

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083262.D
 Acq On : 13 Aug 2024 16:56
 Operator : JC\MD
 Sample : P3440-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 01:45:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

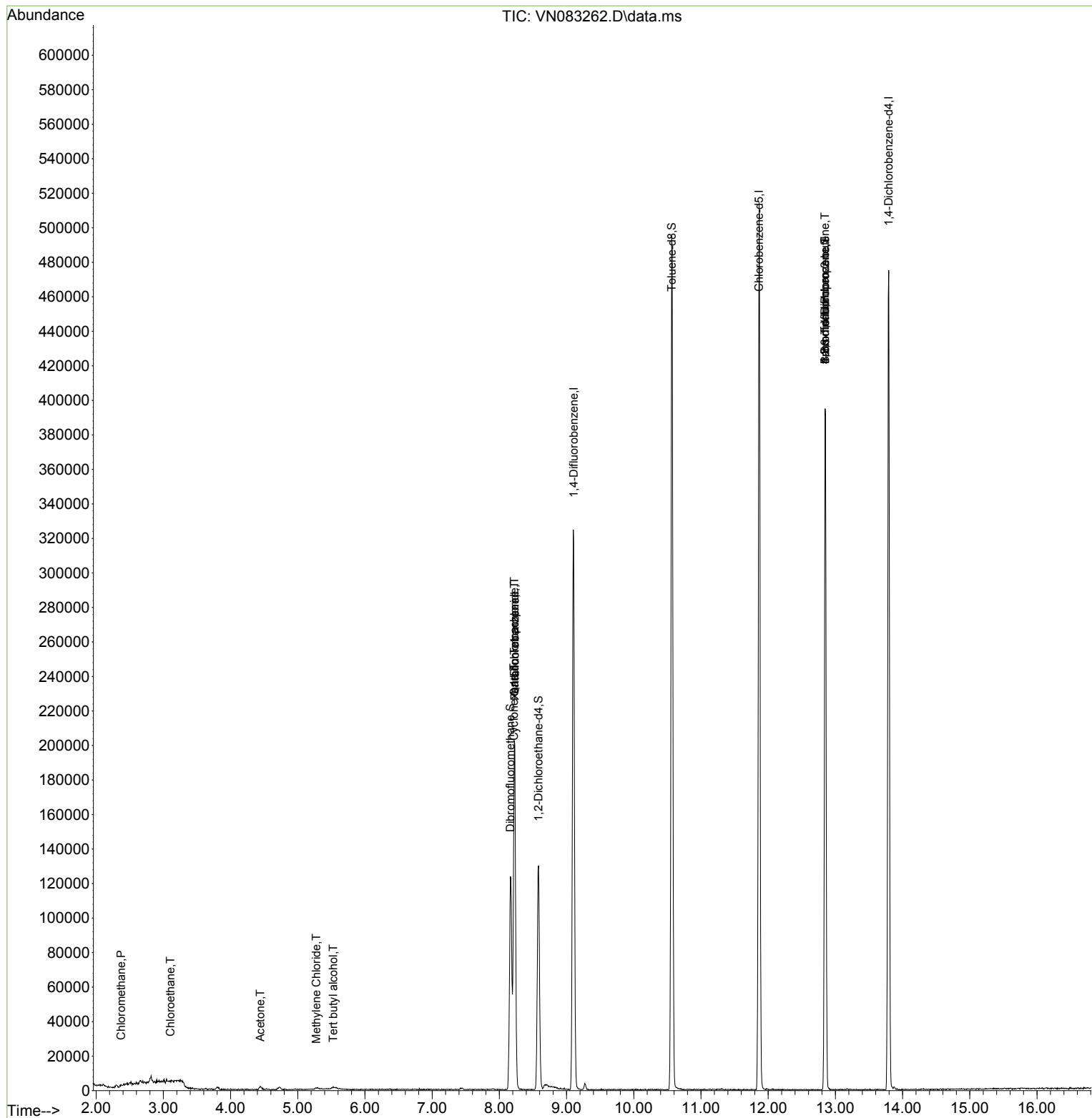
Internal Standards						
1) Pentafluorobenzene	8.229	168	142679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	276180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	283985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	114991	56.621	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.240%	
35) Dibromofluoromethane	8.165	113	91146	52.873	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.740%	
50) Toluene-d8	10.565	98	342790	53.308	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.620%	
62) 4-Bromofluorobenzene	12.847	95	143057	57.064	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 114.120%	
Target Compounds						Qvalue
3) Chloromethane	2.371	50	499	0.301	ug/l #	43
6) Chloroethane	3.106	64	273	0.258	ug/l #	41
11) Tert butyl alcohol	5.530	59	2094	4.961	ug/l #	77
16) Acetone	4.441	43	3112	3.916	ug/l #	79
20) Methylene Chloride	5.277	84	771	0.422	ug/l #	29
31) Cyclohexane	8.218	56	3398	1.129	ug/l #	3
36) 1,1-Dichloropropene	8.224	75	12234	4.691	ug/l #	52
38) Carbon Tetrachloride	8.224	117	16085	5.476	ug/l #	17
43) Isopropyl Acetate	8.671	43	3821	Below Cal	#	60
71) Bromoform	12.847	173	682	0.407	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	79502	28.484	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	79502	61.959	ug/l #	6

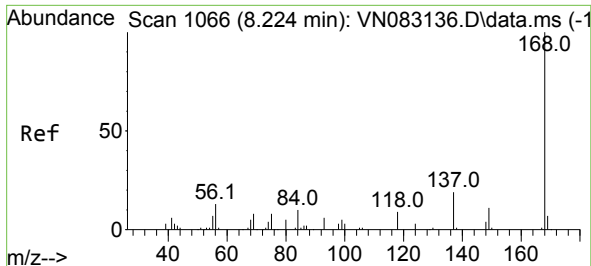
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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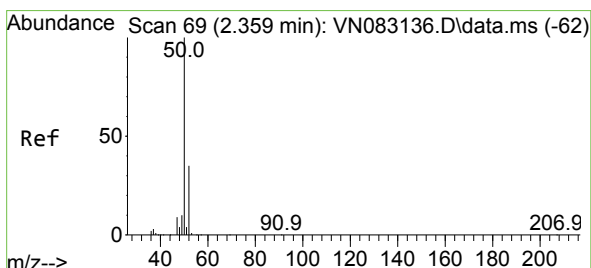
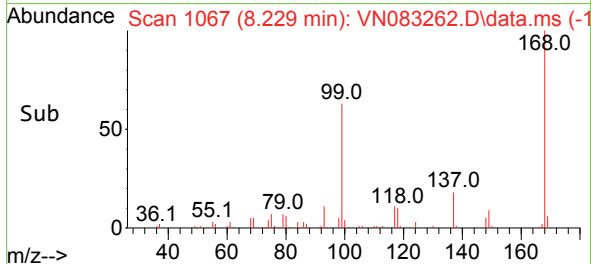
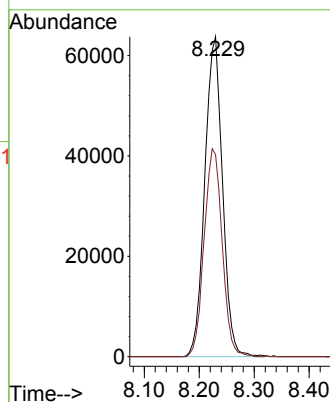
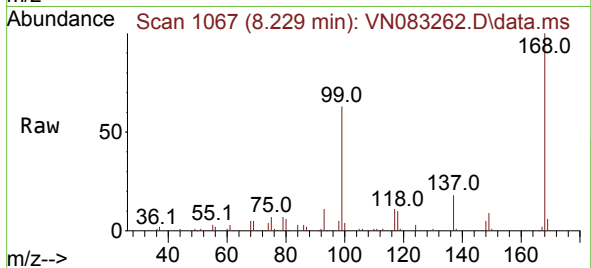




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN083262.D
Acq: 13 Aug 2024 16:56

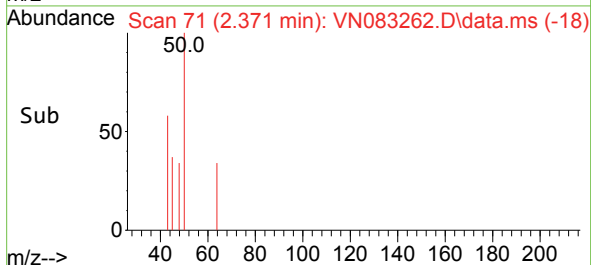
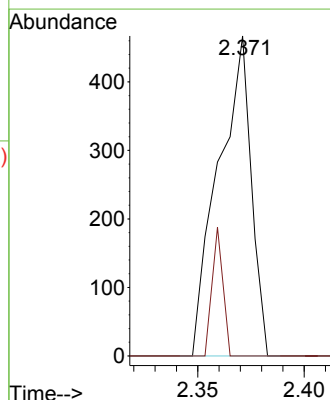
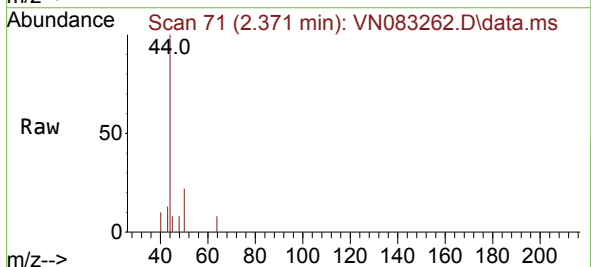
Instrument :
MSVOA_N
ClientSampleId :

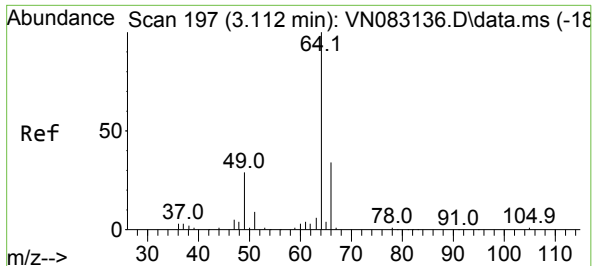
Tgt Ion:168 Resp: 142679
Ion Ratio Lower Upper
168 100
99 63.2 48.2 72.4



#3
Chloromethane
Concen: 0.301 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN083262.D
Acq: 13 Aug 2024 16:56

Tgt Ion: 50 Resp: 499
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

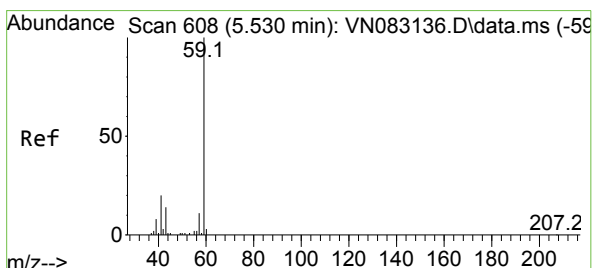
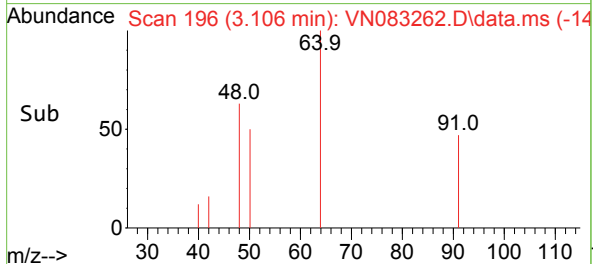
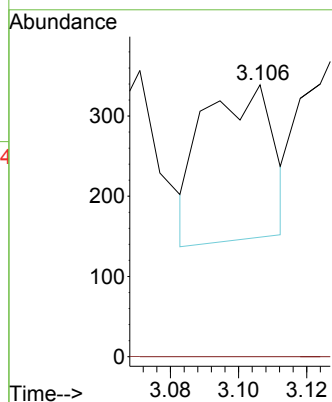
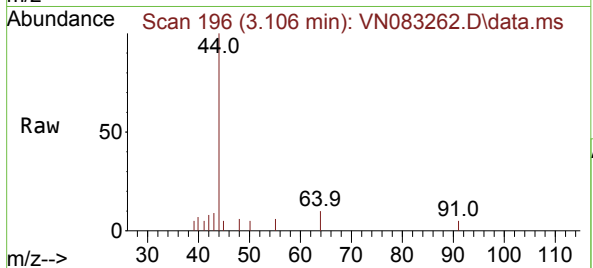




#6
Chloroethane
Concen: 0.258 ug/l
RT: 3.106 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN083262.D
Acq: 13 Aug 2024 16:56

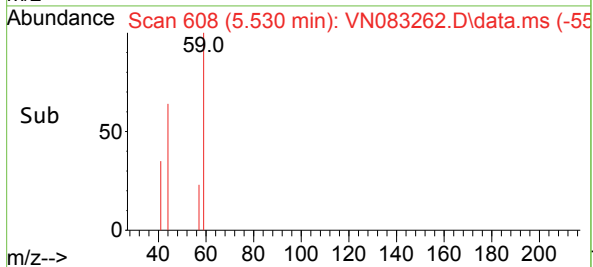
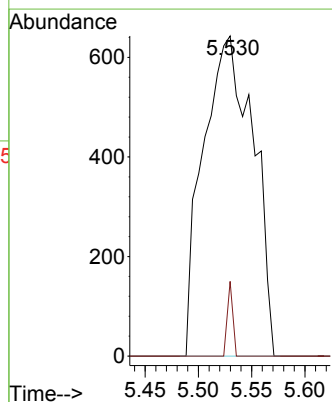
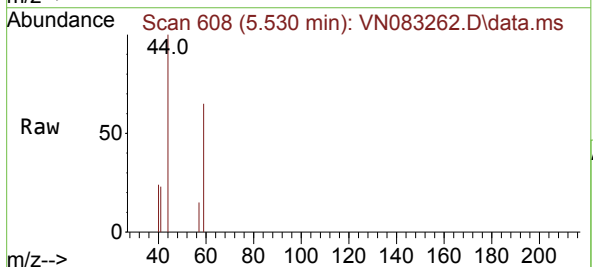
Instrument :
MSVOA_N
ClientSampleId :

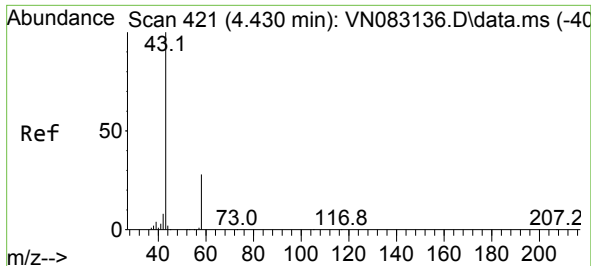
Tgt Ion: 64 Resp: 273
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#11
Tert butyl alcohol
Concen: 4.961 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN083262.D
Acq: 13 Aug 2024 16:56

Tgt Ion: 59 Resp: 2094
Ion Ratio Lower Upper
59 100
57 2.5 8.9 13.3#

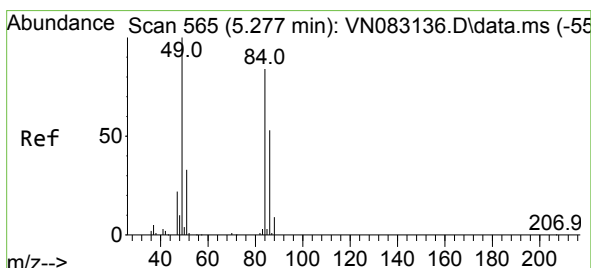
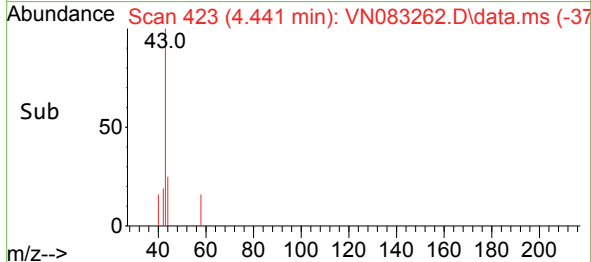
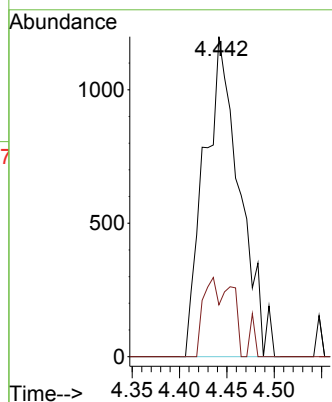
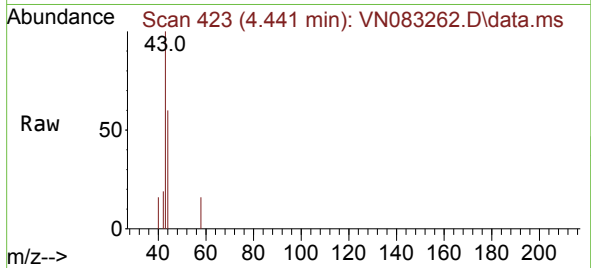




#16
Acetone
Concen: 3.916 ug/l
RT: 4.441 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083262.D
Acq: 13 Aug 2024 16:56

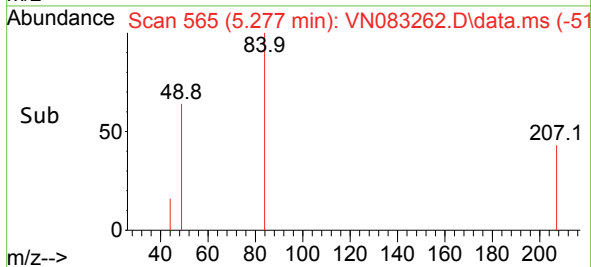
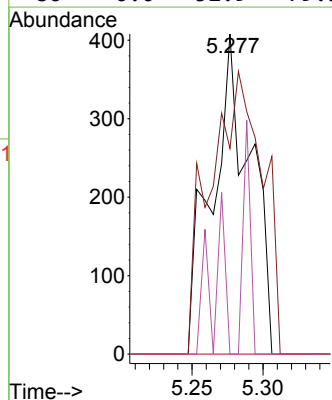
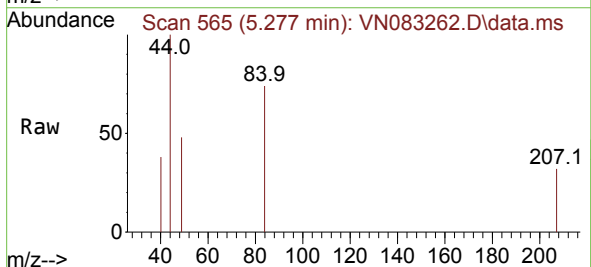
Instrument :
MSVOA_N
ClientSampleId :

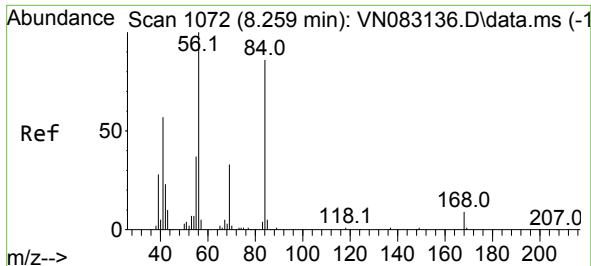
Tgt Ion: 43 Resp: 3112
Ion Ratio Lower Upper
43 100
58 16.2 21.8 32.6#



#20
Methylene Chloride
Concen: 0.422 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083262.D
Acq: 13 Aug 2024 16:56

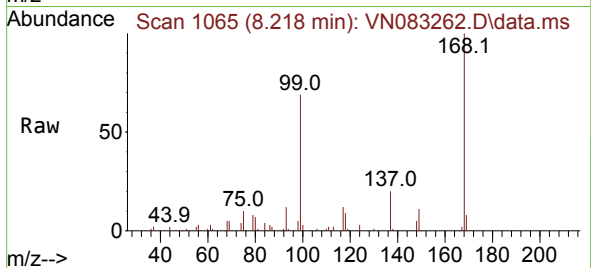
Tgt Ion: 84 Resp: 771
Ion Ratio Lower Upper
84 100
49 64.2 119.6 179.4#
51 0.0 34.8 52.2#
86 0.0 52.9 79.3#



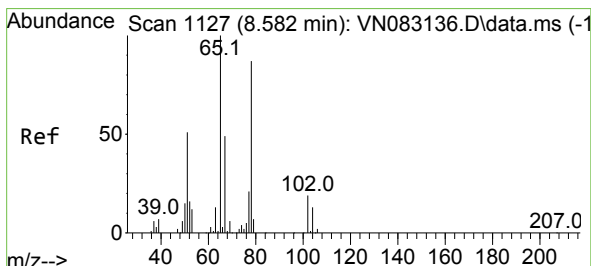
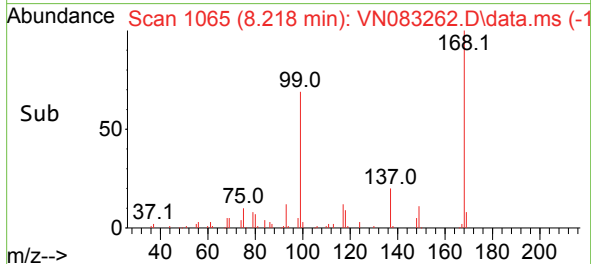
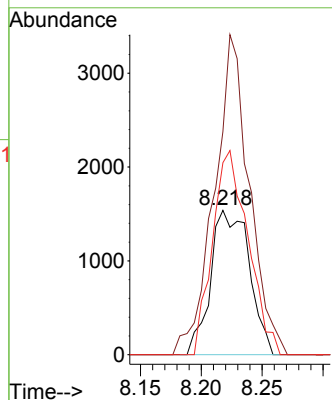


#31
Cyclohexane
Concen: 1.129 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083262.D
Acq: 13 Aug 2024 16:56

Instrument :
MSVOA_N
ClientSampleId :

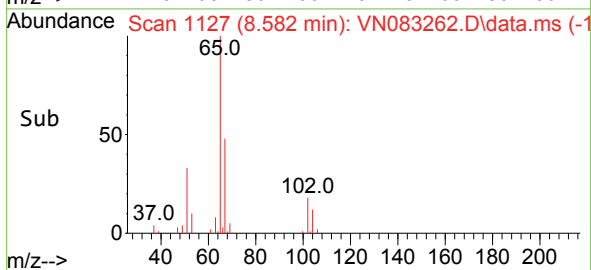
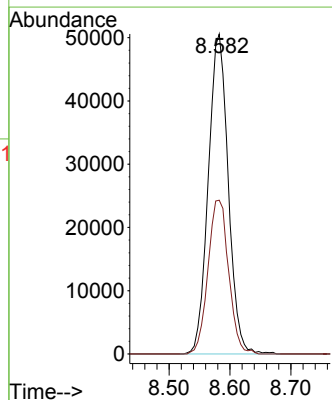
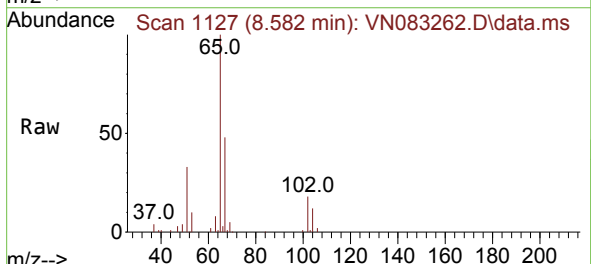


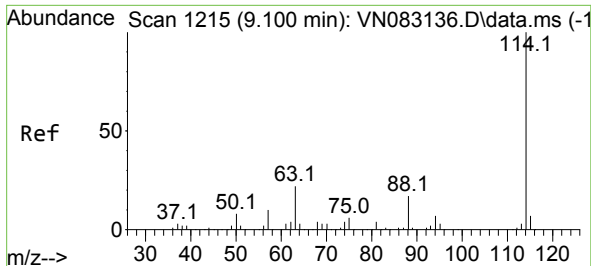
Tgt Ion: 56 Resp: 3398
Ion Ratio Lower Upper
56 100
69 144.2 24.5 36.7#
84 133.0 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 56.621 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN083262.D
Acq: 13 Aug 2024 16:56

Tgt Ion: 65 Resp: 114991
Ion Ratio Lower Upper
65 100
67 49.9 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN083262.D

Acq: 13 Aug 2024 16:56

Instrument :

MSVOA_N

ClientSampleId :

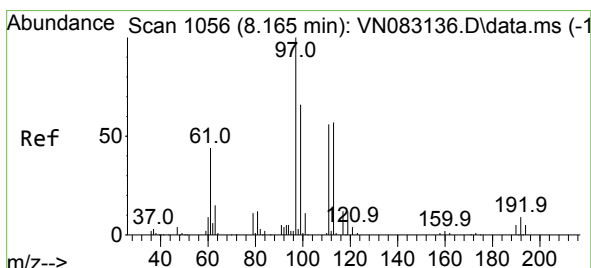
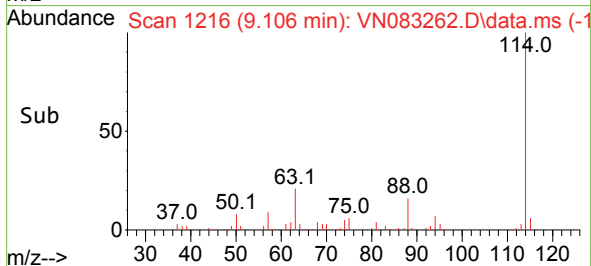
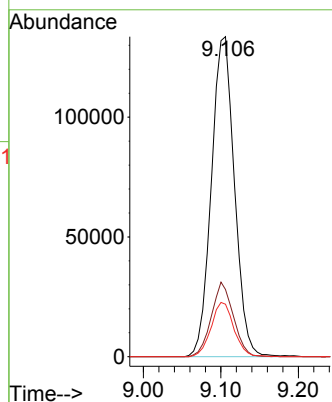
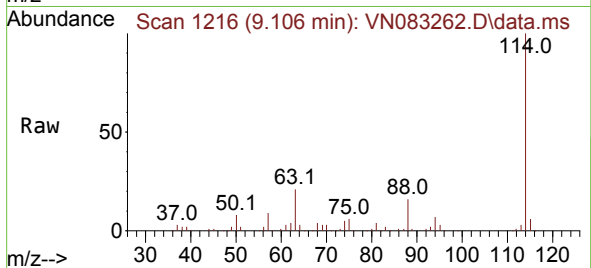
Tgt Ion:114 Resp: 276180

Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.6

88 16.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.873 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083262.D

Acq: 13 Aug 2024 16:56

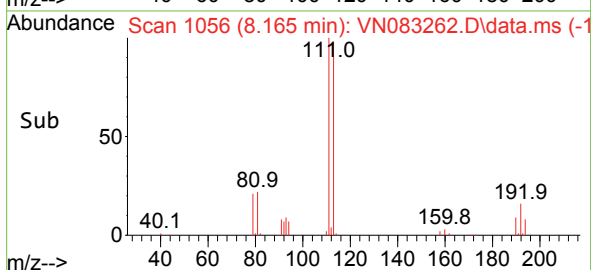
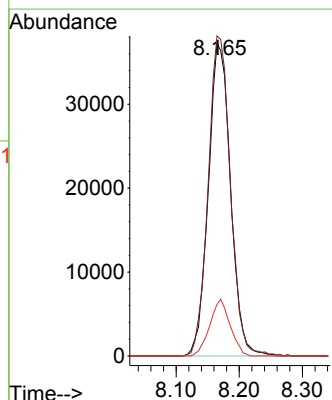
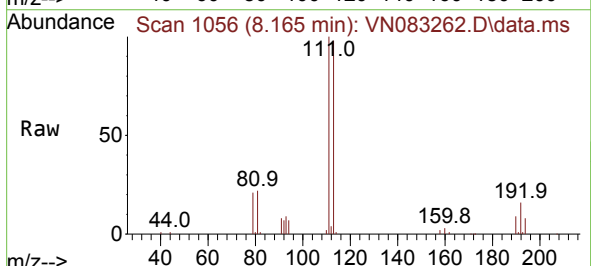
Tgt Ion:113 Resp: 91146

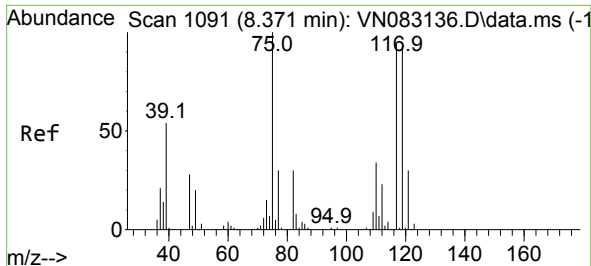
Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

192 16.6 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.691 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

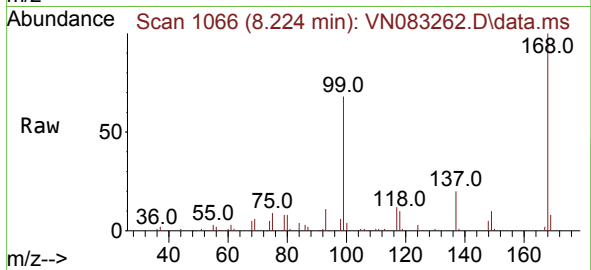
Lab File: VN083262.D

Acq: 13 Aug 2024 16:56

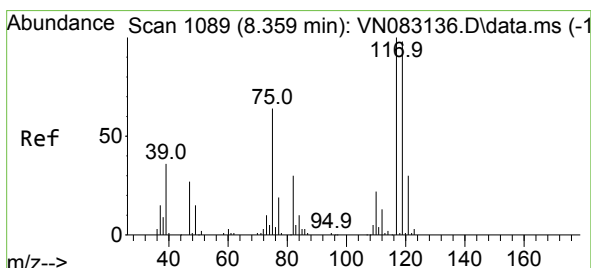
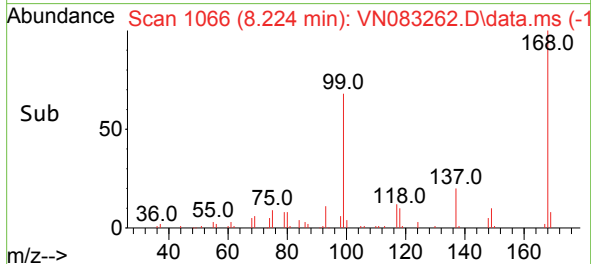
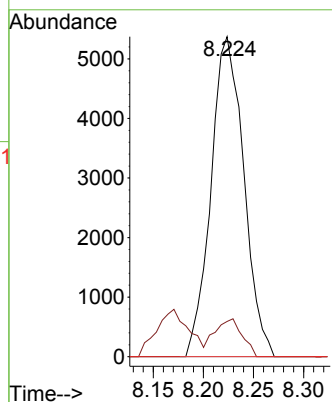
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 12234
Ion Ratio	Lower Upper
75	100
110	10.0 16.3 48.9#
77	0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.476 ug/l

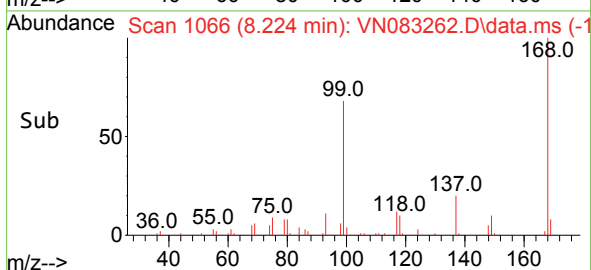
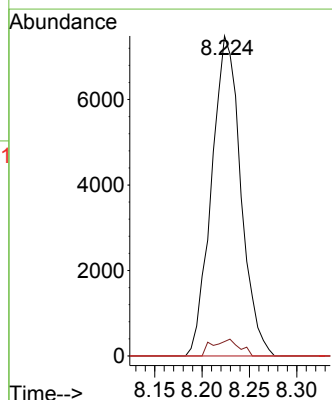
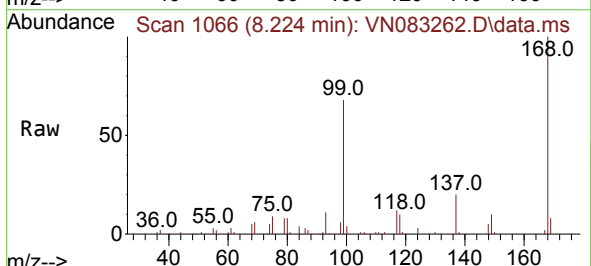
RT: 8.224 min Scan# 1066

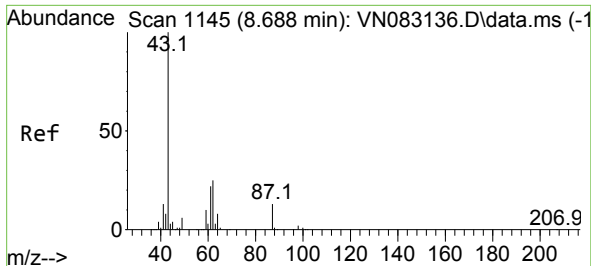
Delta R.T. -0.135 min

Lab File: VN083262.D

Acq: 13 Aug 2024 16:56

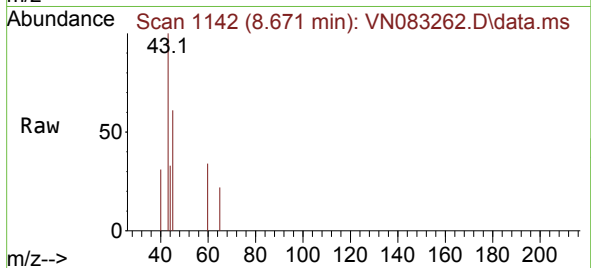
Tgt Ion: 117	Resp: 16085
Ion Ratio	Lower Upper
117	100
119	4.5 74.9 112.3#
121	0.0 24.3 36.5#



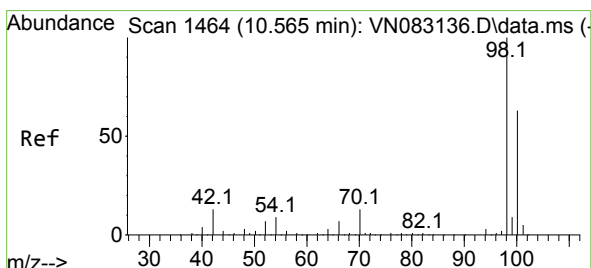
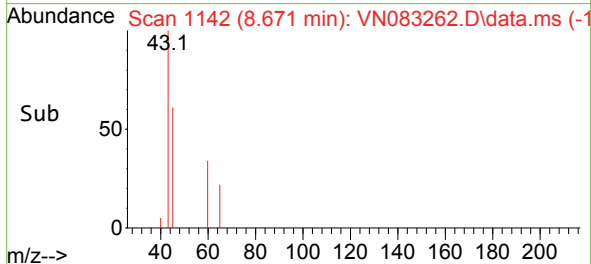
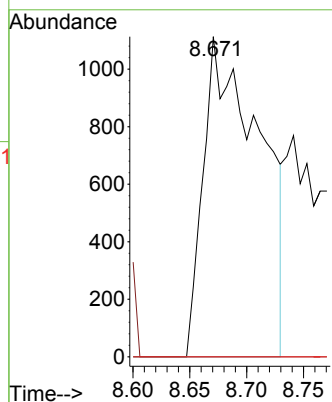


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.671 min Scan# 1145
Delta R.T. -0.017 min
Lab File: VN083262.D
Acq: 13 Aug 2024 16:56

Instrument :
MSVOA_N
ClientSampleId :

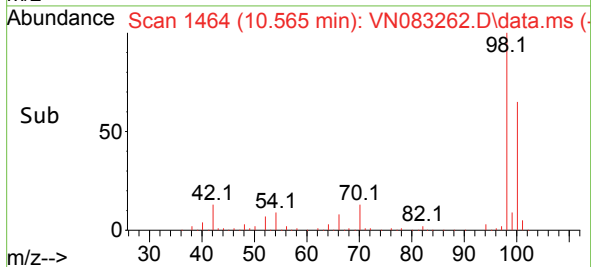
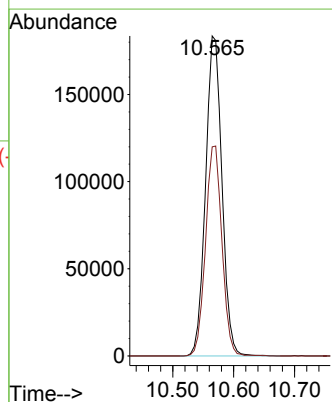
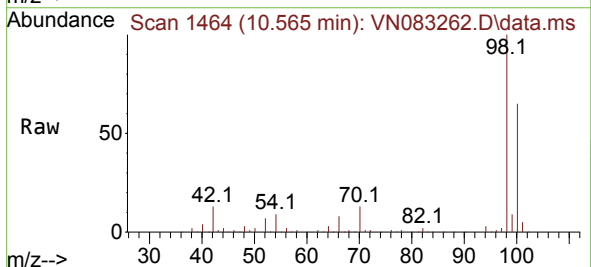


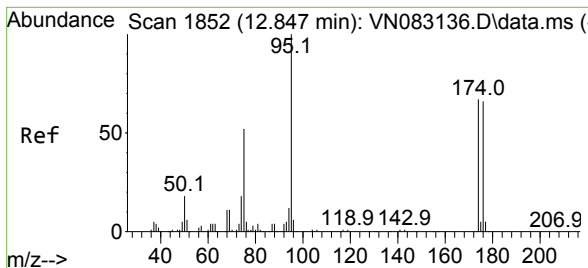
Tgt Ion: 43 Resp: 3821
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 53.308 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083262.D
Acq: 13 Aug 2024 16:56

Tgt Ion: 98 Resp: 342790
Ion Ratio Lower Upper
98 100
100 65.7 51.5 77.3

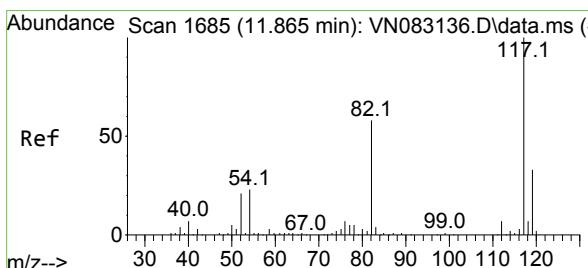
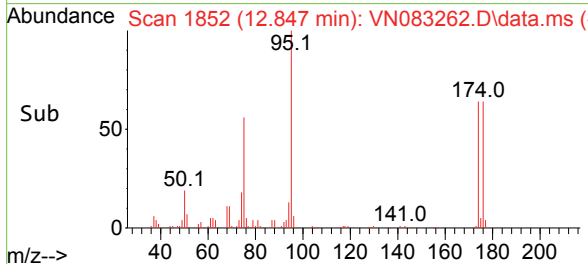
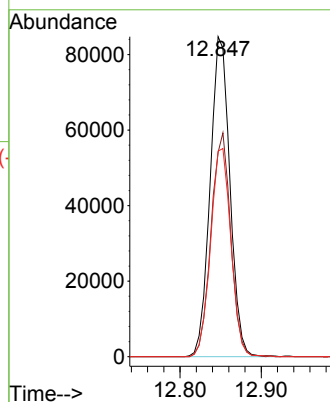
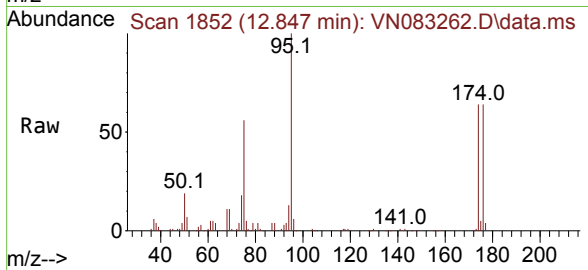




#62
4-Bromofluorobenzene
Concen: 57.064 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083262.D
Acq: 13 Aug 2024 16:56

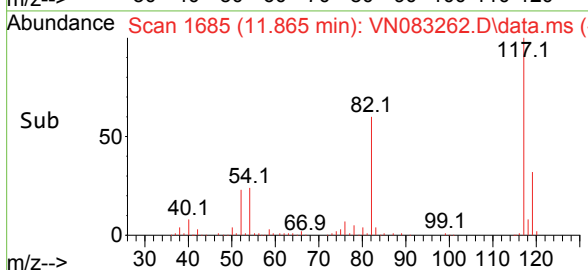
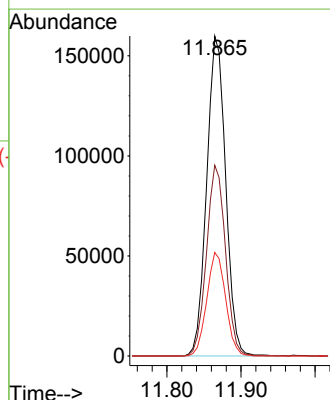
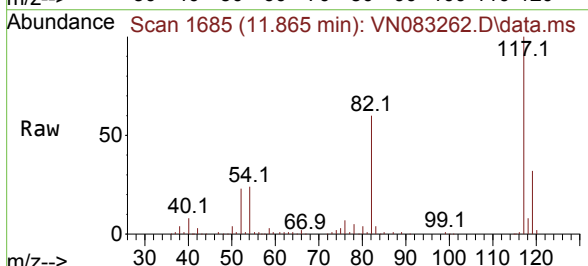
Instrument :
MSVOA_N
ClientSampleId :

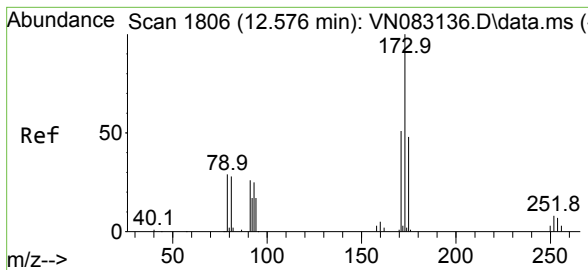
Tgt Ion: 95 Resp: 143057
Ion Ratio Lower Upper
95 100
174 69.4 0.0 159.2
176 67.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083262.D
Acq: 13 Aug 2024 16:56

Tgt Ion: 117 Resp: 283985
Ion Ratio Lower Upper
117 100
82 59.6 47.5 71.3
119 32.4 25.6 38.4





#71

Bromoform

Concen: 0.407 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.270 min

Lab File: VN083262.D

Acq: 13 Aug 2024 16:56

Instrument :

MSVOA_N

ClientSampleId :

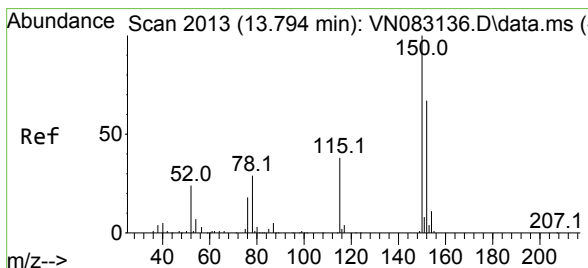
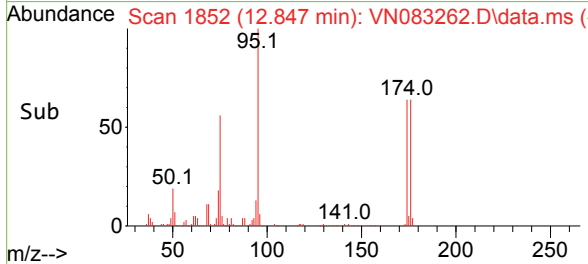
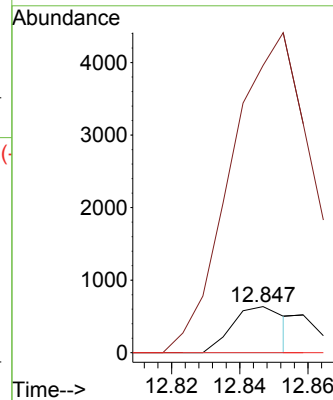
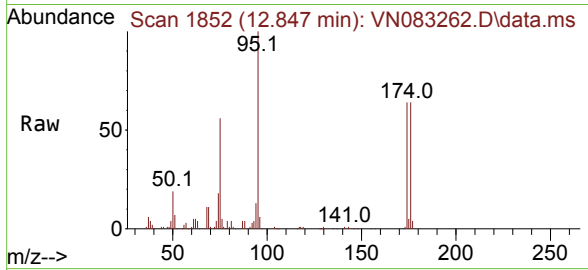
Tgt Ion:173 Resp: 682

Ion Ratio Lower Upper

173 100

175 0.0 24.0 72.0#

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. -0.000 min

Lab File: VN083262.D

Acq: 13 Aug 2024 16:56

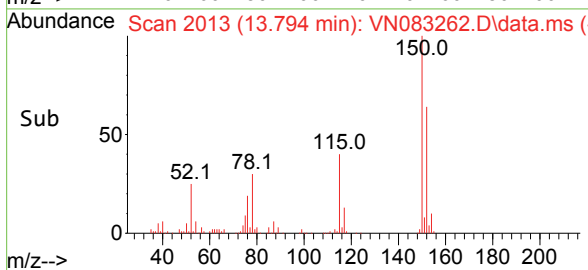
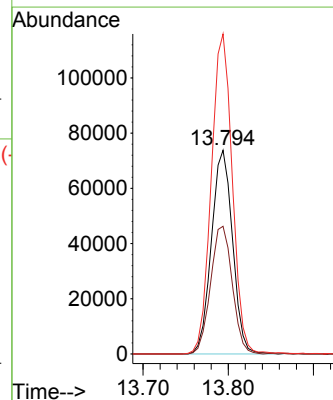
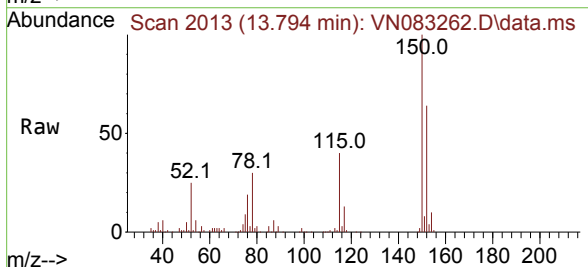
Tgt Ion:152 Resp: 127173

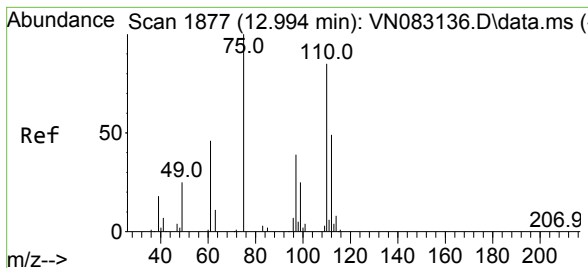
Ion Ratio Lower Upper

152 100

115 64.2 30.6 91.6

150 156.2 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 28.484 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083262.D

Acq: 13 Aug 2024 16:56

Instrument :

MSVOA_N

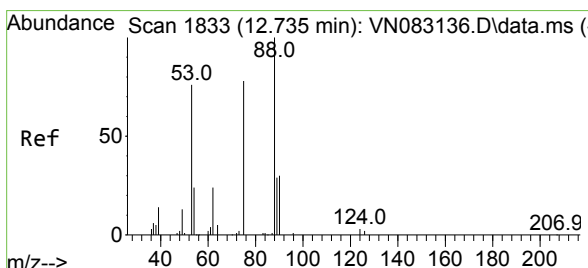
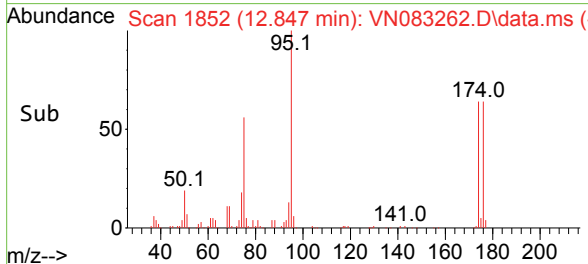
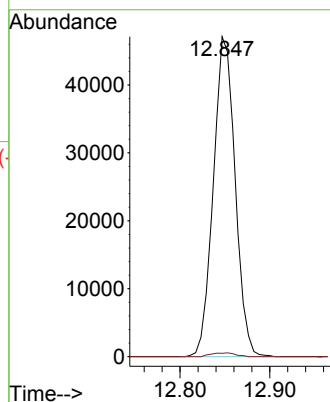
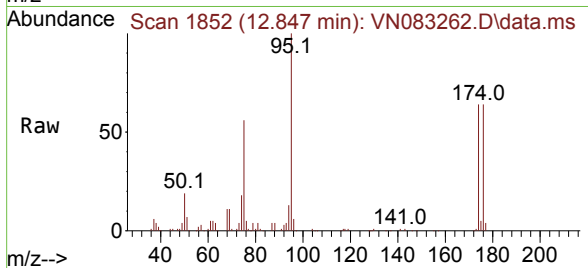
ClientSampleId :

Tgt Ion: 75 Resp: 79502

Ion Ratio Lower Upper

75 100

77 1.3 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.959 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083262.D

Acq: 13 Aug 2024 16:56

Tgt Ion: 75 Resp: 79502

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

