ion: 50 Resp: 1094
Ion Ratio Lower Upper
50 100
52 30.0 27.2 40.8

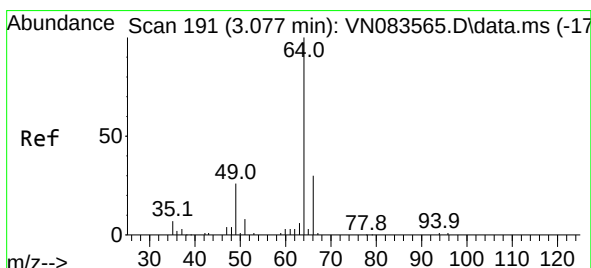
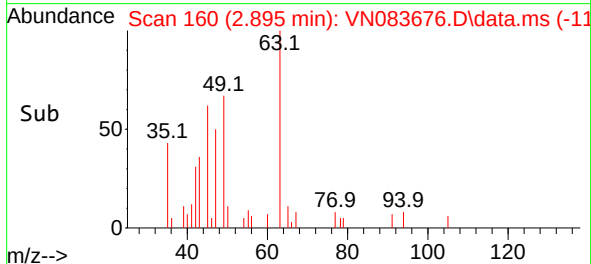
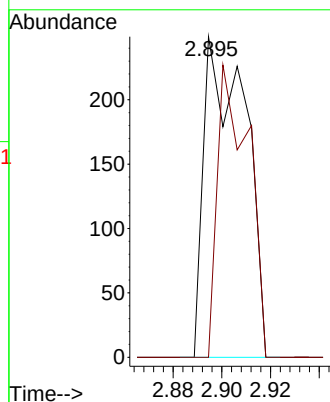
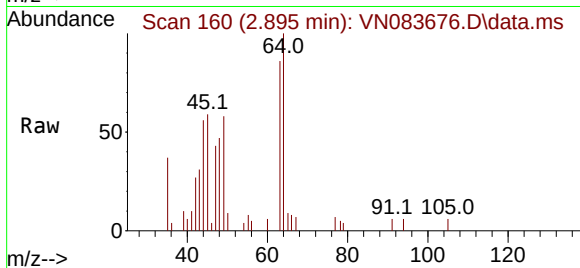




#5
Bromomethane
Concen: 0.327 ug/l
RT: 2.895 min Scan# 161
Delta R.T. -0.006 min
Lab File: VN083676.D
Acq: 05 Sep 2024 15:26

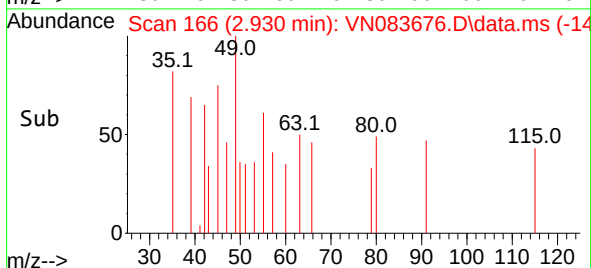
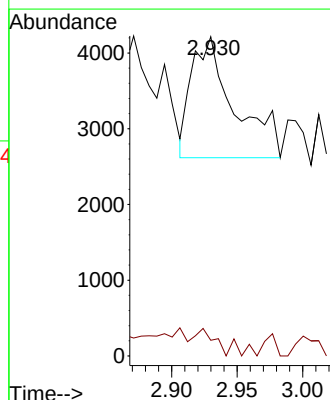
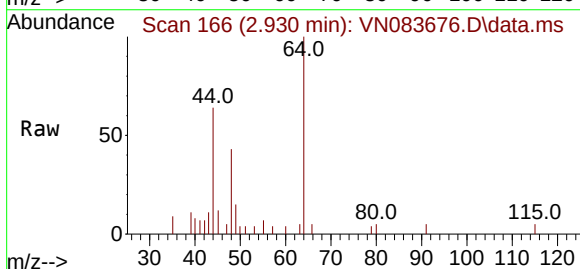
Instrument :
MSVOA_N
ClientSampleId :

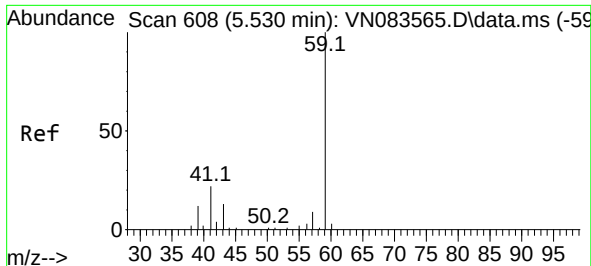
Tgt Ion: 94 Resp: 294
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: 3.235 ug/l
RT: 2.930 min Scan# 166
Delta R.T. -0.147 min
Lab File: VN083676.D
Acq: 05 Sep 2024 15:26

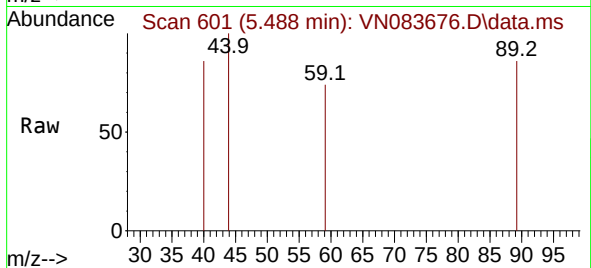
Tgt Ion: 64 Resp: 3610
Ion Ratio Lower Upper
64 100
66 13.0 23.9 35.9#



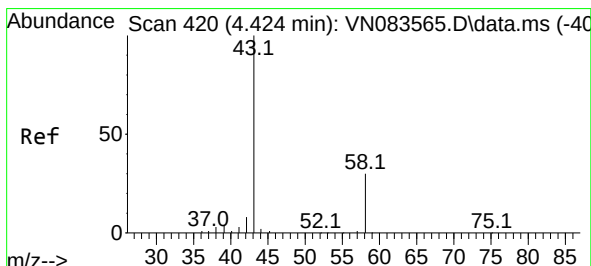
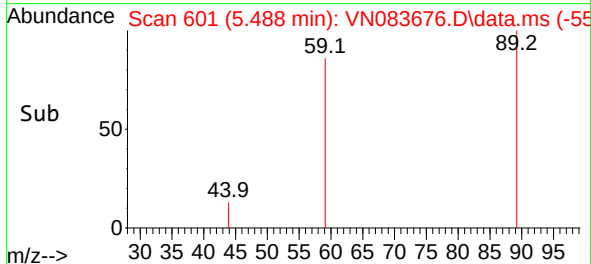
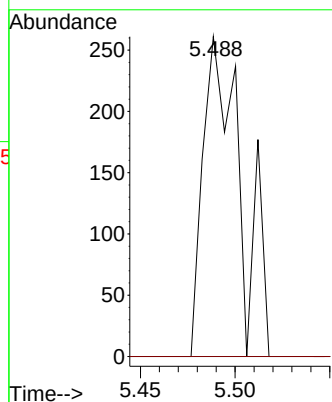


#11
Tert butyl alcohol
Concen: 1.194 ug/l
RT: 5.488 min Scan# 608
Delta R.T. -0.041 min
Lab File: VN083676.D
Acq: 05 Sep 2024 15:26

Instrument :
MSVOA_N
ClientSampleId :

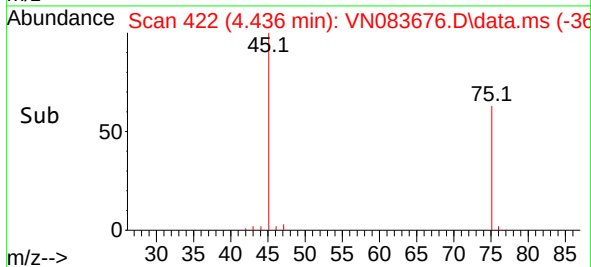
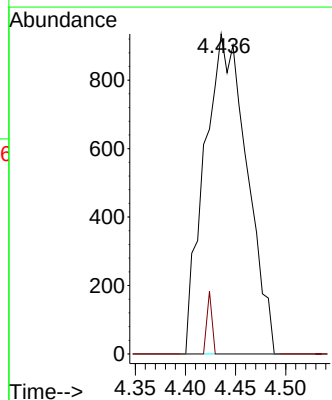
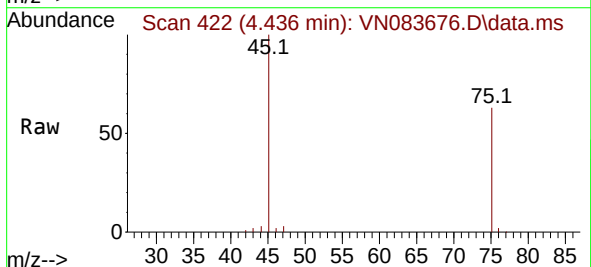


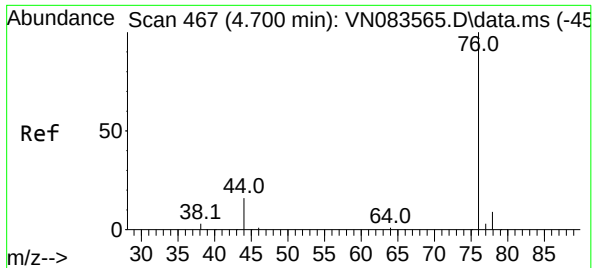
Tgt Ion: 59 Resp: 360
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#16
Acetone
Concen: 3.577 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN083676.D
Acq: 05 Sep 2024 15:26

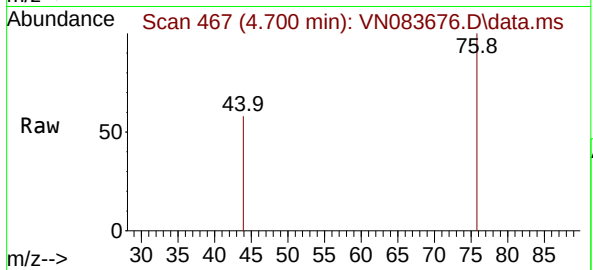
Tgt Ion: 43 Resp: 2759
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



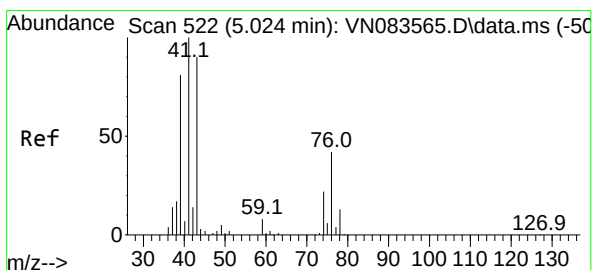
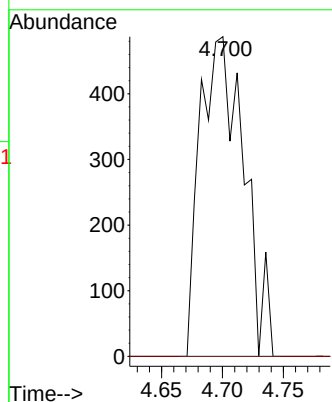
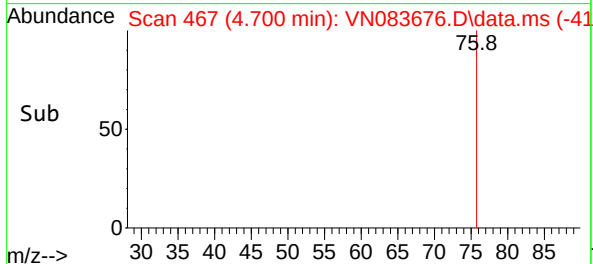


#17
Carbon Disulfide
Concen: 0.274 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN083676.D
Acq: 05 Sep 2024 15:26

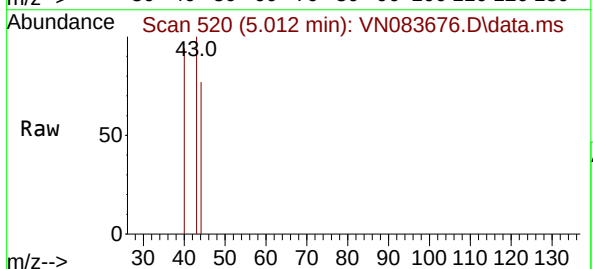
Instrument :
MSVOA_N
ClientSampleId :



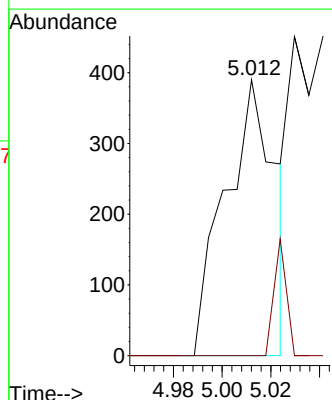
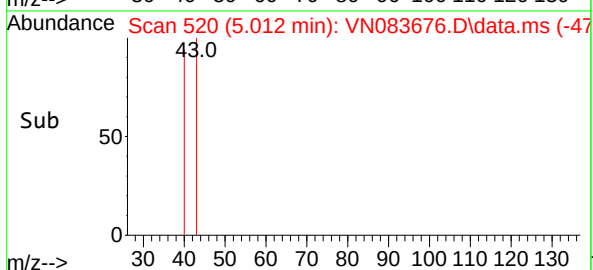
Tgt Ion: 76 Resp: 1212
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#

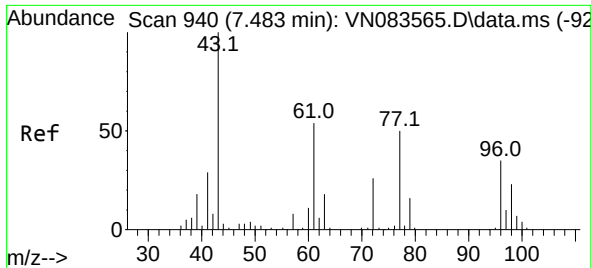


#18
Methyl Acetate
Concen: 0.271 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.012 min
Lab File: VN083676.D
Acq: 05 Sep 2024 15:26



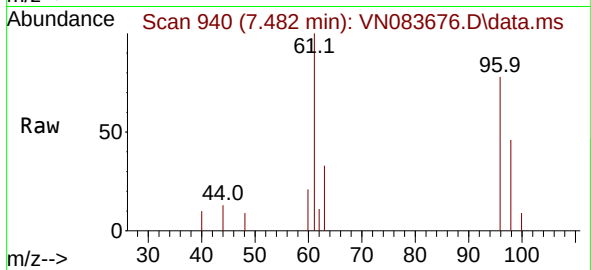
Tgt Ion: 43 Resp: 555
Ion Ratio Lower Upper
43 100
74 10.5 19.0 28.4#



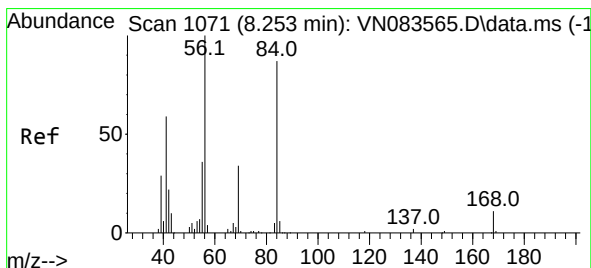
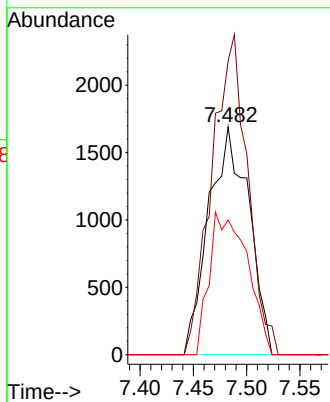
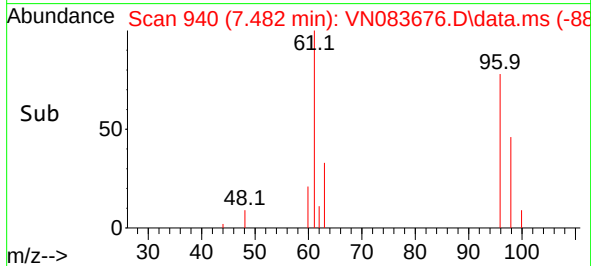


#27
 cis-1,2-Dichloroethene
 Concen: 2.347 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN083676.D
 Acq: 05 Sep 2024 15:26

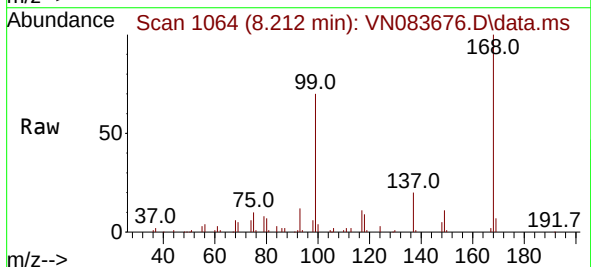
Instrument :
 MSVOA_N
 ClientSampleId :



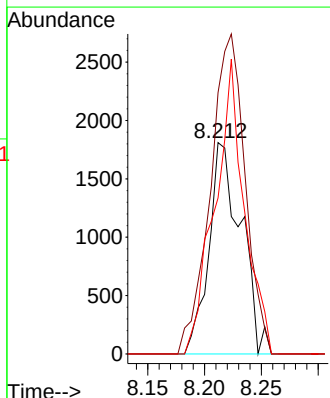
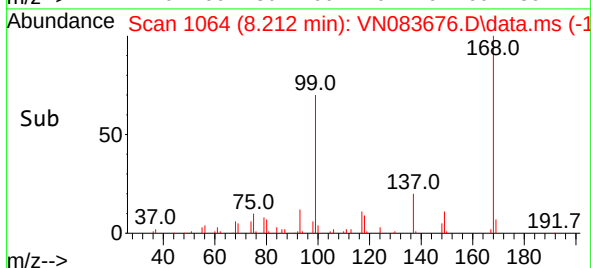
Tgt Ion:	96	Resp:	4424
Ion	Ratio	Lower	Upper
96	100		
61	125.5	0.0	306.2
98	59.4	0.0	128.6

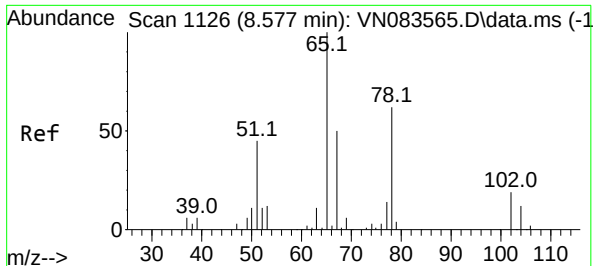


#31
 Cyclohexane
 Concen: 1.190 ug/l
 RT: 8.212 min Scan# 1064
 Delta R.T. -0.041 min
 Lab File: VN083676.D
 Acq: 05 Sep 2024 15:26



Tgt Ion:	56	Resp:	3561
Ion	Ratio	Lower	Upper
56	100		
69	123.6	26.9	40.3#
84	73.9	69.2	103.8





#33

1,2-Dichloroethane-d4

Concen: 56.383 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083676.D

Acq: 05 Sep 2024 15:26

Instrument :

MSVOA_N

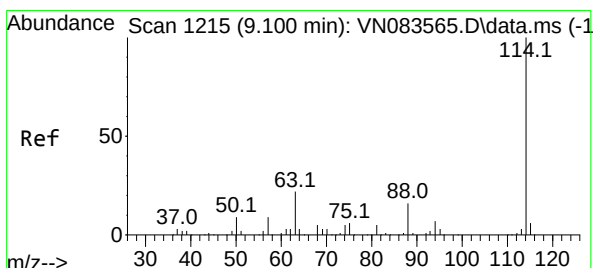
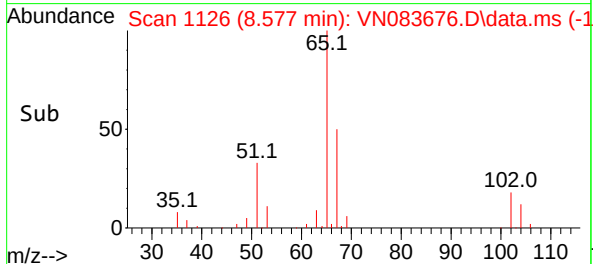
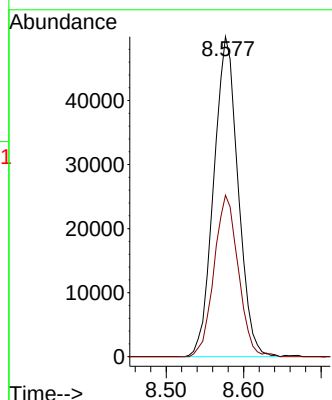
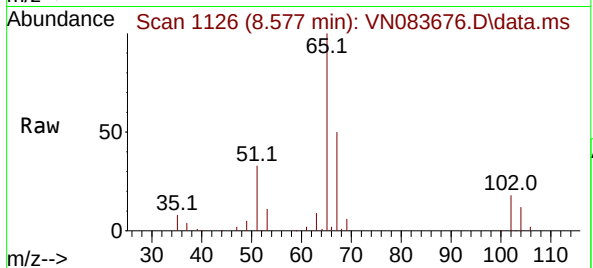
ClientSampleId :

Tgt Ion: 65 Resp: 109068

Ion Ratio Lower Upper

65 100

67 50.1 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: VN083676.D

Acq: 05 Sep 2024 15:26

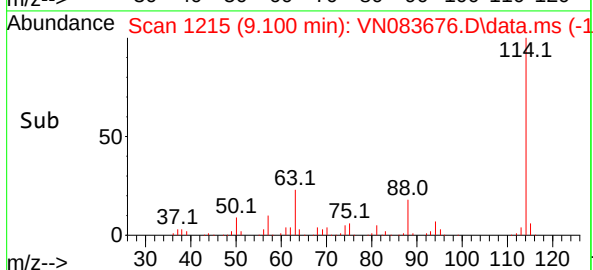
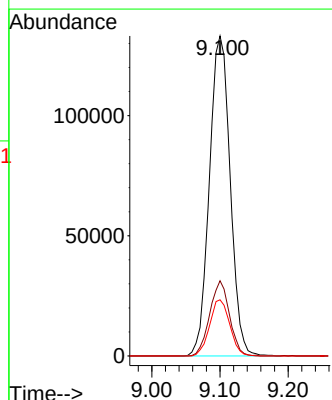
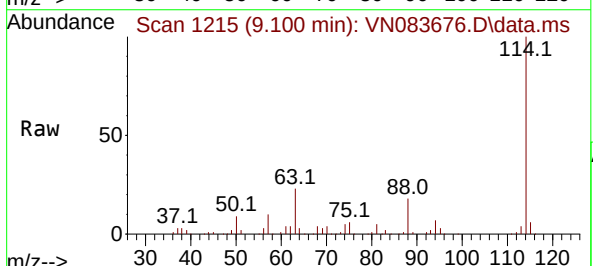
Tgt Ion: 114 Resp: 282832

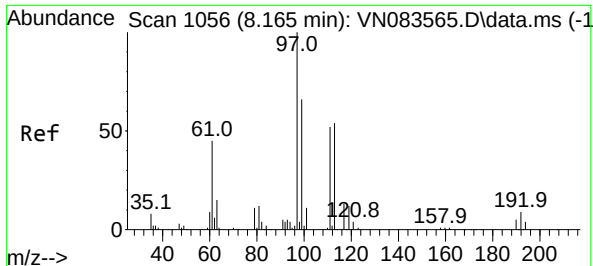
Ion Ratio Lower Upper

114 100

63 23.5 0.0 43.4

88 17.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.211 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

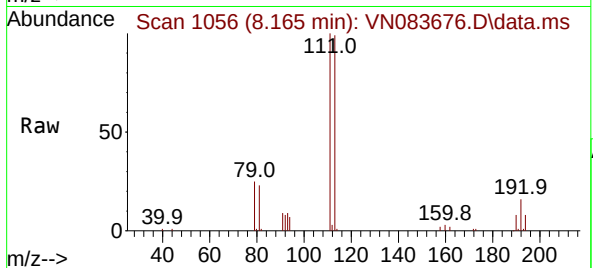
Lab File: VN083676.D

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MSVOA_N

ClientSampleId :



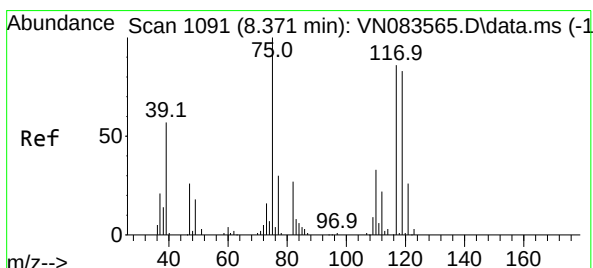
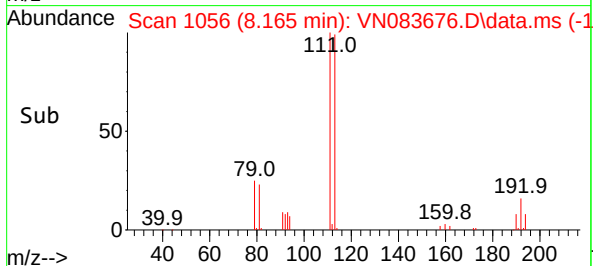
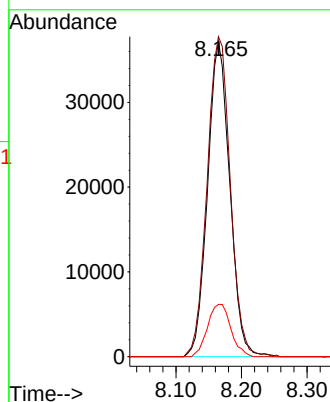
Tgt Ion:113 Resp: 87177

Ion Ratio Lower Upper

113 100

111 106.0 82.6 124.0

192 17.5 14.3 21.5



#36

1,1-Dichloropropene

Concen: 4.853 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN083676.D

Acq: 05 Sep 2024 15:26

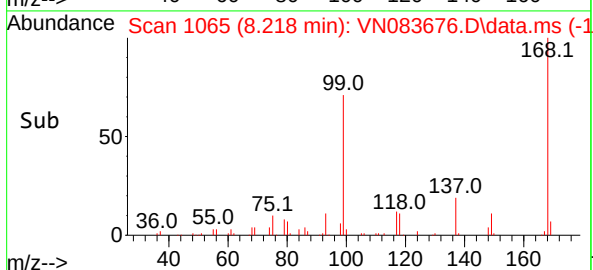
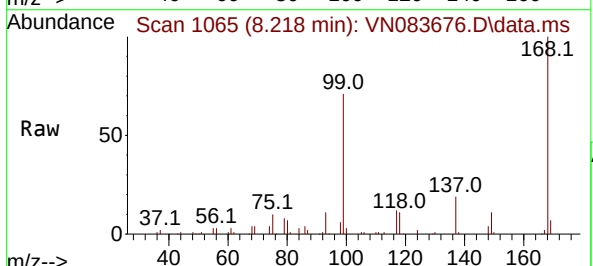
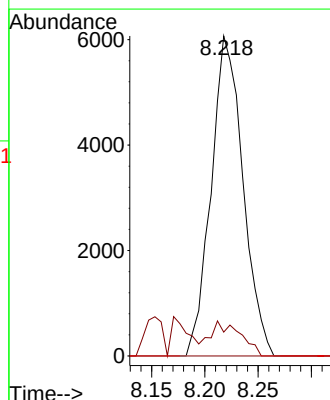
Tgt Ion: 75 Resp: 12601

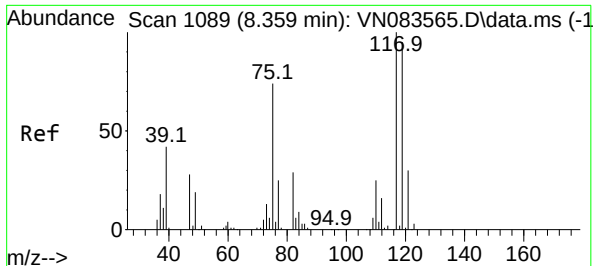
Ion Ratio Lower Upper

75 100

110 10.4 16.7 50.1#

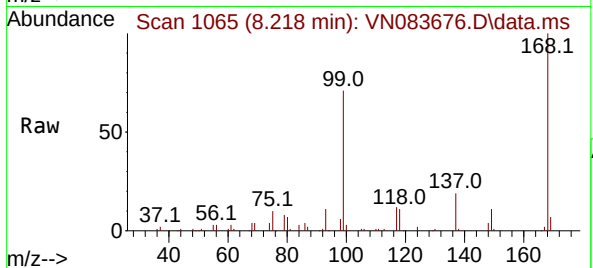
77 0.0 25.2 37.8#



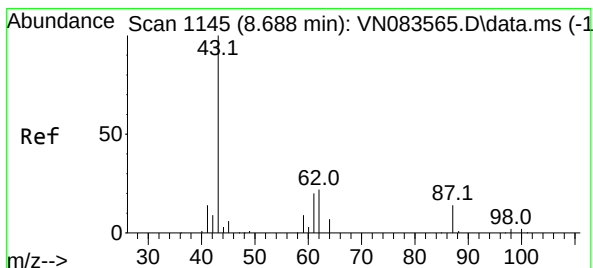
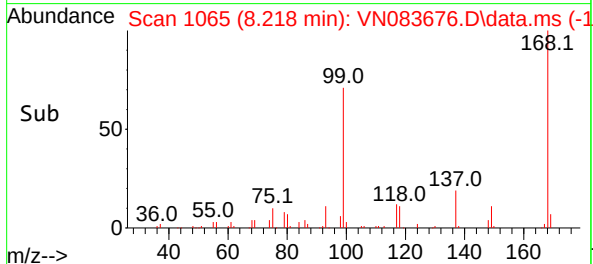
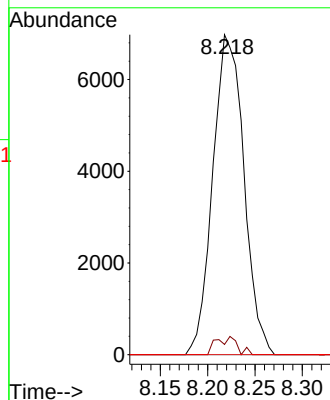


#38
Carbon Tetrachloride
Concen: 5.381 ug/l
RT: 8.218 min Scan# 1089
Delta R.T. -0.141 min
Lab File: VN083676.D
Acq: 05 Sep 2024 15:26

Instrument :
MSVOA_N
ClientSampleId :

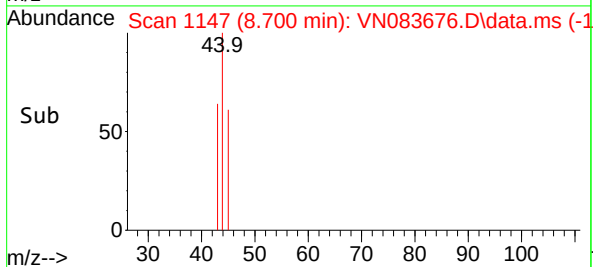
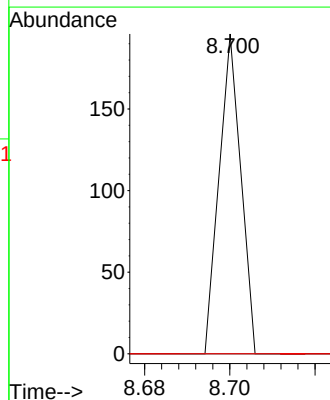
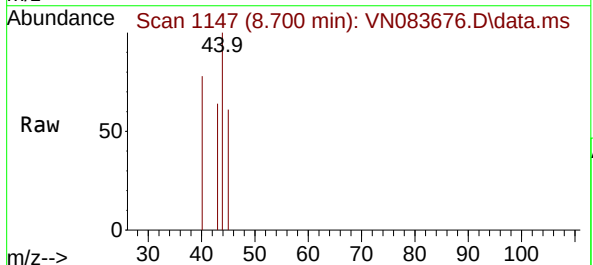


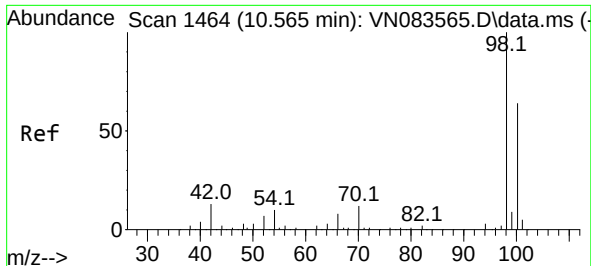
Tgt Ion:117 Resp: 15940
Ion Ratio Lower Upper
117 100
119 3.2 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.700 min Scan# 1147
Delta R.T. 0.012 min
Lab File: VN083676.D
Acq: 05 Sep 2024 15:26

Tgt Ion: 43 Resp: 69
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

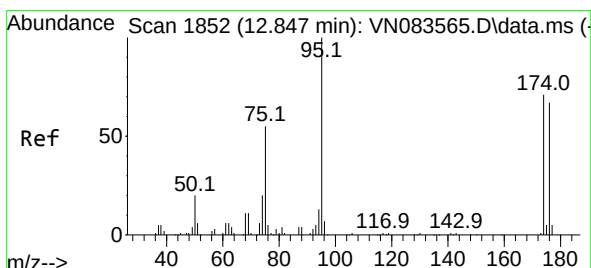
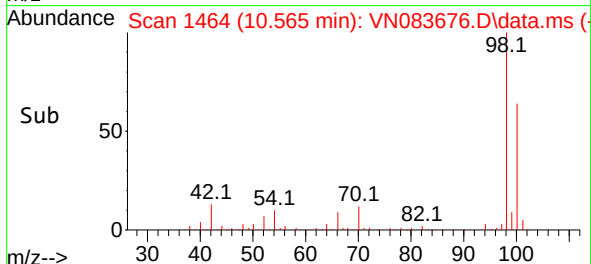
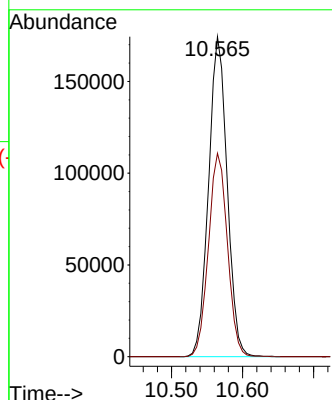
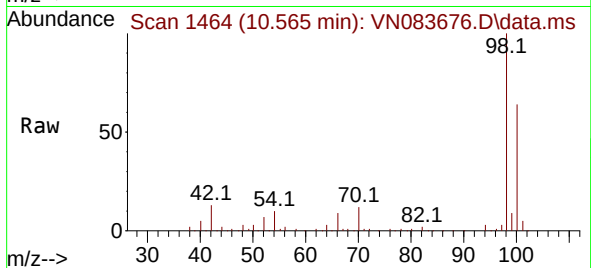




#50
Toluene-d8
Concen: 47.802 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083676.D
Acq: 05 Sep 2024 15:26

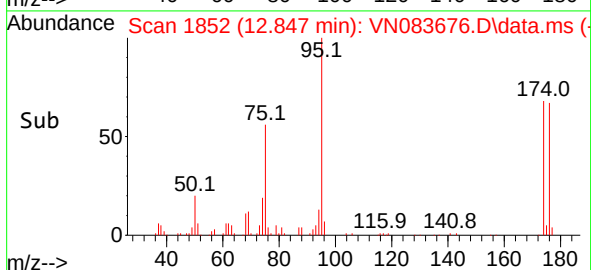
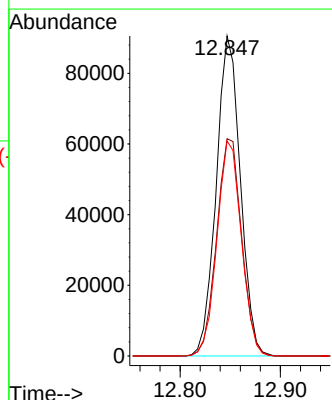
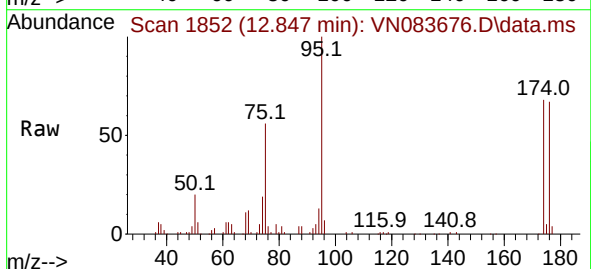
Instrument :
MSVOA_N
ClientSampleId :

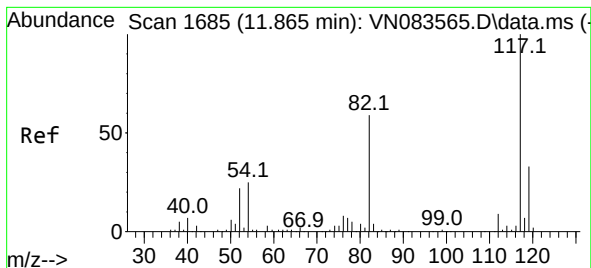
Tgt Ion: 98 Resp: 316905
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 61.509 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083676.D
Acq: 05 Sep 2024 15:26

Tgt Ion: 95 Resp: 151048
Ion Ratio Lower Upper
95 100
174 70.5 0.0 139.8
176 67.7 0.0 131.4

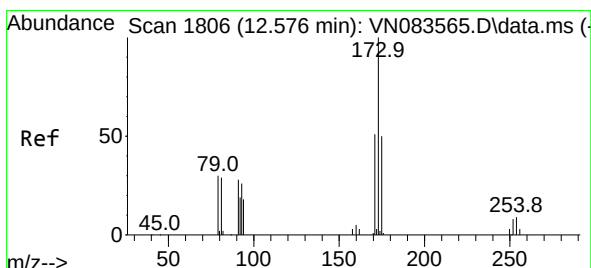
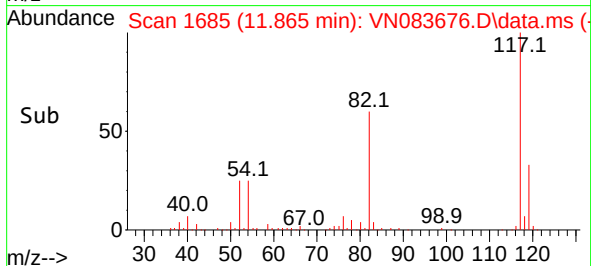
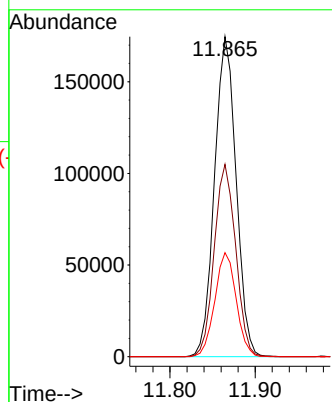
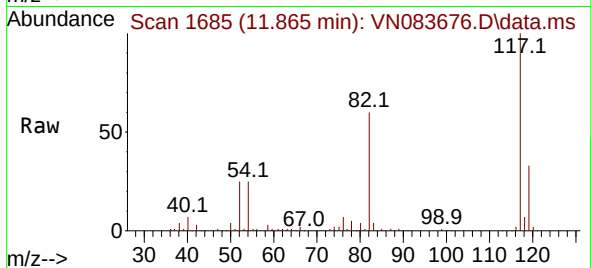




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083676.D
Acq: 05 Sep 2024 15:26

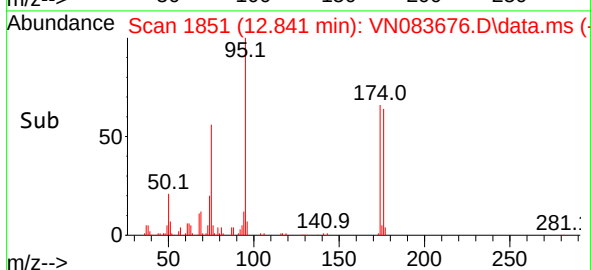
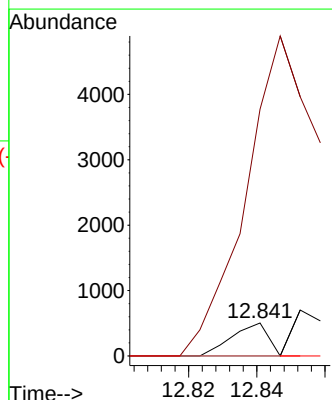
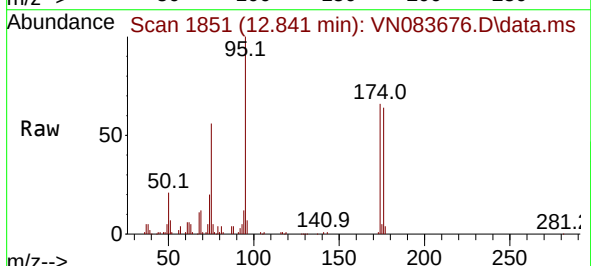
Instrument :
MSVOA_N
ClientSampleId :

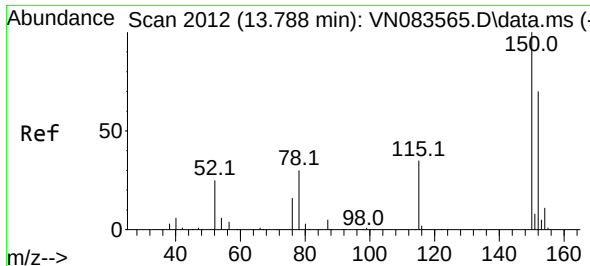
Tgt Ion:117 Resp: 307949
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.0
119 32.5 26.3 39.5



#71
Bromoform
Concen: 0.223 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN083676.D
Acq: 05 Sep 2024 15:26

Tgt Ion:173 Resp: 370
Ion Ratio Lower Upper
173 100
175 1528.4 24.1 72.2#
254 0.0 0.0 0.0

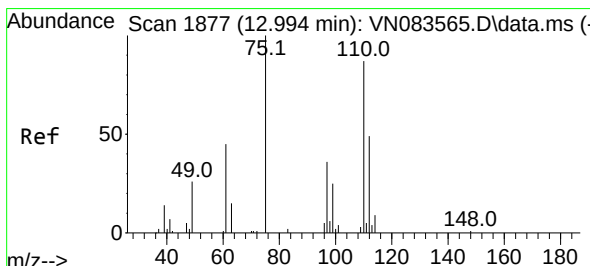
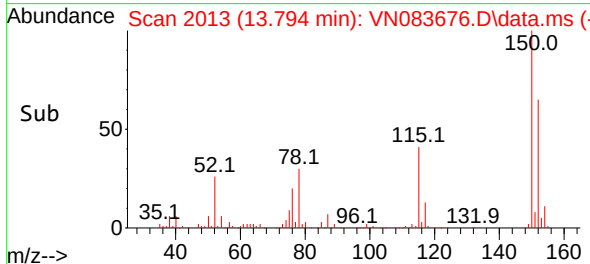
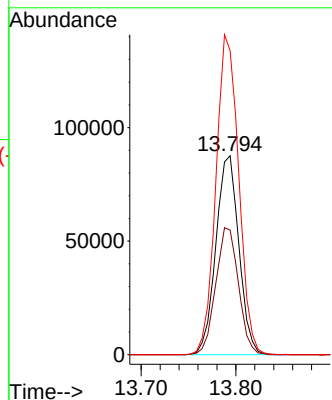
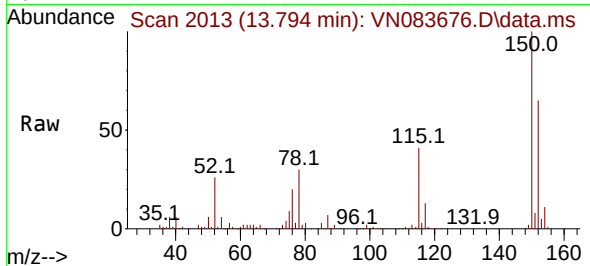




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN083676.D
Acq: 05 Sep 2024 15:26

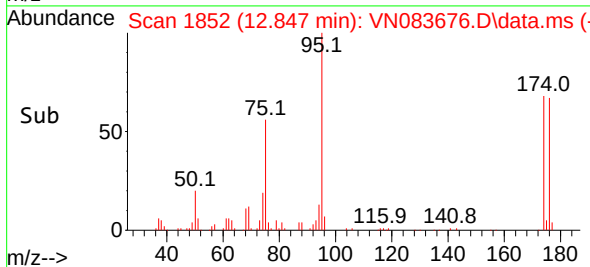
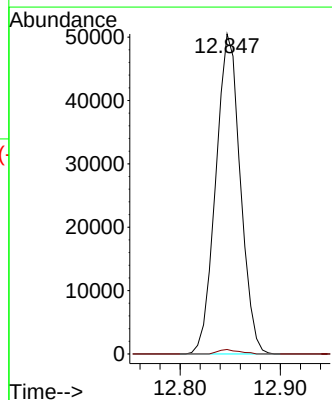
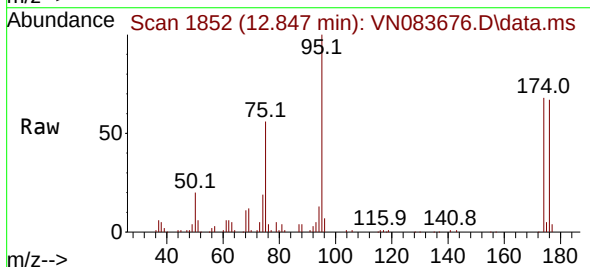
Instrument :
MSVOA_N
ClientSampleId :

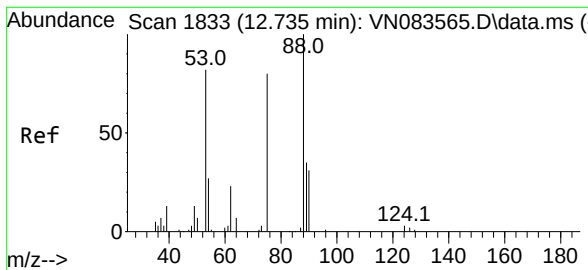
Tgt Ion:152 Resp: 147809
Ion Ratio Lower Upper
152 100
115 63.1 32.2 96.6
150 159.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 28.722 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083676.D
Acq: 05 Sep 2024 15:26

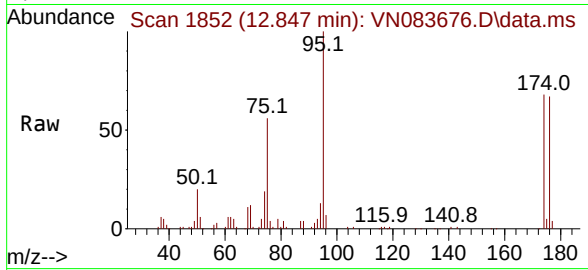
Tgt Ion: 75 Resp: 85713
Ion Ratio Lower Upper
75 100
77 1.2 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.743 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083676.D
Acq: 05 Sep 2024 15:26

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 85713
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

