

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083570.D
 Acq On : 30 Aug 2024 12:05
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 31 00:36:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:23:16 2024
 Response via : Initial Calibration

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

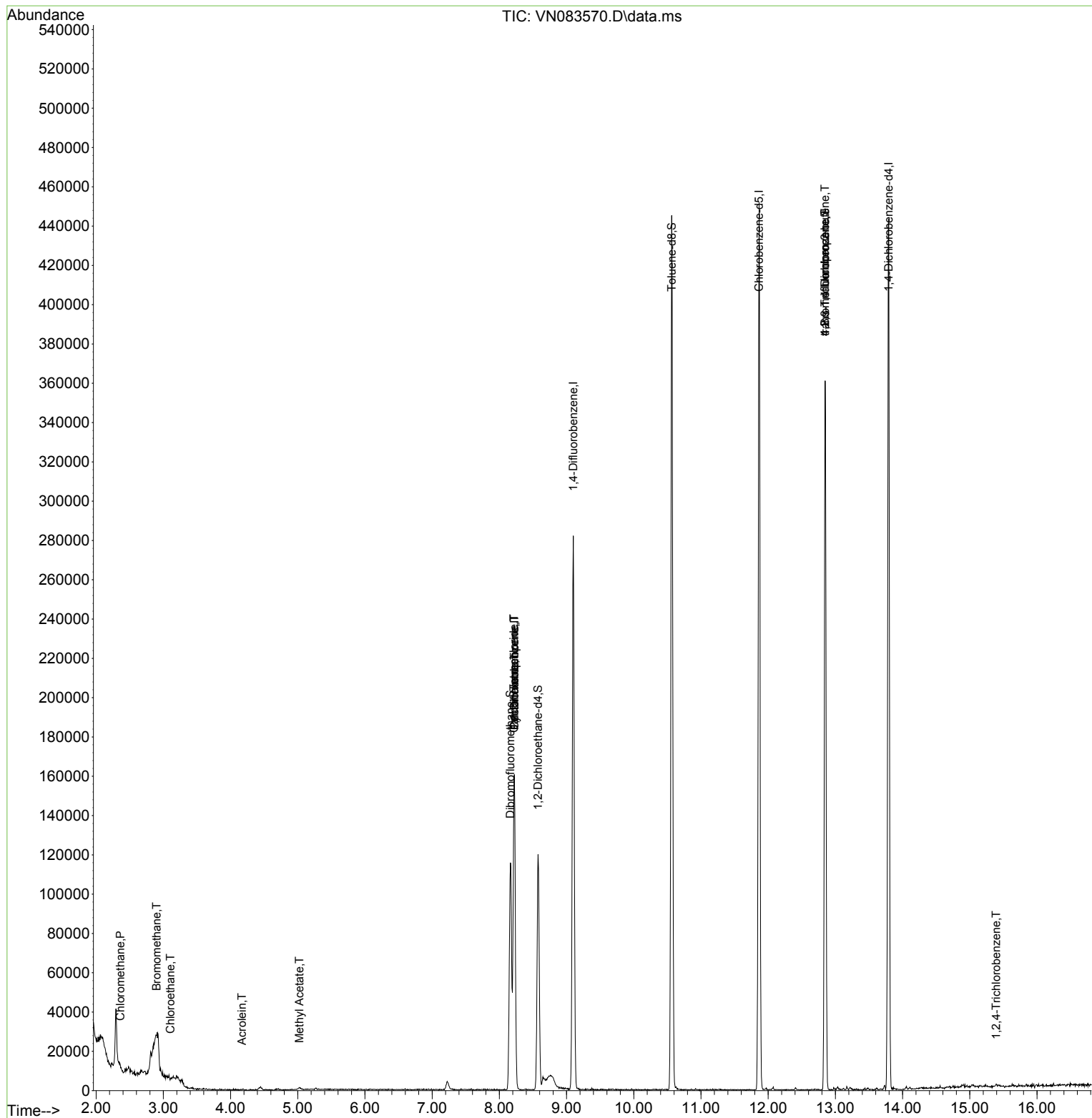
Internal Standards						
1) Pentafluorobenzene	8.224	168	112236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	232851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	103980	66.288	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 132.580%#			
35) Dibromofluoromethane	8.165	113	83343	59.468	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 118.940%			
50) Toluene-d8	10.565	98	298058	54.448	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.900%			
62) 4-Bromofluorobenzene	12.847	95	127725	63.176	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 126.360%#			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	653	0.472	ug/l #	41
5) Bromomethane	2.900	94	268	0.368	ug/l #	2
6) Chloroethane	3.106	64	407	0.450	ug/l #	45
13) Acrolein	4.171	56	77	0.333	ug/l #	1
18) Methyl Acetate	5.024	43	2133	1.282	ug/l #	70
31) Cyclohexane	8.224	56	2870	1.183	ug/l #	40
36) 1,1-Dichloropropene	8.224	75	10365	4.849	ug/l #	49
38) Carbon Tetrachloride	8.218	117	12760	5.232	ug/l #	16
43) Isopropyl Acetate	8.647	43	2931	Below Cal	#	57
76) 1,2,3-Trichloropropane	12.847	75	71884	29.369	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71884	72.617	ug/l #	9
93) 1,2,4-Trichlorobenzene	15.394	180	498	0.214	ug/l #	74

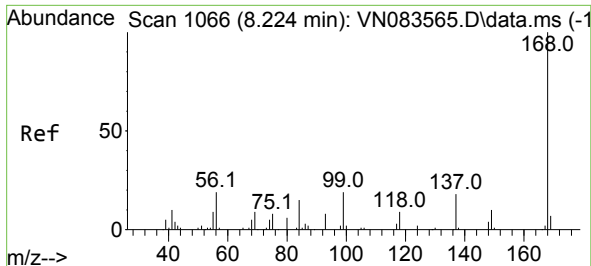
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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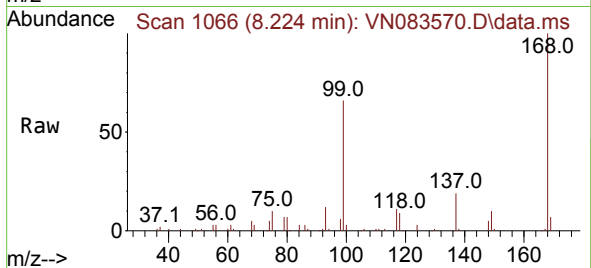
Quant Time: Aug 31 00:36:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:23:16 2024
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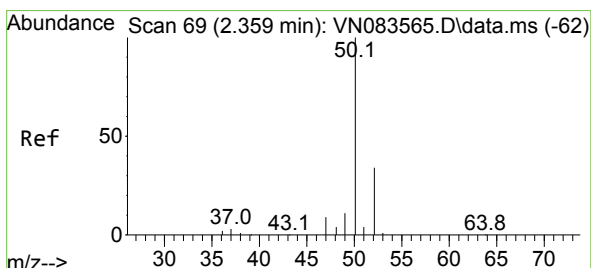
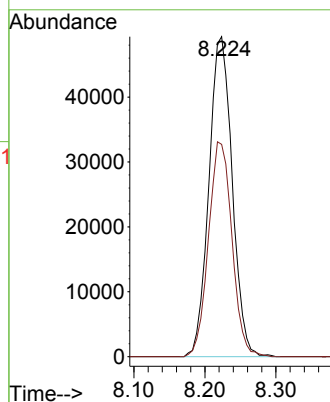
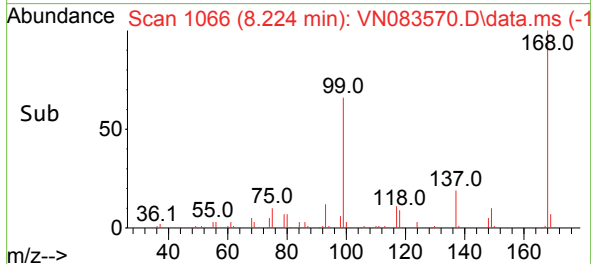


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083570.D
Acq: 30 Aug 2024 12:05

Instrument :
MSVOA_N
ClientSampleId :

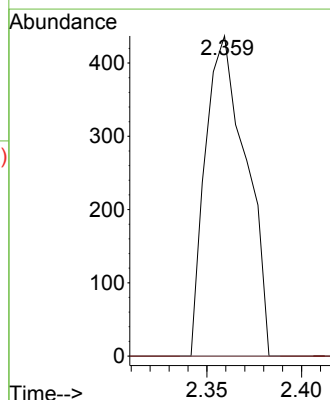
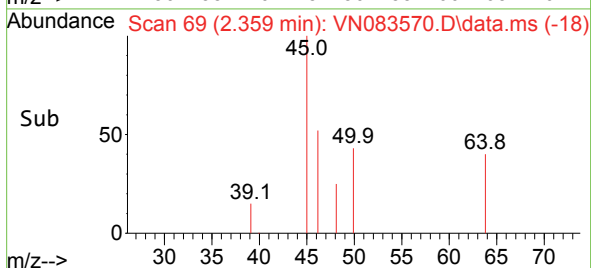
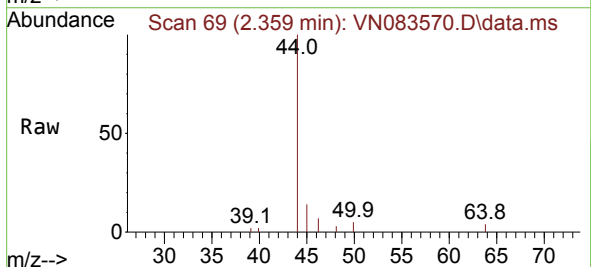


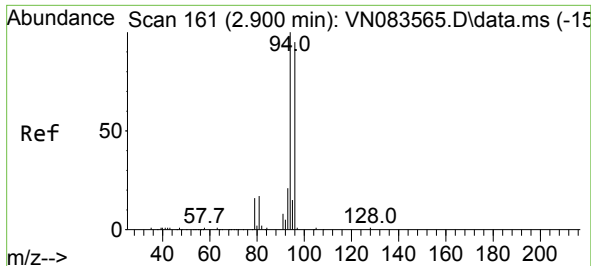
Tgt Ion:168 Resp: 112236
Ion Ratio Lower Upper
168 100
99 66.3 54.2 81.2



#3
Chloromethane
Concen: 0.472 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083570.D
Acq: 30 Aug 2024 12:05

Tgt Ion: 50 Resp: 653
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

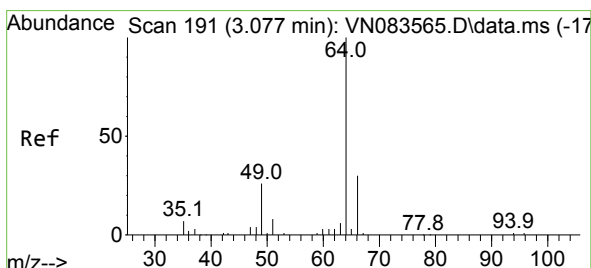
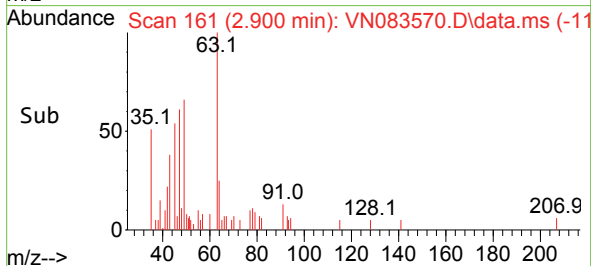
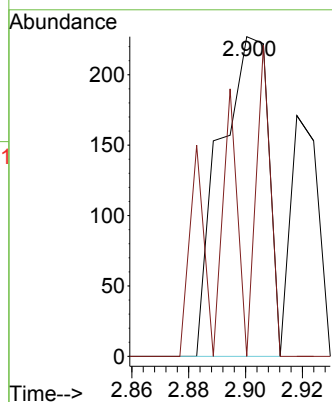
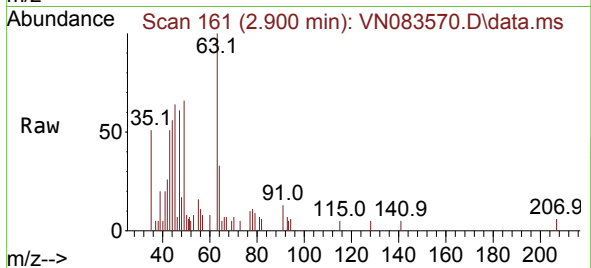




#5
Bromomethane
Concen: 0.368 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083570.D
Acq: 30 Aug 2024 12:05

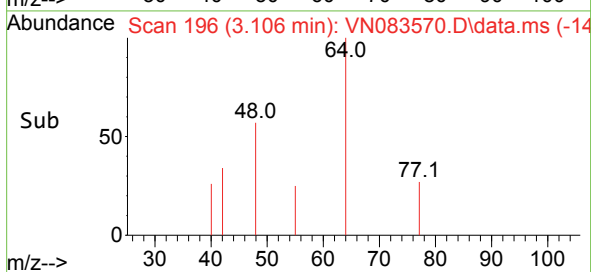
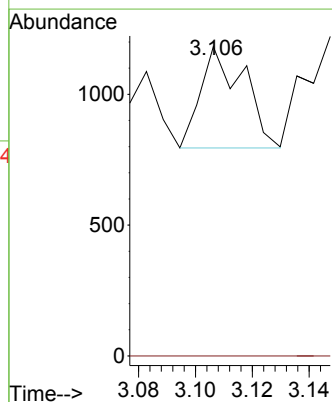
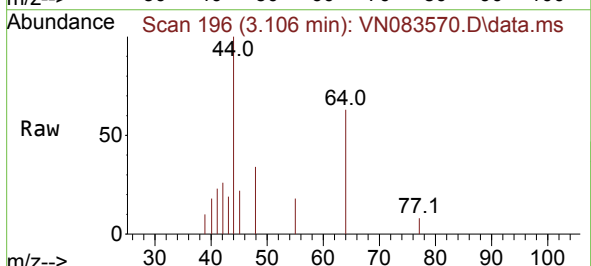
Instrument :
MSVOA_N
ClientSampleId :

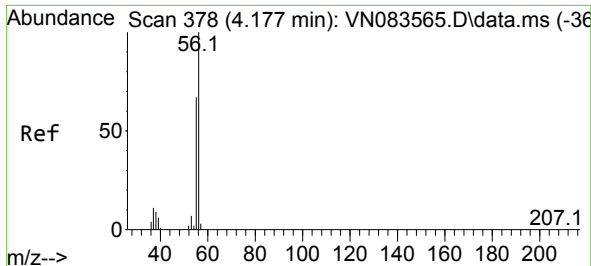
Tgt Ion: 94 Resp: 268
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: 0.450 ug/l
RT: 3.106 min Scan# 196
Delta R.T. 0.029 min
Lab File: VN083570.D
Acq: 30 Aug 2024 12:05

Tgt Ion: 64 Resp: 407
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#

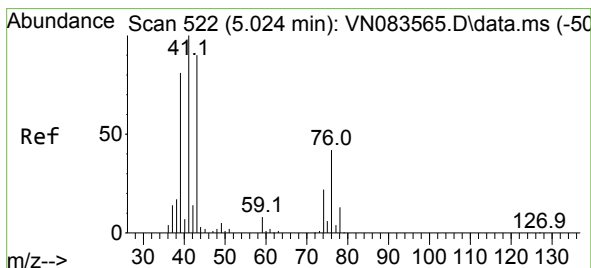
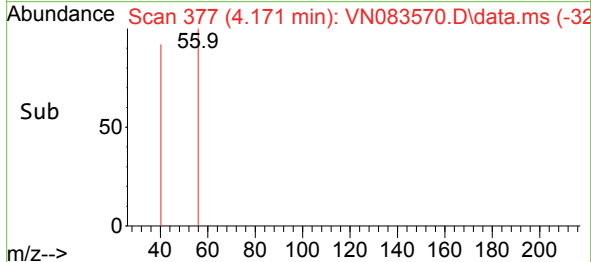
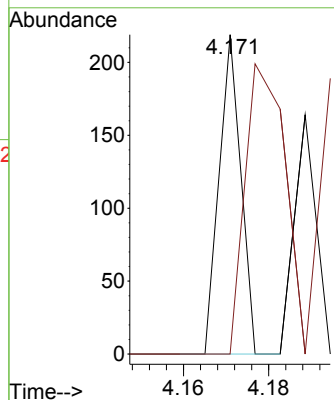
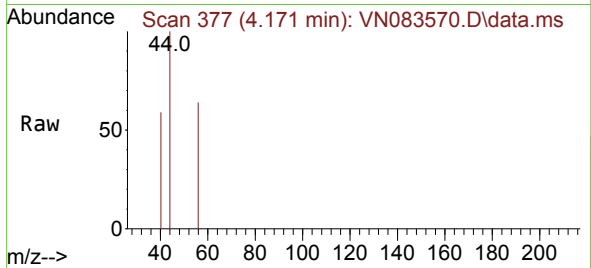




#13
Acrolein
Concen: 0.333 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN083570.D
Acq: 30 Aug 2024 12:05

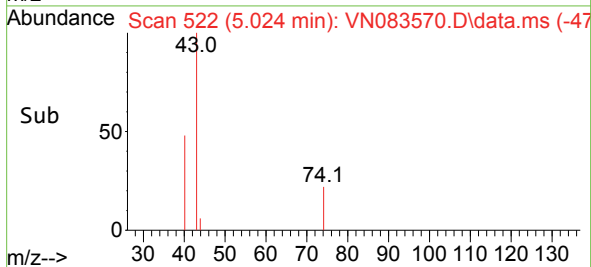
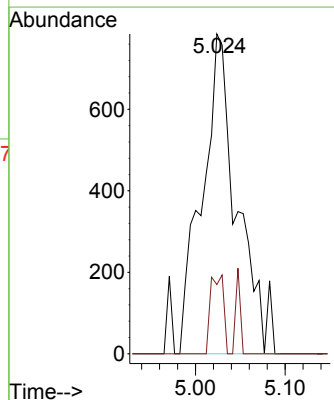
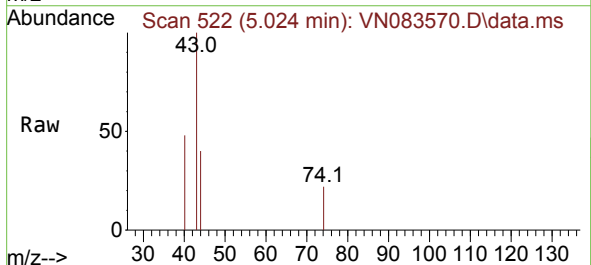
Instrument :
MSVOA_N
ClientSampleId :

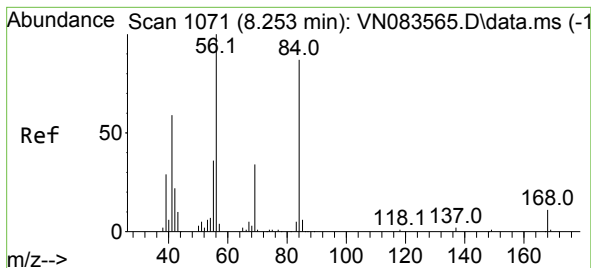
Tgt Ion: 56 Resp: 77
Ion Ratio Lower Upper
56 100
55 168.8 58.2 87.2#



#18
Methyl Acetate
Concen: 1.282 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083570.D
Acq: 30 Aug 2024 12:05

Tgt Ion: 43 Resp: 2133
Ion Ratio Lower Upper
43 100
74 9.1 19.0 28.4#





#31

Cyclohexane

Concen: 1.183 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

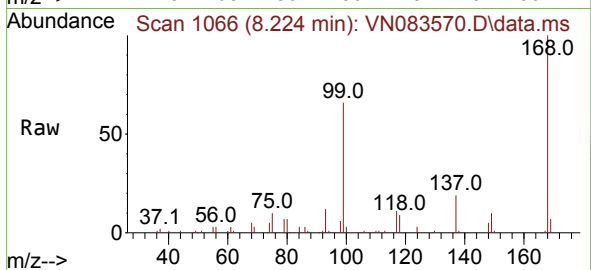
Lab File: VN083570.D

Acq: 30 Aug 2024 12:05

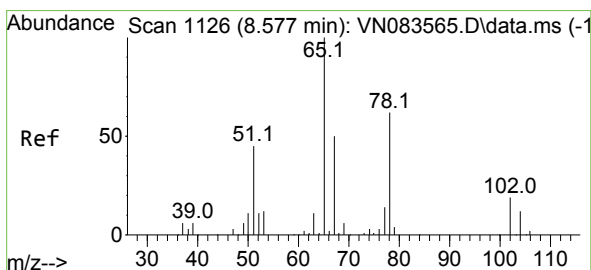
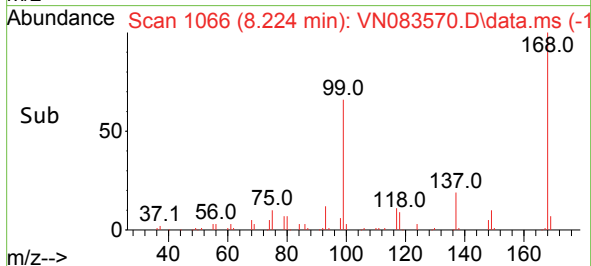
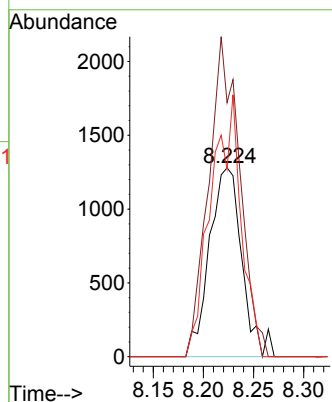
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 56	Resp: 2870
Ion Ratio	Lower Upper
56	100
69	134.5 26.9 40.3#
84	99.4 69.2 103.8



#33

1,2-Dichloroethane-d4

Concen: 66.288 ug/l

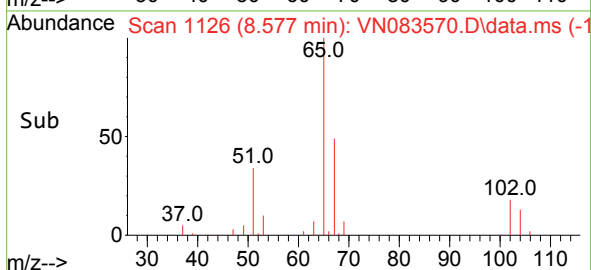
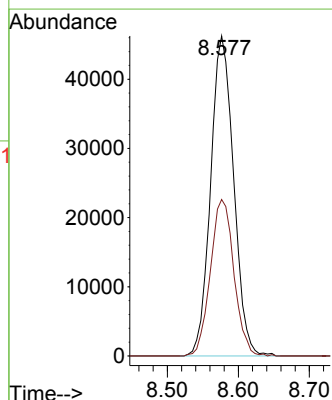
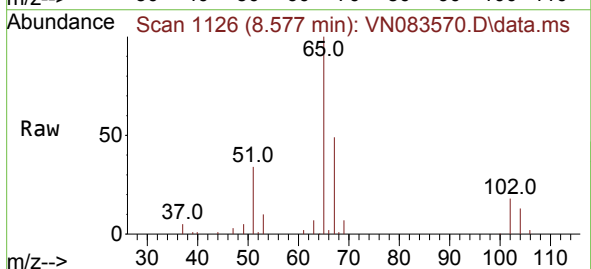
RT: 8.577 min Scan# 1126

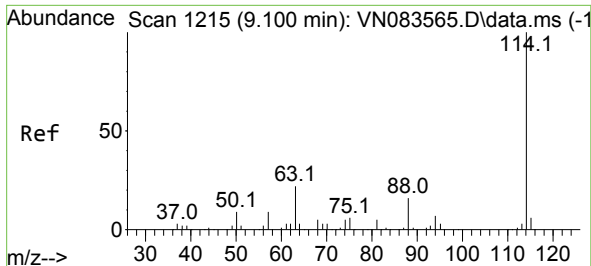
Delta R.T. -0.000 min

Lab File: VN083570.D

Acq: 30 Aug 2024 12:05

Tgt Ion: 65	Resp: 103980
Ion Ratio	Lower Upper
65	100
67	50.0 0.0 100.8

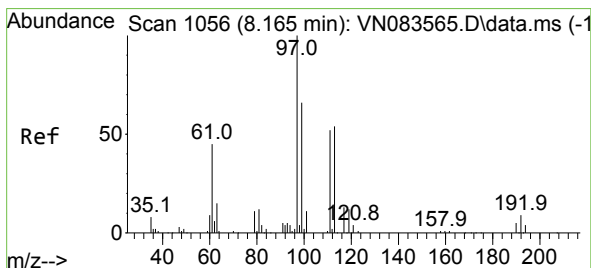
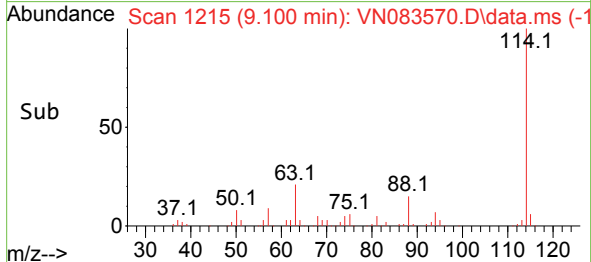
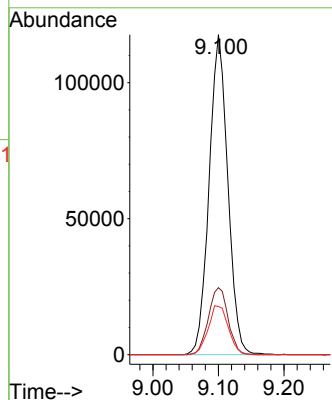
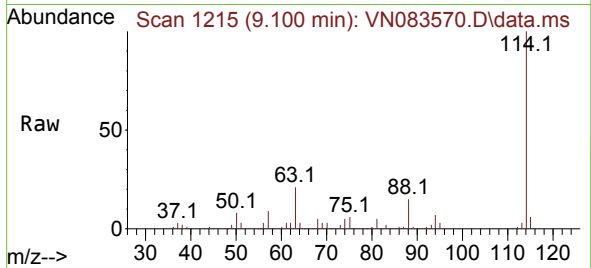




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN083570.D
Acq: 30 Aug 2024 12:05

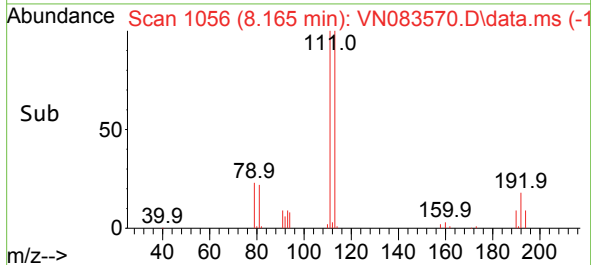
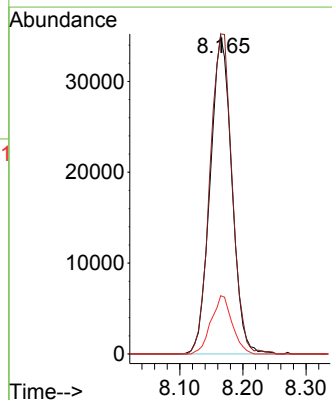
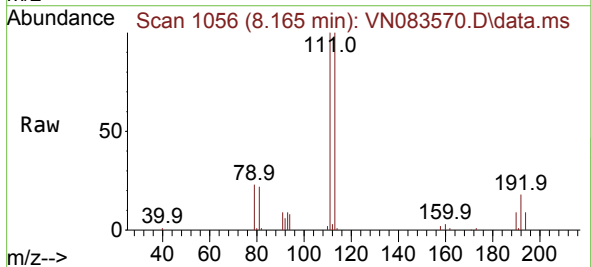
Instrument :
MSVOA_N
ClientSampleId :

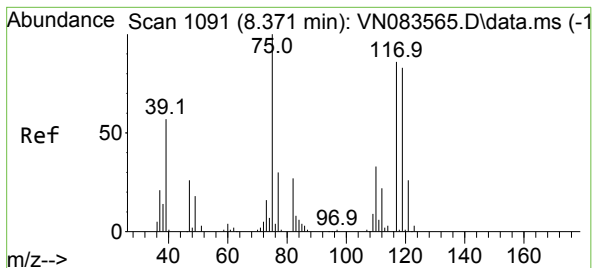
Tgt Ion:114 Resp: 232851
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.4
88 15.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 59.468 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083570.D
Acq: 30 Aug 2024 12:05

Tgt Ion:113 Resp: 83343
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 17.8 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.849 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

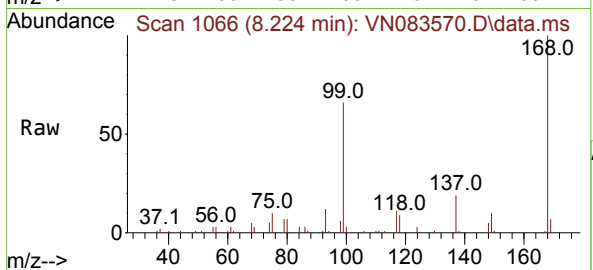
Lab File: VN083570.D

Acq: 30 Aug 2024 12:05

Instrument :

MSVOA_N

ClientSampleId :



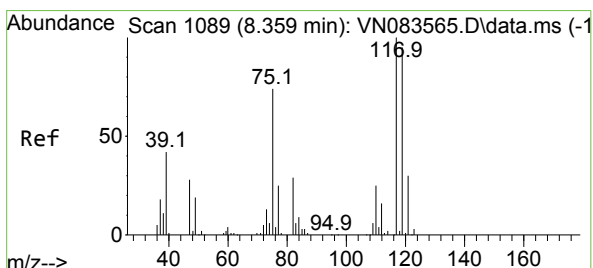
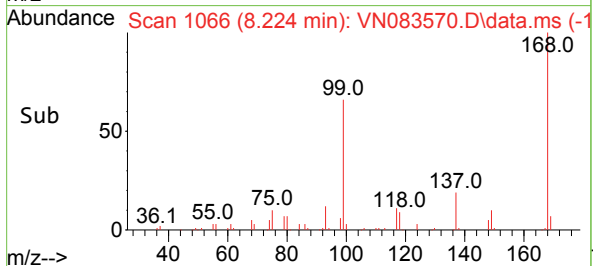
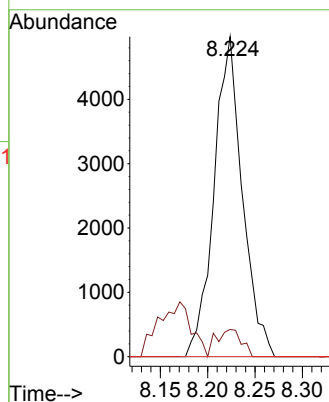
Tgt Ion: 75 Resp: 10365

Ion Ratio Lower Upper

75 100

110 7.5 16.7 50.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.232 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN083570.D

Acq: 30 Aug 2024 12:05

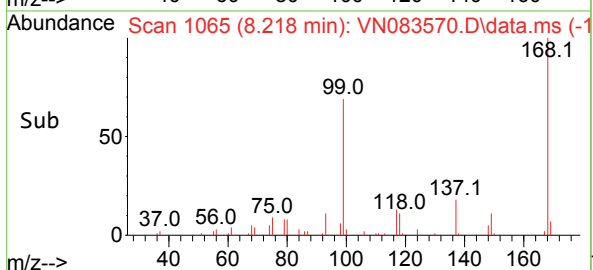
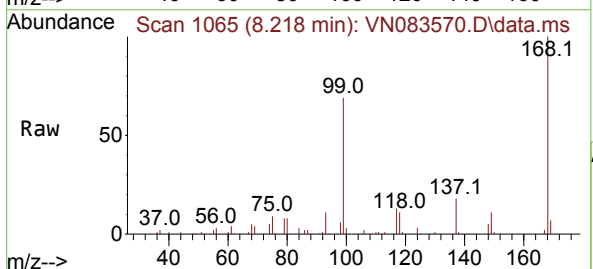
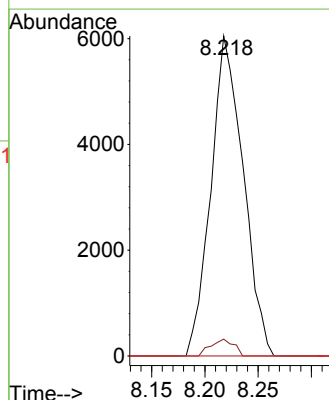
Tgt Ion: 117 Resp: 12760

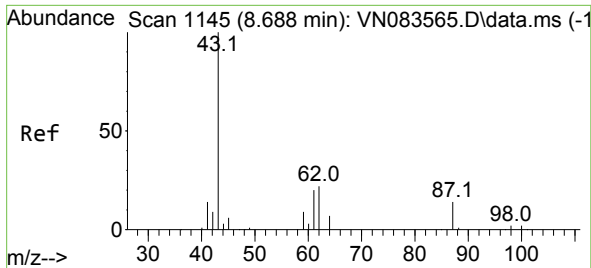
Ion Ratio Lower Upper

117 100

119 5.2 76.1 114.1#

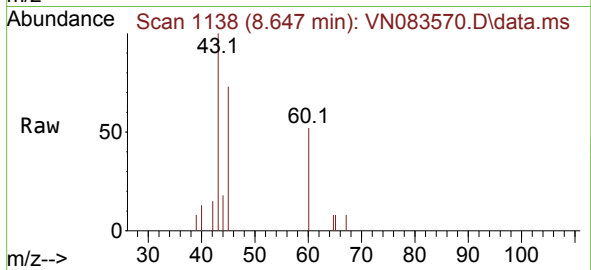
121 0.0 24.1 36.1#



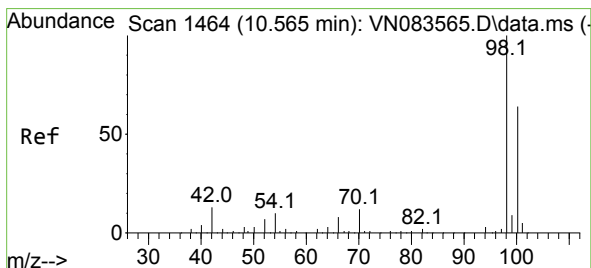
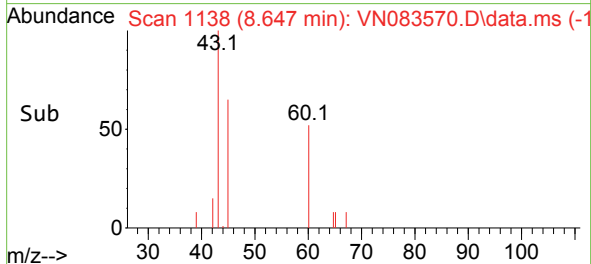
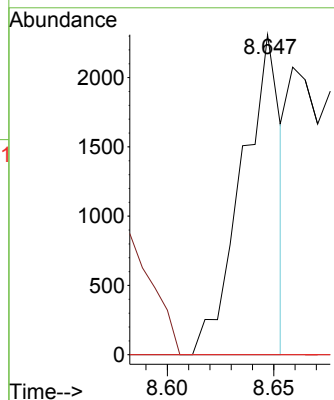


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.647 min Scan# 1145
Delta R.T. -0.041 min
Lab File: VN083570.D
Acq: 30 Aug 2024 12:05

Instrument :
MSVOA_N
ClientSampleId :

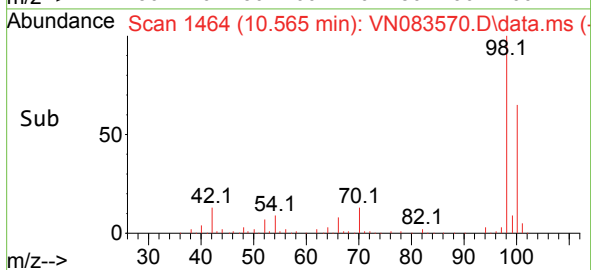
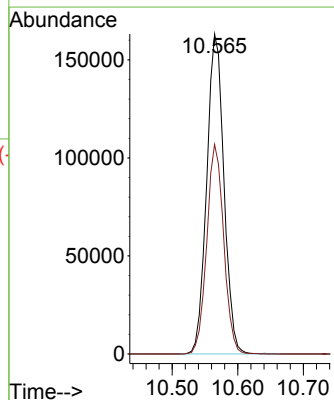
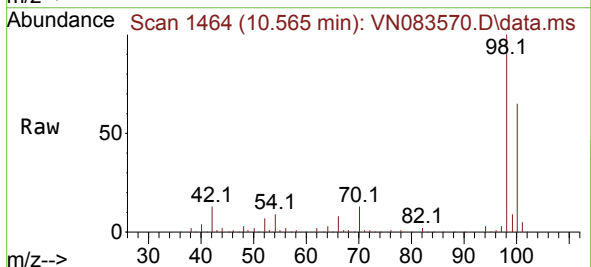


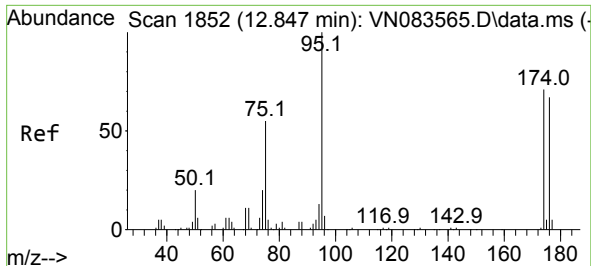
Tgt Ion: 43 Resp: 2931
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#50
Toluene-d8
Concen: 54.448 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083570.D
Acq: 30 Aug 2024 12:05

Tgt Ion: 98 Resp: 298058
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

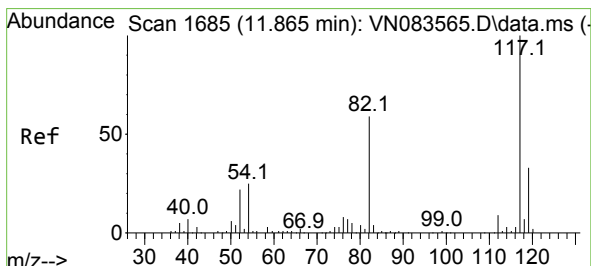
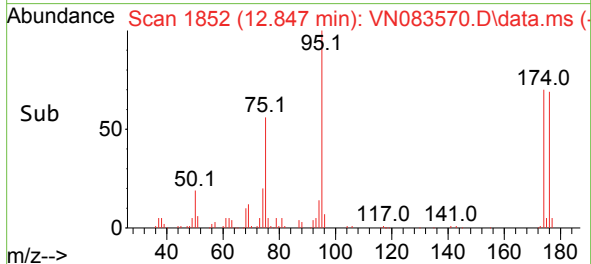
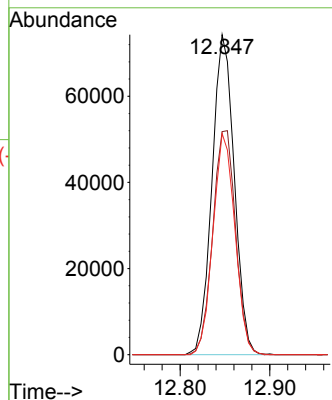
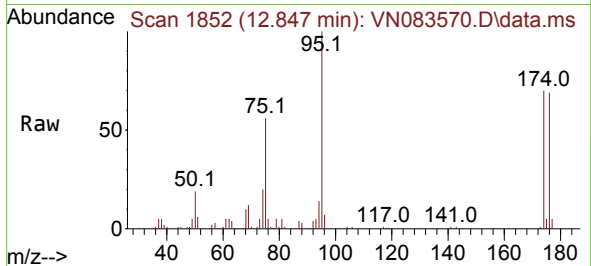




#62
4-Bromofluorobenzene
Concen: 63.176 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083570.D
Acq: 30 Aug 2024 12:05

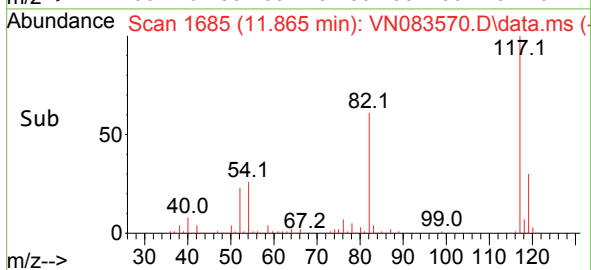
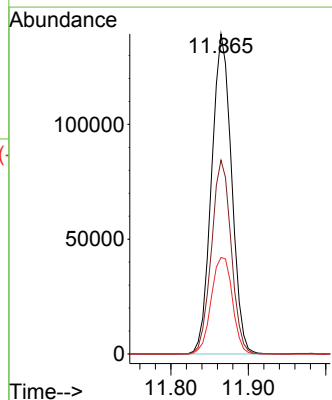
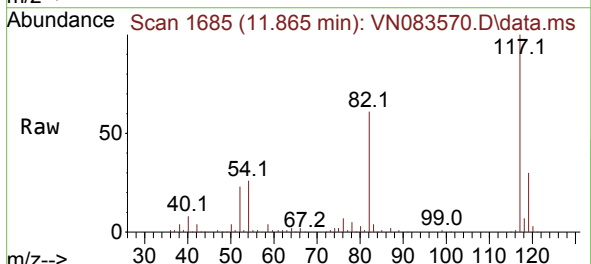
Instrument :
MSVOA_N
ClientSampleId :

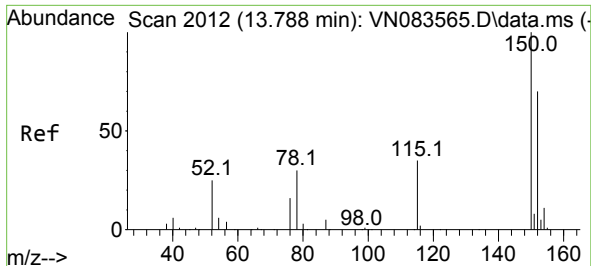
Tgt Ion: 95 Resp: 127725
Ion Ratio Lower Upper
95 100
174 72.0 0.0 139.8
176 68.3 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083570.D
Acq: 30 Aug 2024 12:05

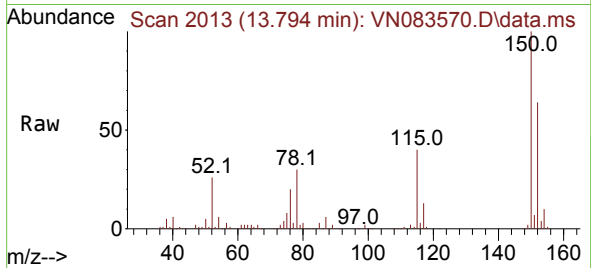
Tgt Ion: 117 Resp: 249567
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.0
119 30.1 26.3 39.5



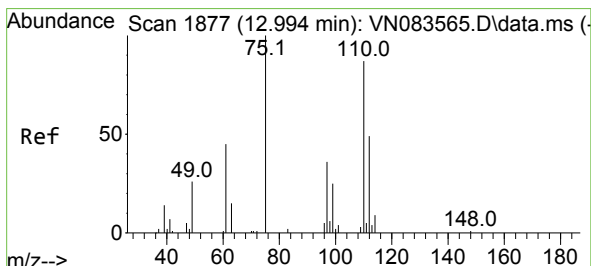
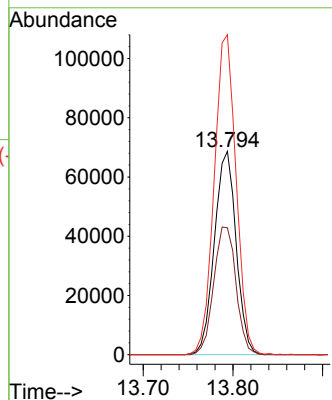
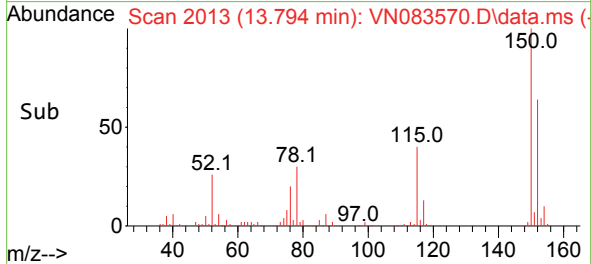


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN083570.D
 Acq: 30 Aug 2024 12:05

Instrument :
 MSVOA_N
 ClientSampleId :

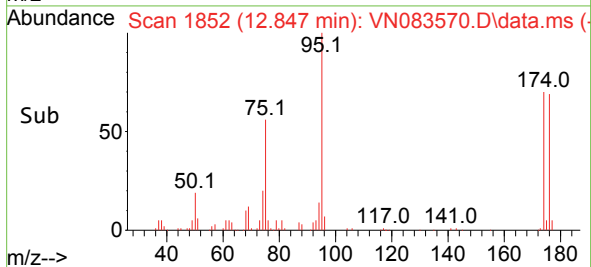
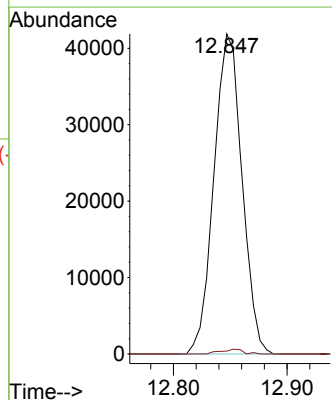
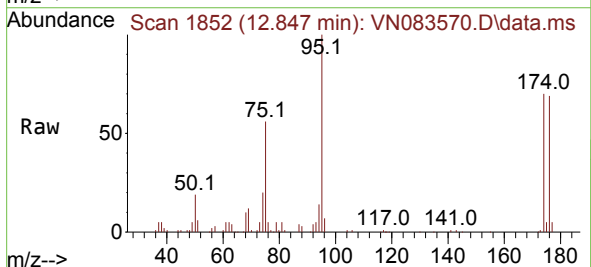


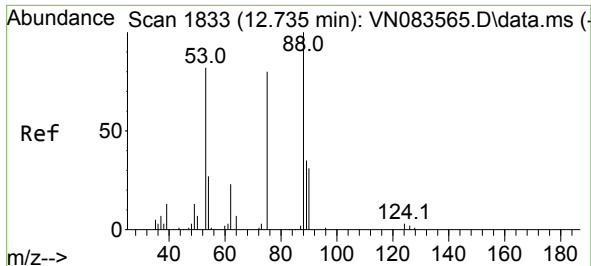
Tgt Ion:152 Resp: 115641
 Ion Ratio Lower Upper
 152 100
 115 64.3 32.2 96.6
 150 158.2 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 29.369 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083570.D
 Acq: 30 Aug 2024 12:05

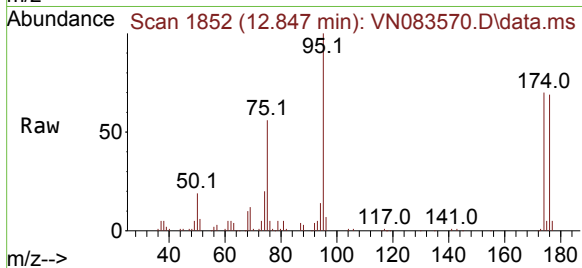
Tgt Ion: 75 Resp: 71884
 Ion Ratio Lower Upper
 75 100
 77 1.2 95.2 285.6#



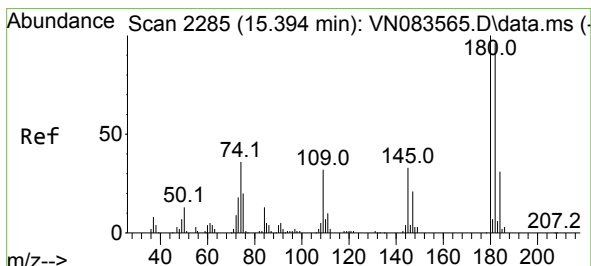
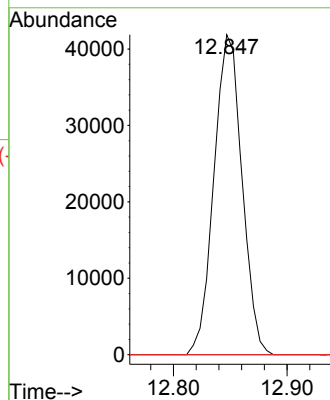
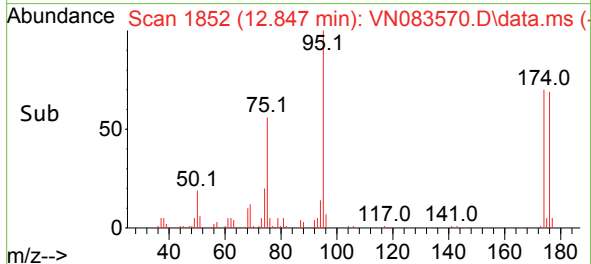


#81
trans-1,4-Dichloro-2-butene
Concen: 72.617 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083570.D
Acq: 30 Aug 2024 12:05

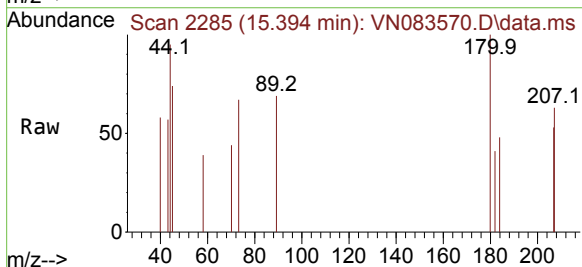
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 71884
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.214 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN083570.D
Acq: 30 Aug 2024 12:05



Tgt Ion:180 Resp: 498
Ion Ratio Lower Upper
180 100
182 109.6 48.1 144.3
145 0.0 16.9 50.7#

