

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083341.D
 Acq On : 15 Aug 2024 19:15
 Operator : JC\MD
 Sample : P3623-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 16 03:59:37 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)

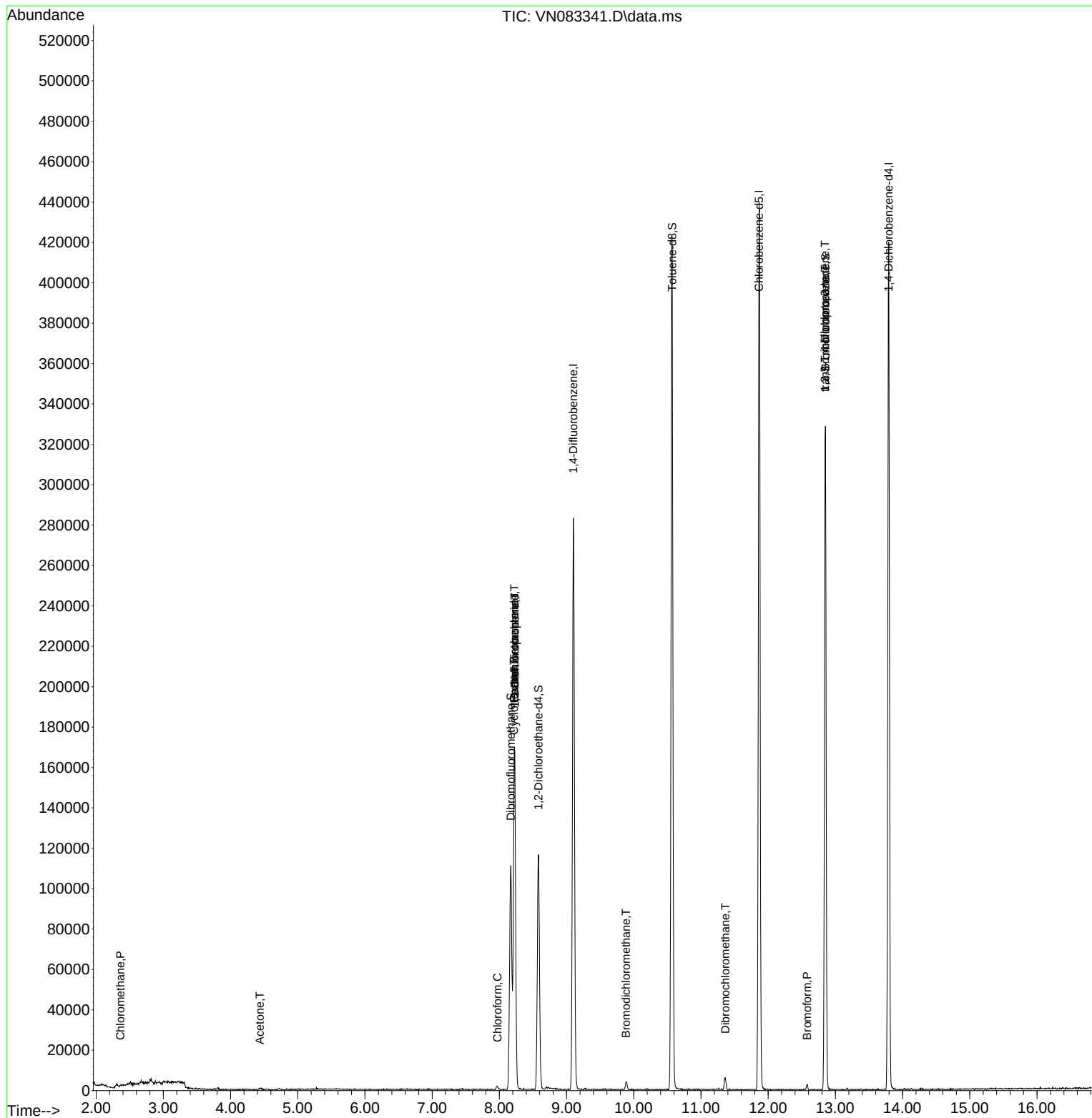
Internal Standards						
1) Pentafluorobenzene	8.224	168	118987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	237229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	100457	59.314	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 118.620%		
35) Dibromofluoromethane	8.171	113	80260	54.203	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 108.400%		
50) Toluene-d8	10.571	98	292268	52.914	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.820%		
62) 4-Bromofluorobenzene	12.853	95	120978	56.181	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 112.360%		
Target Compounds						
						Qvalue
3) Chloromethane	2.359	50	449	0.325	ug/l #	1
16) Acetone	4.436	43	784	1.183	ug/l #	48
30) Chloroform	7.971	83	1643	0.619	ug/l	94
31) Cyclohexane	8.218	56	2846	1.134	ug/l #	41
36) 1,1-Dichloropropene	8.230	75	11560	5.161	ug/l #	48
38) Carbon Tetrachloride	8.224	117	13855	5.492	ug/l #	17
43) Isopropyl Acetate	8.706	43	981	Below Cal		# 60
47) Bromodichloromethane	9.882	83	3285	1.290	ug/l #	73
60) Dibromochloromethane	11.365	129	3685	2.017	ug/l	99
71) Bromoform	12.582	173	1205	0.822	ug/l #	89
76) 1,2,3-Trichloropropane	12.847	75	66183	27.824	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	66183	60.525	ug/l #	6

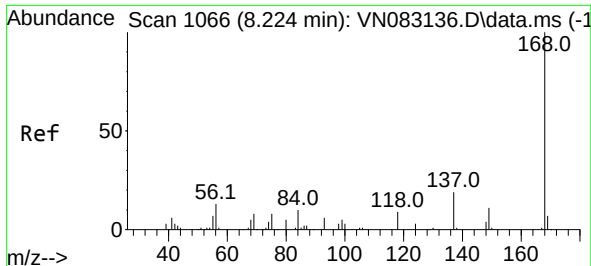
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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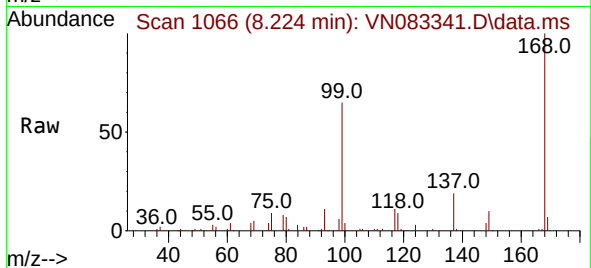
Quant Time: Aug 16 03:59:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



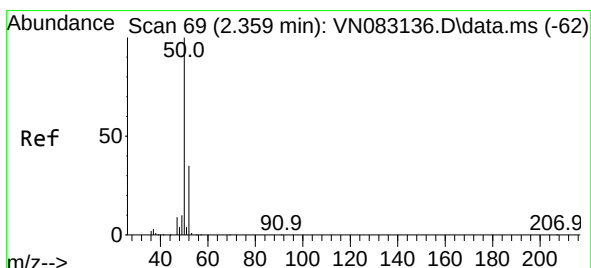
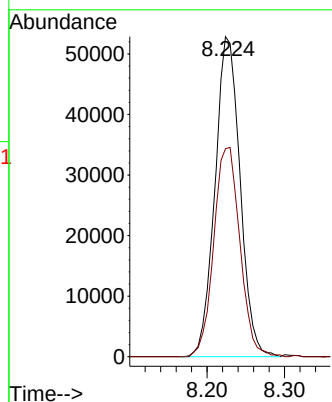
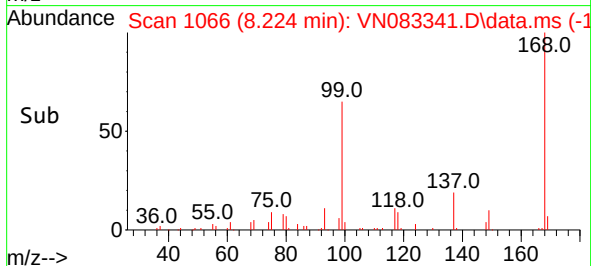


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083341.D
Acq: 15 Aug 2024 19:15

Instrument :
MSVOA_N
ClientSampleId :

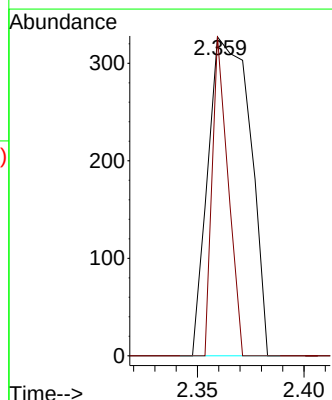
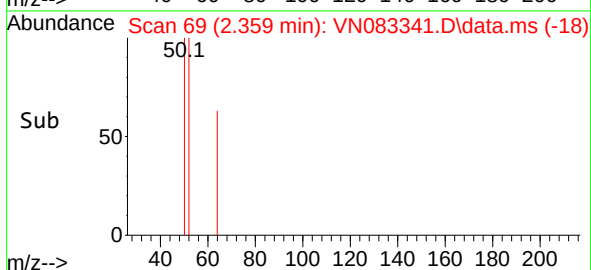
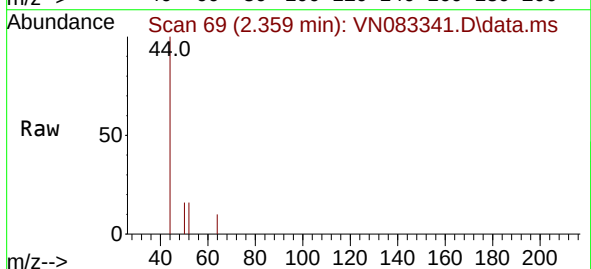


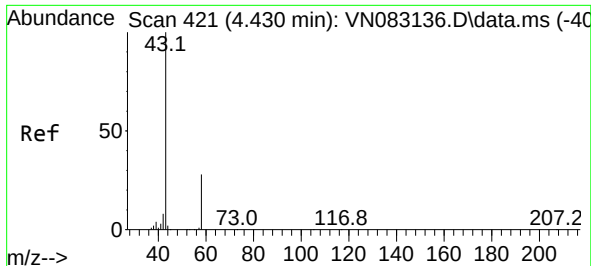
Tgt Ion:168 Resp: 118987
Ion Ratio Lower Upper
168 100
99 65.0 48.2 72.4



#3
Chloromethane
Concen: 0.325 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083341.D
Acq: 15 Aug 2024 19:15

Tgt Ion: 50 Resp: 449
Ion Ratio Lower Upper
50 100
52 100.3 25.0 37.4#

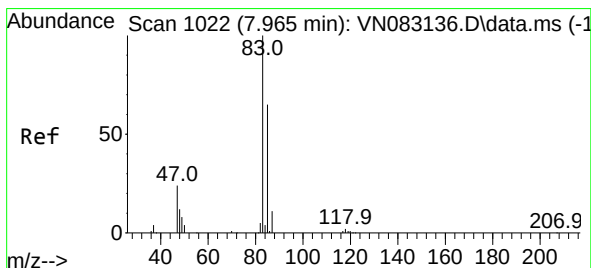
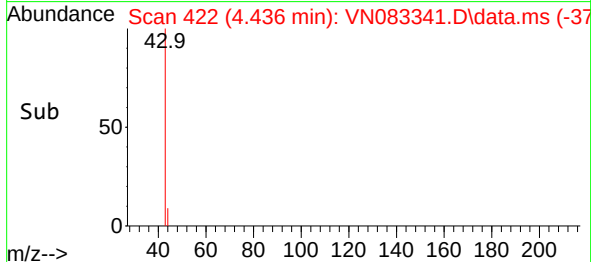
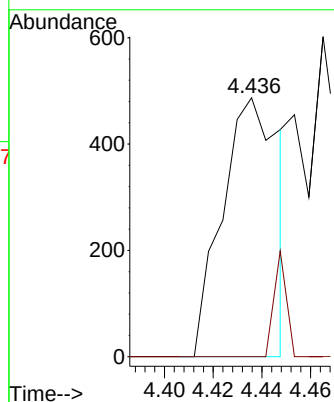
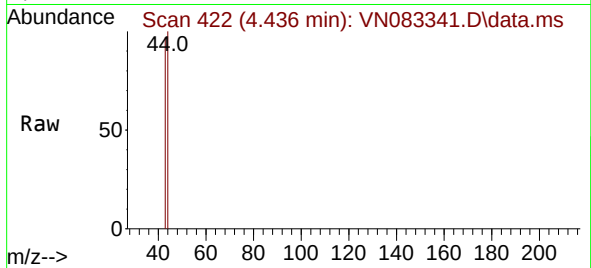




#16
Acetone
Concen: 1.183 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083341.D
Acq: 15 Aug 2024 19:15

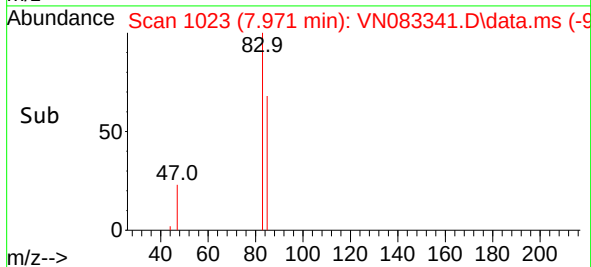
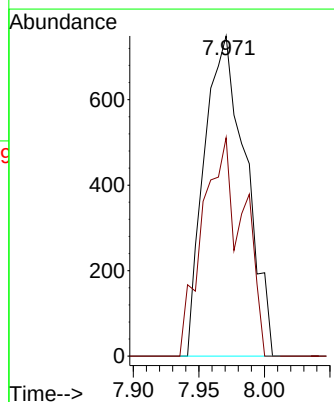
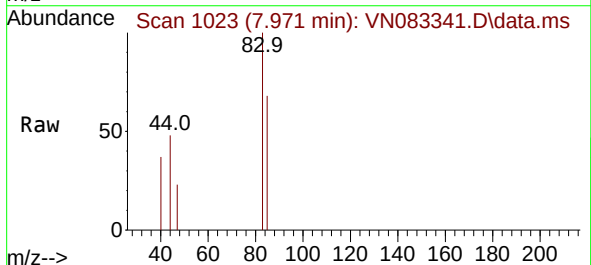
Instrument :
MSVOA_N
ClientSampleId :

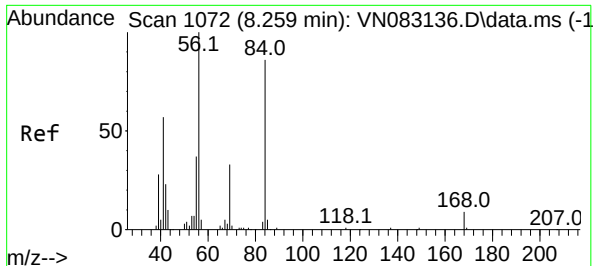
Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#30
Chloroform
Concen: 0.619 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN083341.D
Acq: 15 Aug 2024 19:15

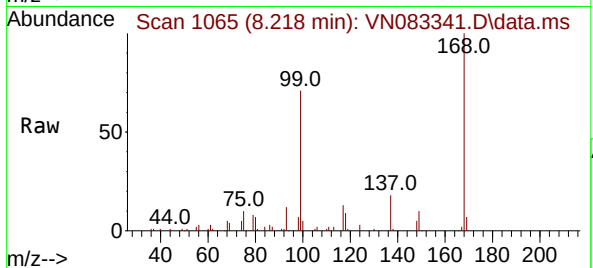
Tgt Ion: 83 Resp: 1643
Ion Ratio Lower Upper
83 100
85 68.2 50.9 76.3



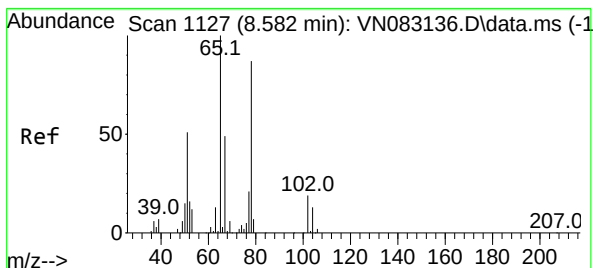
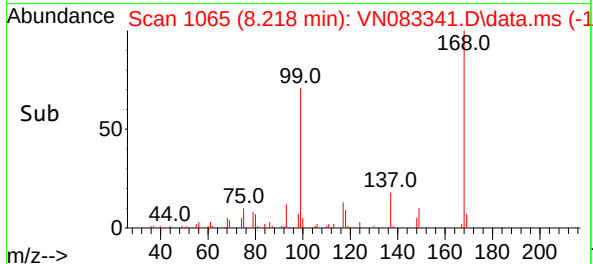
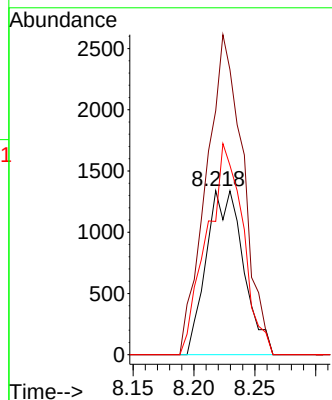


#31
Cyclohexane
Concen: 1.134 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083341.D
Acq: 15 Aug 2024 19:15

Instrument :
MSVOA_N
ClientSampleId :

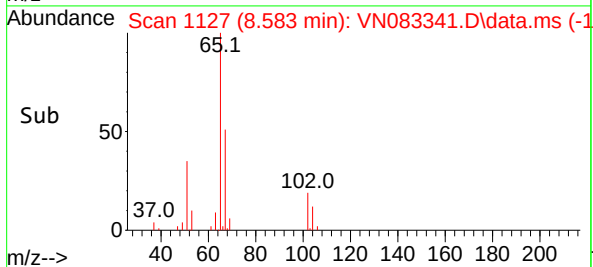
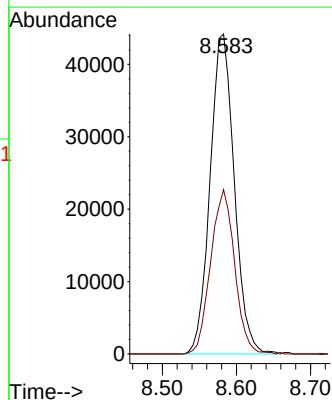
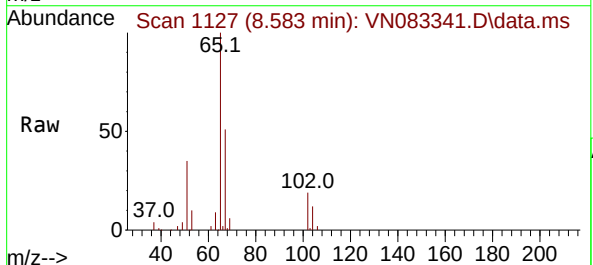


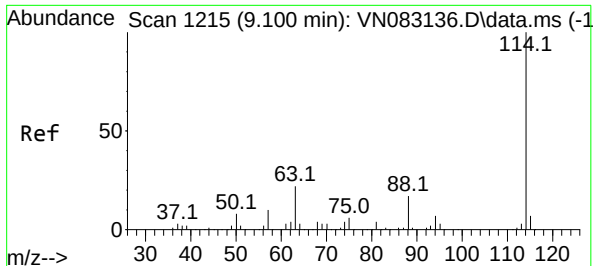
Tgt Ion	Ratio	Lower	Upper
56	100		
69	148.7	24.5	36.7#
84	81.2	66.0	99.0



#33
1,2-Dichloroethane-d4
Concen: 59.314 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083341.D
Acq: 15 Aug 2024 19:15

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083341.D

Acq: 15 Aug 2024 19:15

Instrument :

MSVOA_N

ClientSampleId :

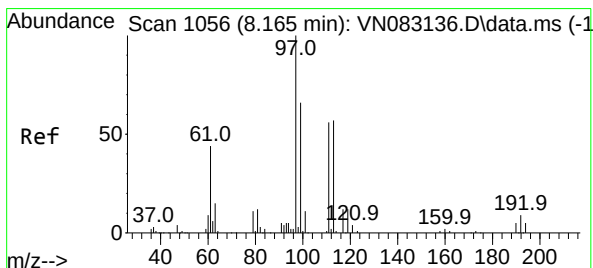
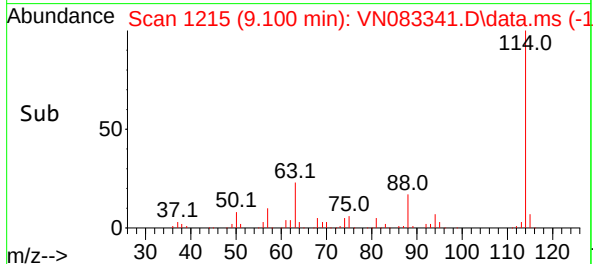
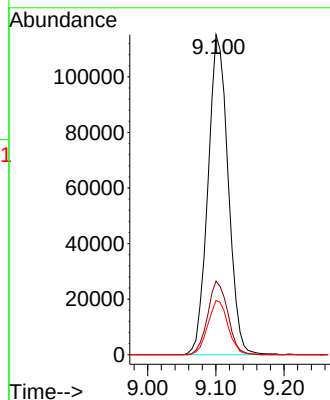
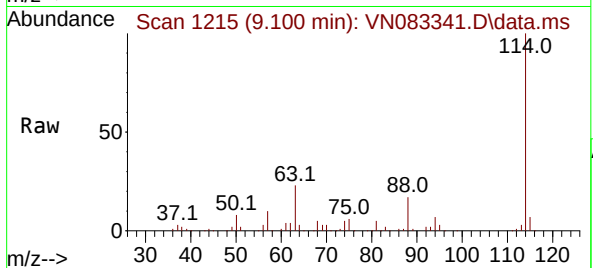
Tgt Ion:114 Resp: 237229

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.6

88 17.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.203 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083341.D

Acq: 15 Aug 2024 19:15

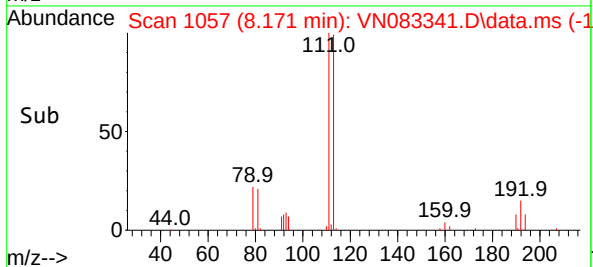
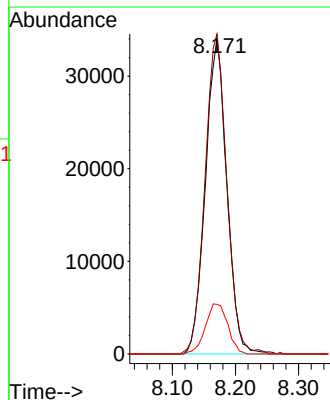
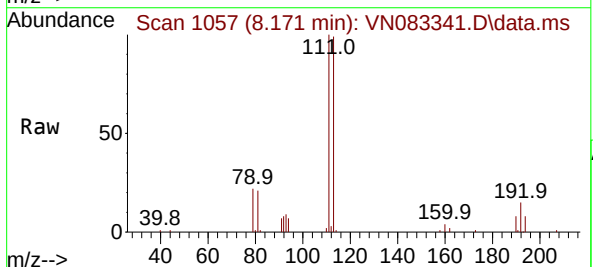
Tgt Ion:113 Resp: 80260

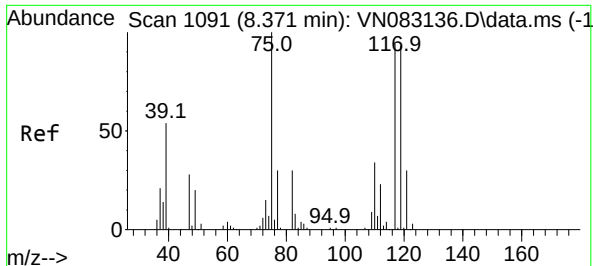
Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

192 16.6 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.161 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

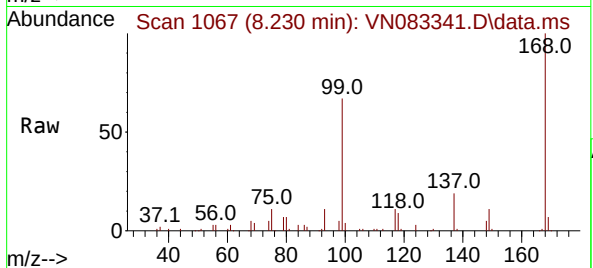
Lab File: VN083341.D

Acq: 15 Aug 2024 19:15

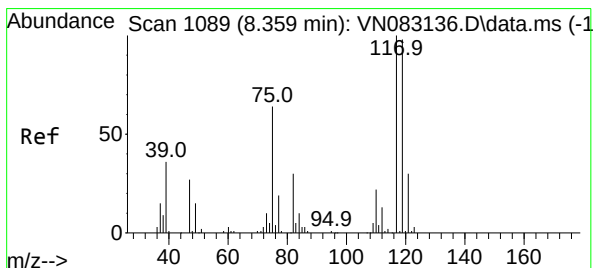
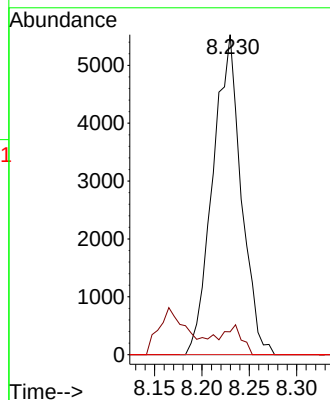
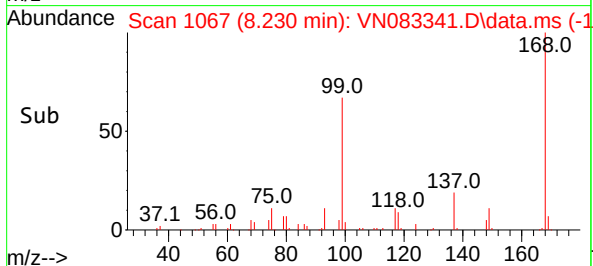
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	11560
Ion Ratio	Lower	Upper	
75	100		
110	5.4	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.492 ug/l

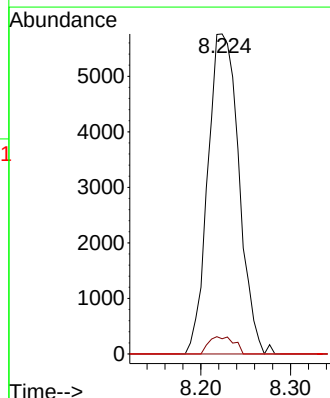
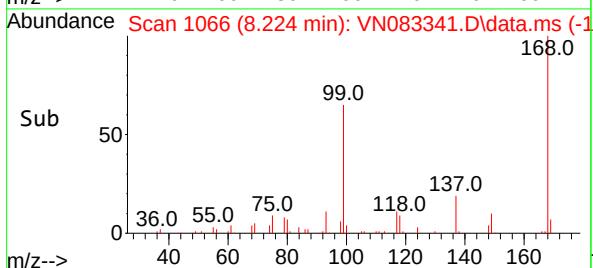
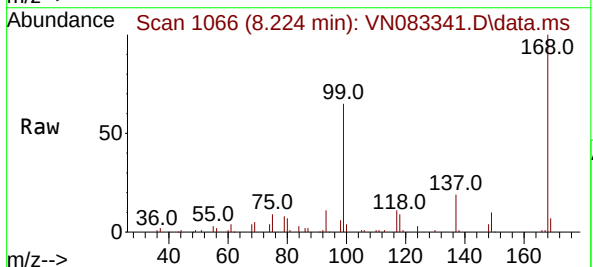
RT: 8.224 min Scan# 1066

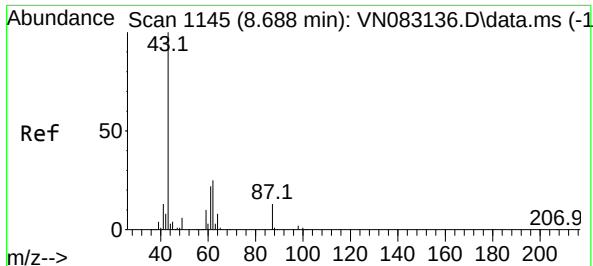
Delta R.T. -0.135 min

Lab File: VN083341.D

Acq: 15 Aug 2024 19:15

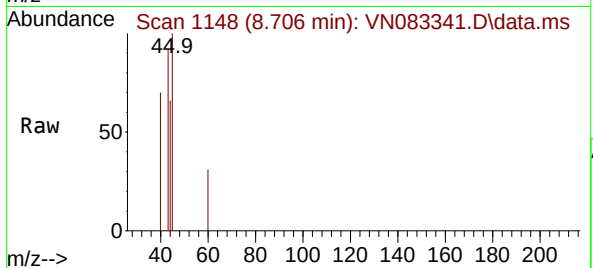
Tgt Ion:	117	Resp:	13855
Ion Ratio	Lower	Upper	
117	100		
119	4.7	74.9	112.3#
121	0.0	24.3	36.5#



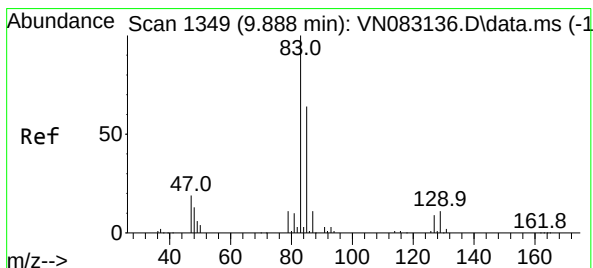
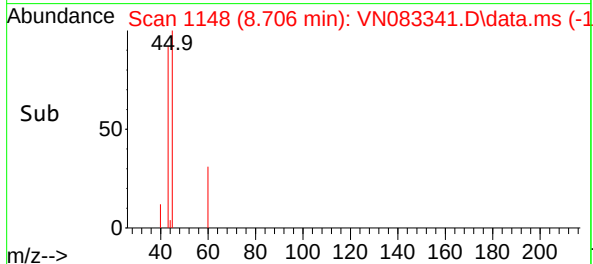
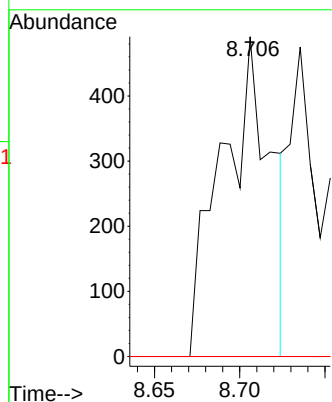


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.706 min Scan# 1145
Delta R.T. 0.018 min
Lab File: VN083341.D
Acq: 15 Aug 2024 19:15

Instrument :
MSVOA_N
ClientSampleId :

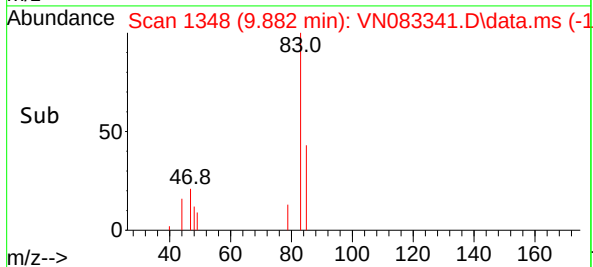
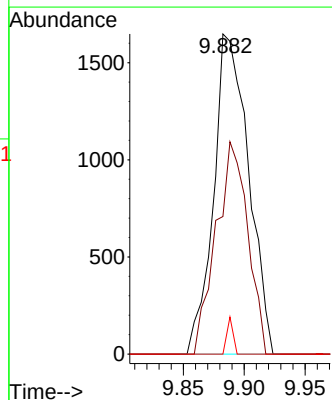
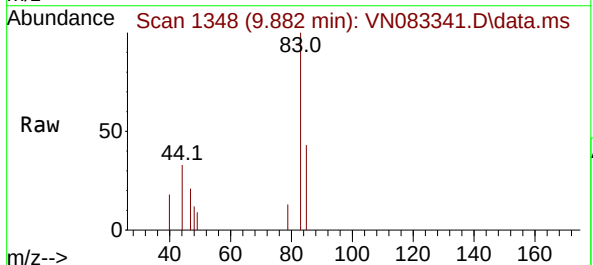


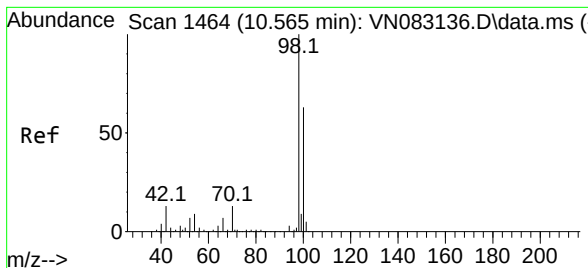
Tgt Ion: 43 Resp: 981
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#47
Bromodichloromethane
Concen: 1.290 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VN083341.D
Acq: 15 Aug 2024 19:15

Tgt Ion: 83 Resp: 3285
Ion Ratio Lower Upper
83 100
85 43.0 51.1 76.7#
127 0.0 7.2 10.8#





#50

Toluene-d8

Concen: 52.914 ug/l

RT: 10.571 min Scan# 14

Delta R.T. 0.006 min

Lab File: VN083341.D

Acq: 15 Aug 2024 19:15

Instrument :

MSVOA_N

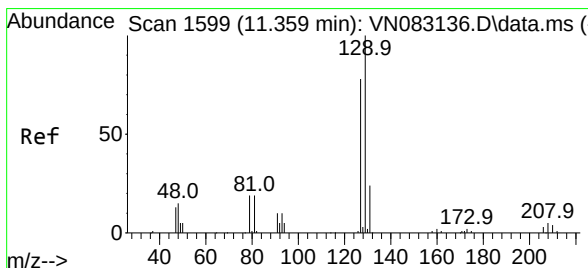
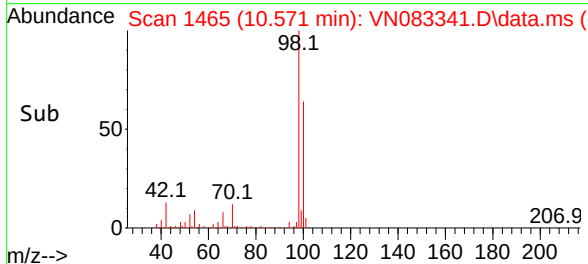
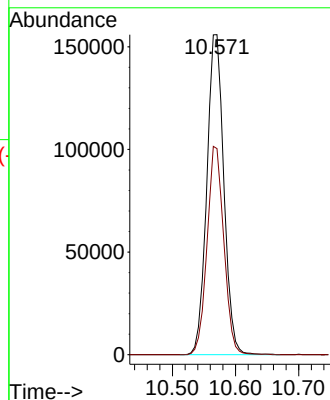
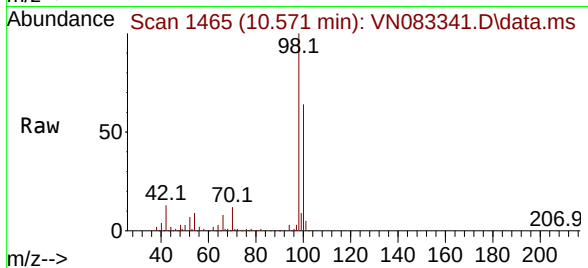
ClientSampleId :

Tgt Ion: 98 Resp: 292268

Ion Ratio Lower Upper

98 100

100 64.1 51.5 77.3



#60

Dibromochloromethane

Concen: 2.017 ug/l

RT: 11.365 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VN083341.D

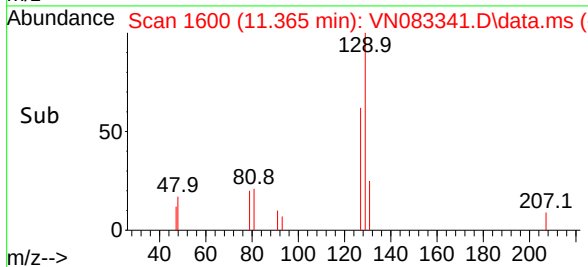
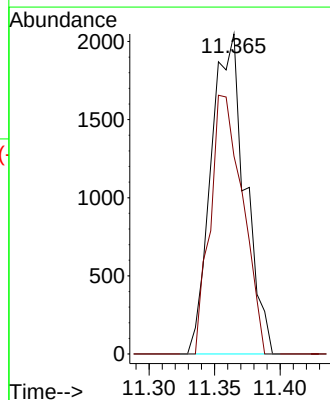
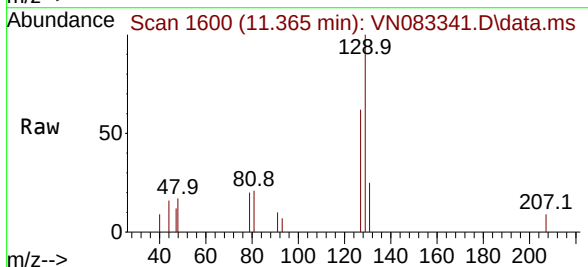
Acq: 15 Aug 2024 19:15

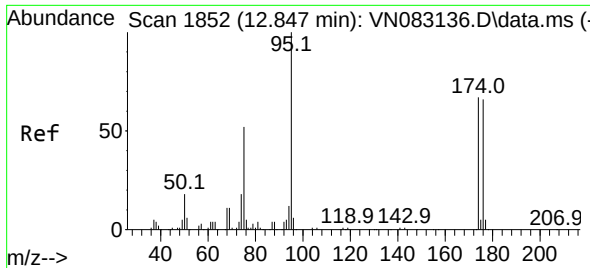
Tgt Ion:129 Resp: 3685

Ion Ratio Lower Upper

129 100

127 77.3 39.2 117.6

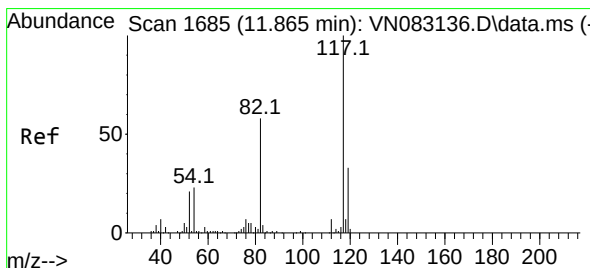
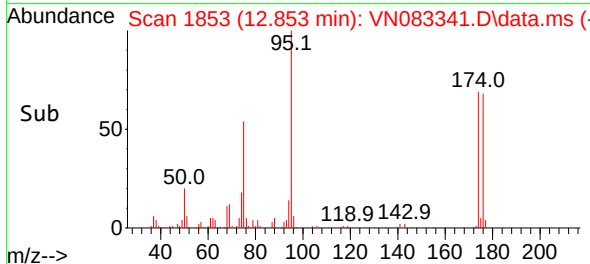
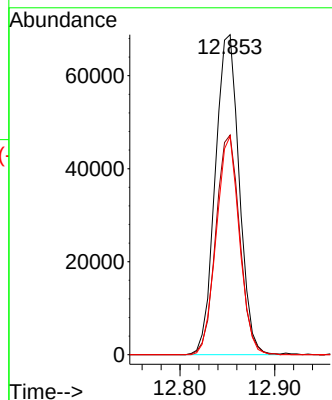
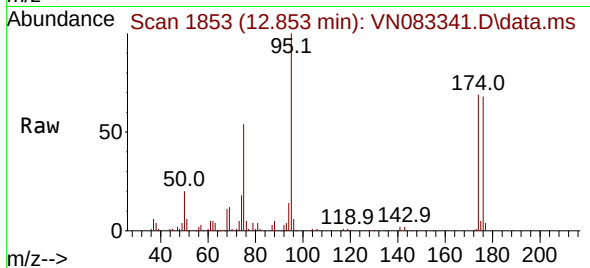




#62
4-Bromofluorobenzene
Concen: 56.181 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083341.D
Acq: 15 Aug 2024 19:15

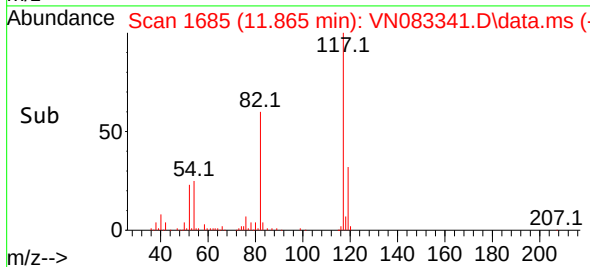
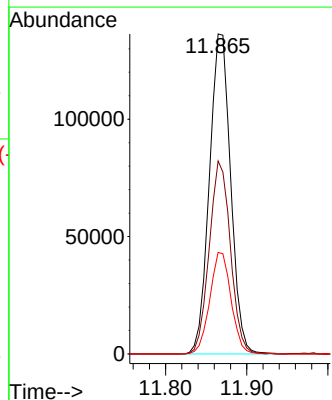
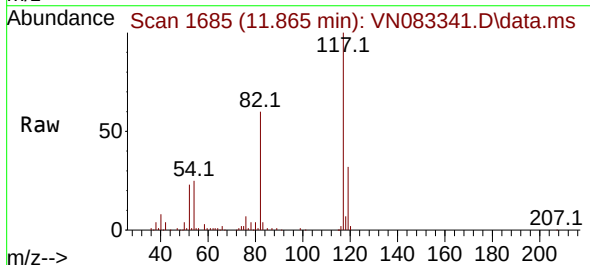
Instrument :
MSVOA_N
ClientSampleId :

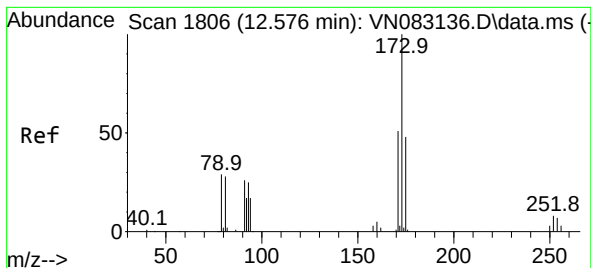
Tgt Ion: 95 Resp: 120978
Ion Ratio Lower Upper
95 100
174 68.4 0.0 159.2
176 65.9 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083341.D
Acq: 15 Aug 2024 19:15

Tgt Ion: 117 Resp: 248301
Ion Ratio Lower Upper
117 100
82 60.3 47.5 71.3
119 31.7 25.6 38.4





#71

Bromoform

Concen: 0.822 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.006 min

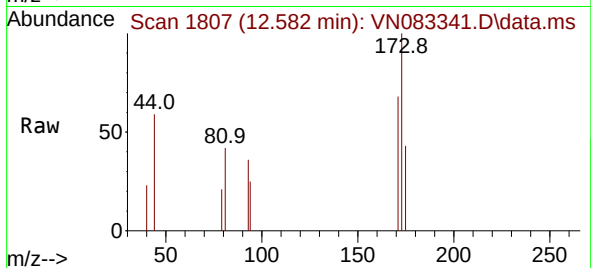
Lab File: VN083341.D

Acq: 15 Aug 2024 19:15

Instrument :

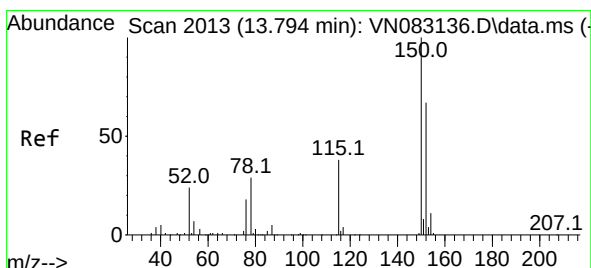
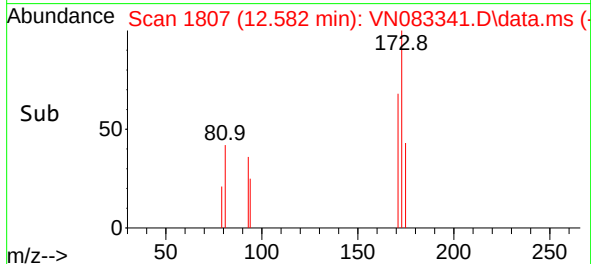
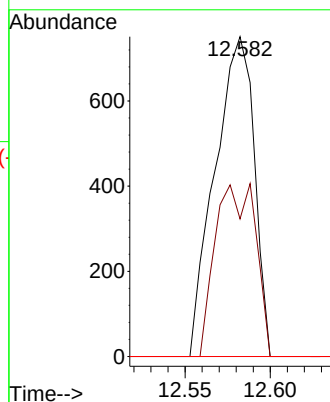
MSVOA_N

ClientSampleId :



Tgt Ion:173 Resp: 1205

Ion	Ratio	Lower	Upper
173	100		
175	55.3	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

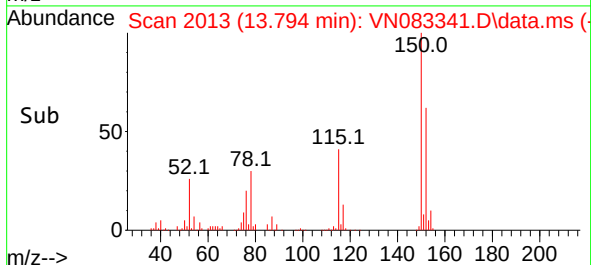
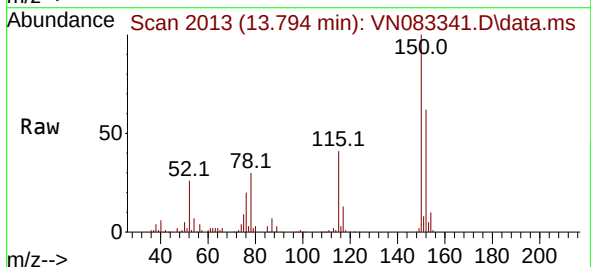
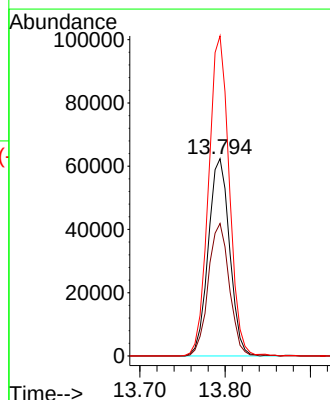
Delta R.T. 0.000 min

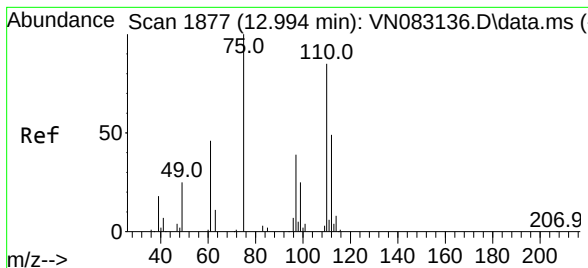
Lab File: VN083341.D

Acq: 15 Aug 2024 19:15

Tgt Ion:152 Resp: 108377

Ion	Ratio	Lower	Upper
152	100		
115	66.1	30.6	91.6
150	157.0	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 27.824 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083341.D

Acq: 15 Aug 2024 19:15

Instrument :

MSVOA_N

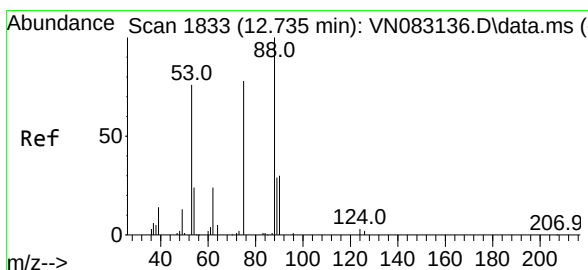
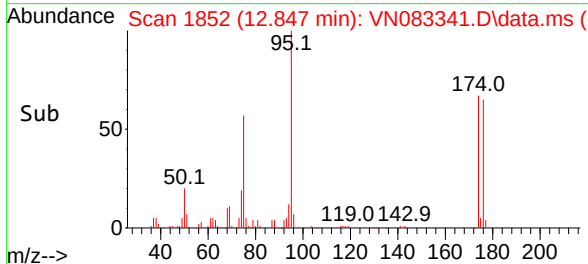
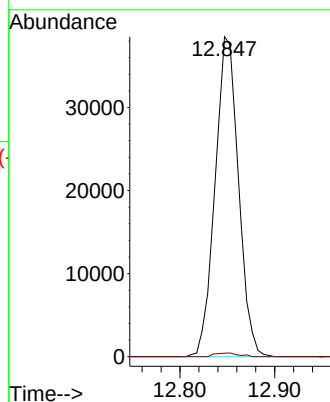
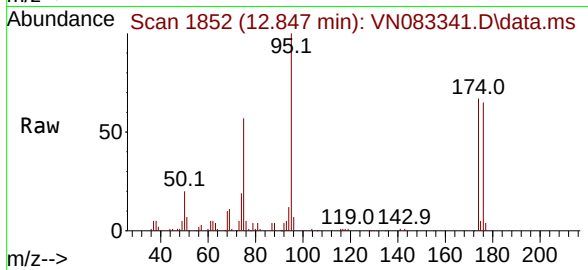
ClientSampleId :

Tgt Ion: 75 Resp: 66183

Ion Ratio Lower Upper

75 100

77 1.2 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.525 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083341.D

Acq: 15 Aug 2024 19:15

Tgt Ion: 75 Resp: 66183

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

