

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081924\
 Data File : VN083380.D
 Acq On : 19 Aug 2024 18:17
 Operator : JC\MD
 Sample : P3657-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 20 04:49:50 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)

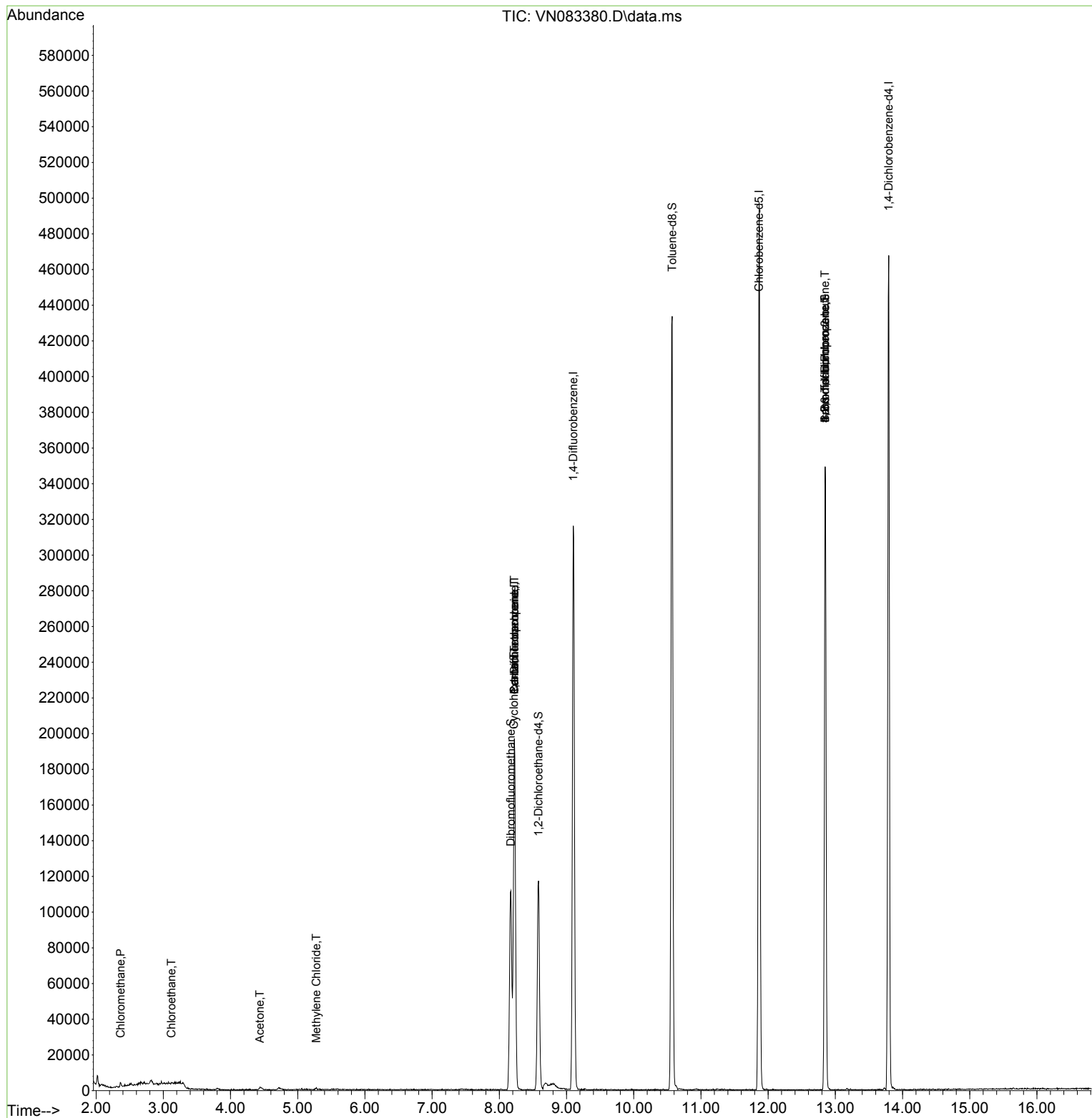
Internal Standards						
1) Pentafluorobenzene	8.224	168	135592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	101916	52.806	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.620%			
35) Dibromofluoromethane	8.171	113	81924	49.030	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.060%			
50) Toluene-d8	10.571	98	299343	48.027	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.060%			
62) 4-Bromofluorobenzene	12.847	95	125119	51.491	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.980%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	2153	1.368	ug/l #	85
6) Chloroethane	3.118	64	369	0.367	ug/l #	41
16) Acetone	4.436	43	3141	4.159	ug/l #	90
20) Methylene Chloride	5.277	84	439	0.253	ug/l #	72
31) Cyclohexane	8.218	56	3260	1.140	ug/l #	23
36) 1,1-Dichloropropene	8.224	75	12004	4.749	ug/l #	52
38) Carbon Tetrachloride	8.224	117	15359	5.395	ug/l #	18
43) Isopropyl Acetate	8.694	43	4222	Below Cal	#	60
71) Bromoform	12.847	173	645	0.396	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	68920	25.931	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	68920	56.407	ug/l #	6

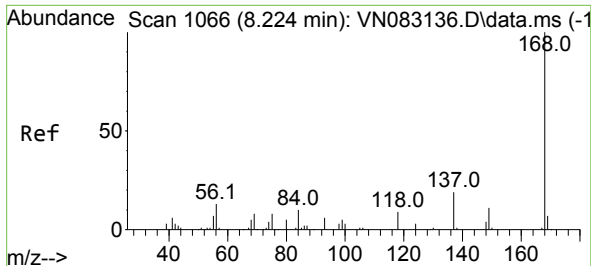
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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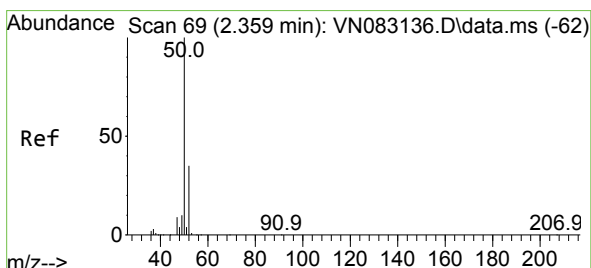
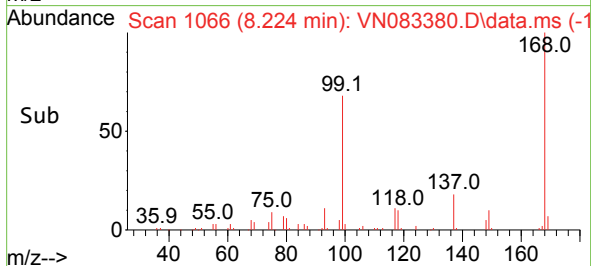
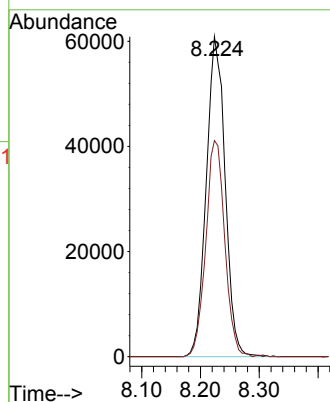
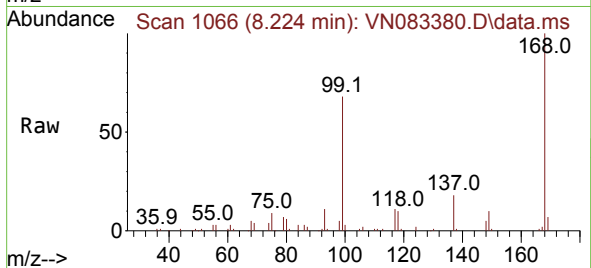




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083380.D
Acq: 19 Aug 2024 18:17

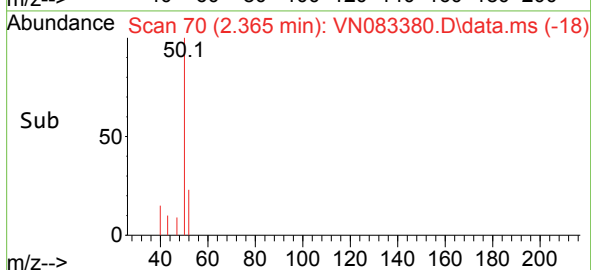
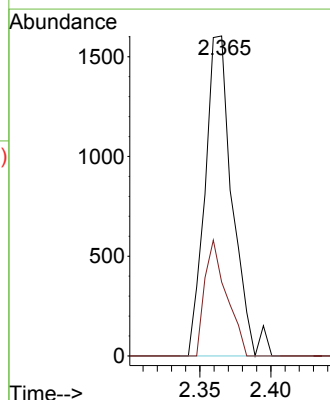
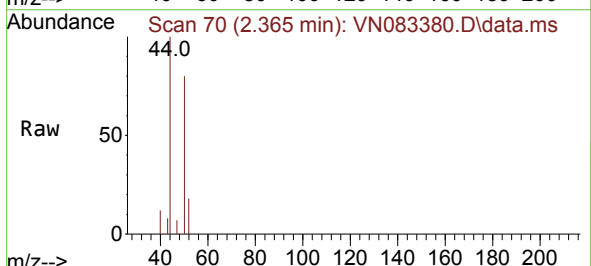
Instrument :
MSVOA_N
ClientSampleId :

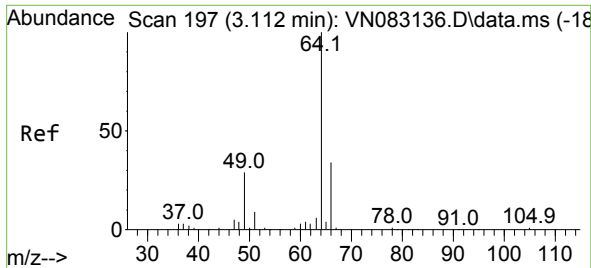
Tgt Ion:168 Resp: 135592
Ion Ratio Lower Upper
168 100
99 67.6 48.2 72.4



#3
Chloromethane
Concen: 1.368 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083380.D
Acq: 19 Aug 2024 18:17

Tgt Ion: 50 Resp: 2153
Ion Ratio Lower Upper
50 100
52 23.1 25.0 37.4#

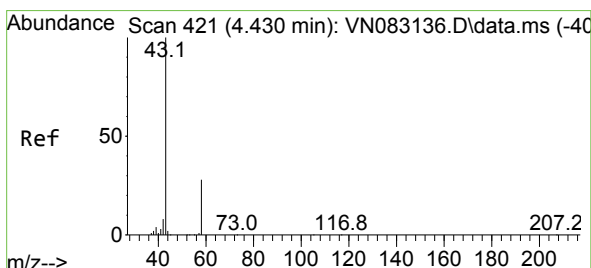
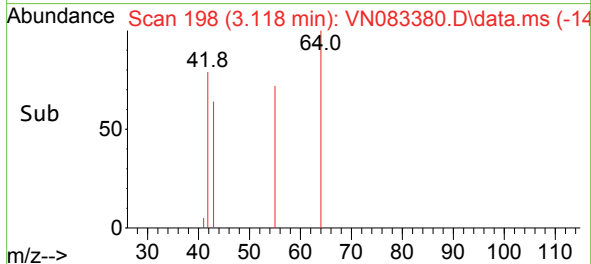
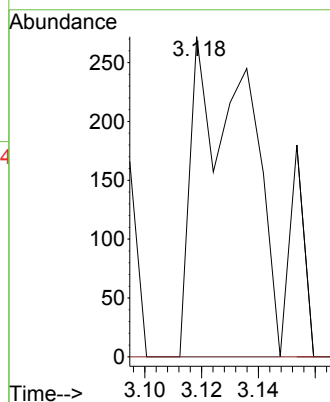
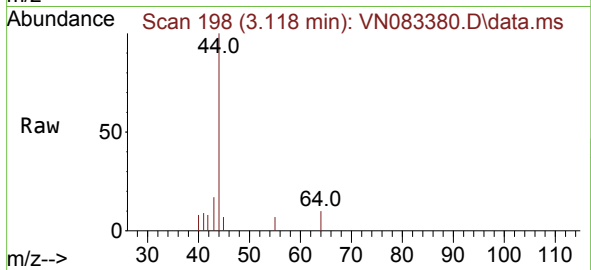




#6
Chloroethane
Concen: 0.367 ug/l
RT: 3.118 min Scan# 197
Delta R.T. 0.006 min
Lab File: VN083380.D
Acq: 19 Aug 2024 18:17

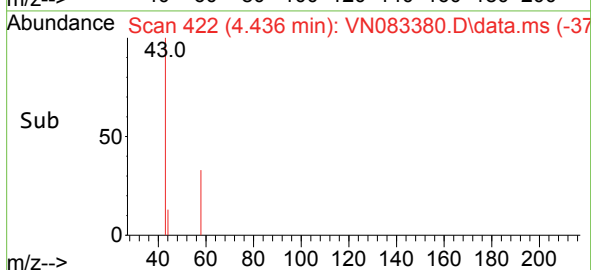
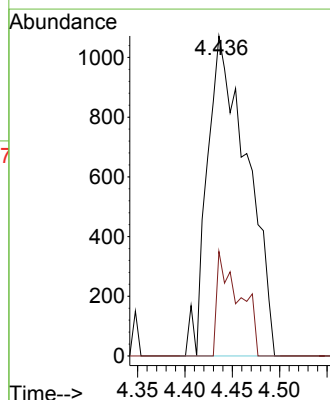
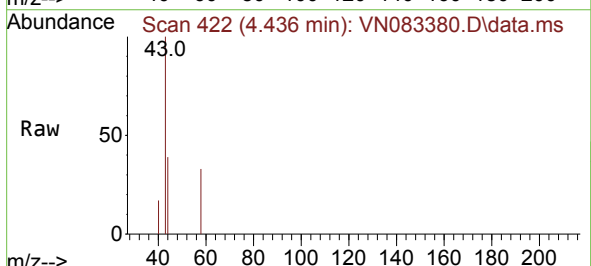
Instrument :
MSVOA_N
ClientSampleId :

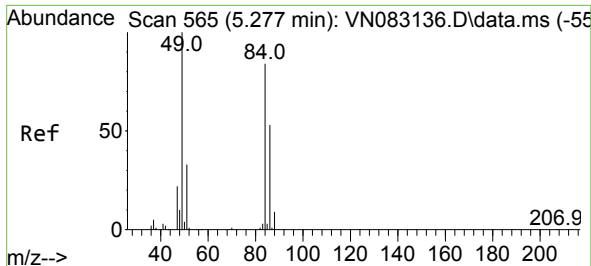
Tgt Ion: 64 Resp: 369
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#16
Acetone
Concen: 4.159 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083380.D
Acq: 19 Aug 2024 18:17

Tgt Ion: 43 Resp: 3141
Ion Ratio Lower Upper
43 100
58 32.6 21.8 32.6#





#20

Methylene Chloride

Concen: 0.253 ug/l

RT: 5.277 min Scan# 5

Delta R.T. 0.000 min

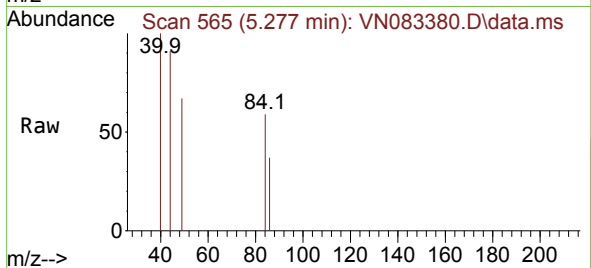
Lab File: VN083380.D

Acq: 19 Aug 2024 18:17

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 439

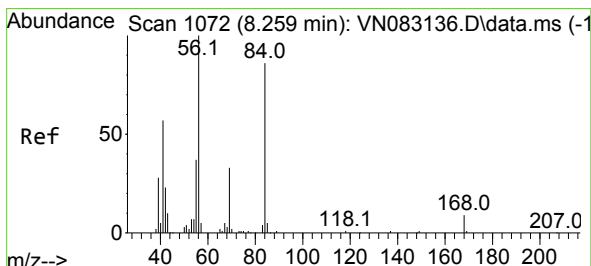
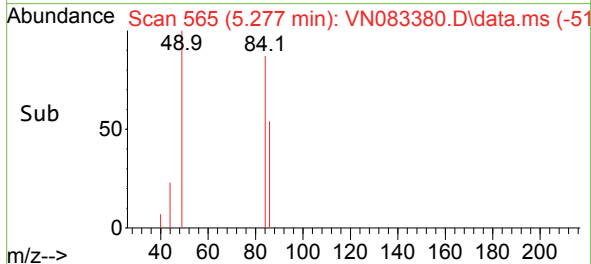
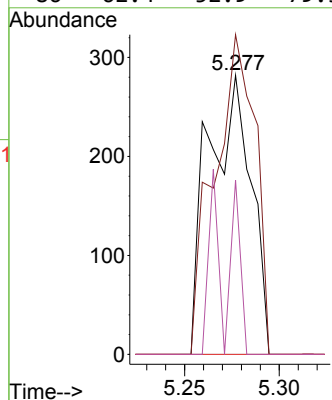
Ion Ratio Lower Upper

84 100

49 114.5 119.6 179.4#

51 0.0 34.8 52.2#

86 62.4 52.9 79.3



#31

Cyclohexane

Concen: 1.140 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.041 min

Lab File: VN083380.D

Acq: 19 Aug 2024 18:17

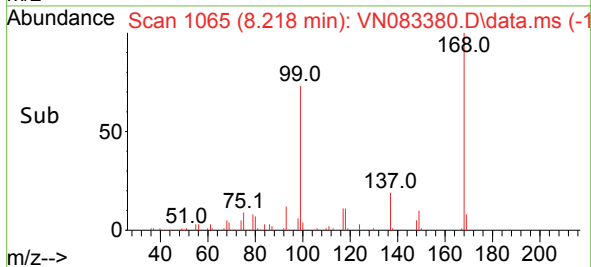
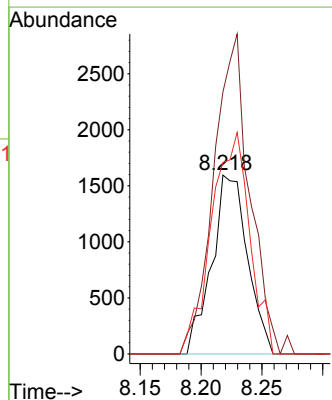
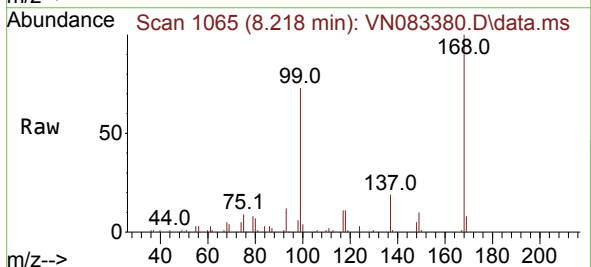
Tgt Ion: 56 Resp: 3260

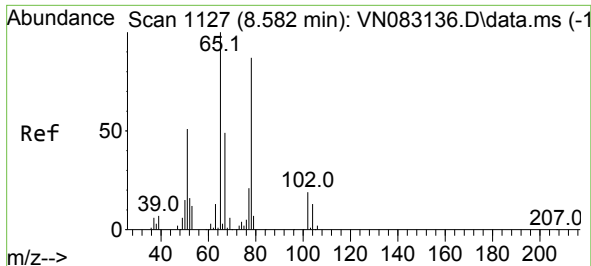
Ion Ratio Lower Upper

56 100

69 146.4 24.5 36.7#

84 107.0 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 52.806 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

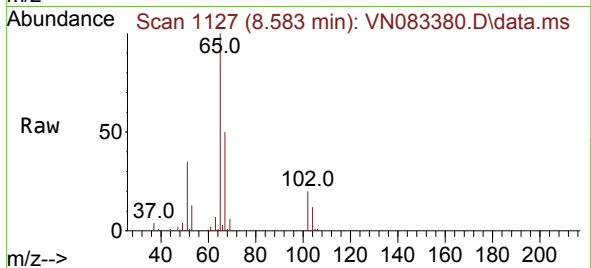
Lab File: VN083380.D

Acq: 19 Aug 2024 18:17

Instrument :

MSVOA_N

ClientSampleId :

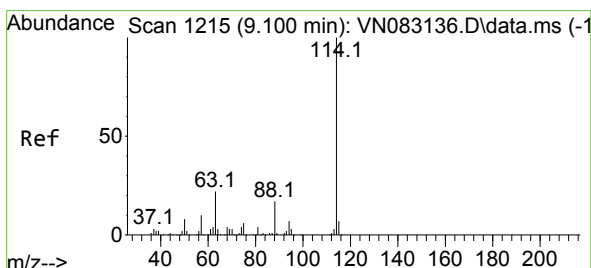
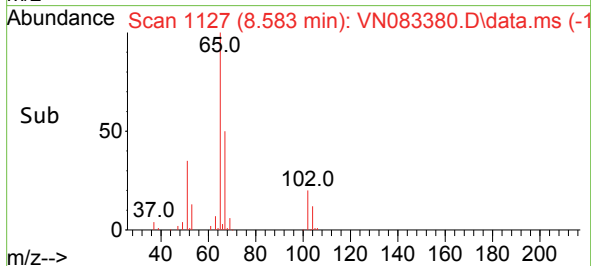
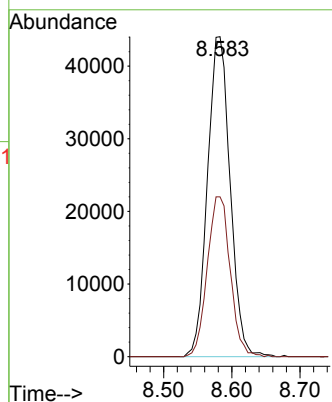


Tgt Ion: 65 Resp: 101916

Ion Ratio Lower Upper

65 100

67 50.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083380.D

Acq: 19 Aug 2024 18:17

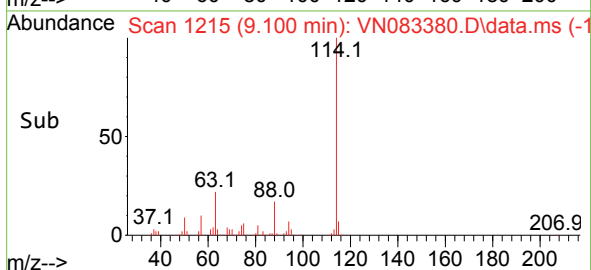
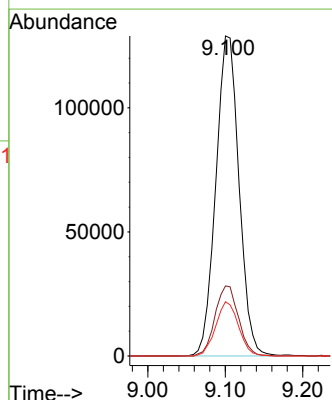
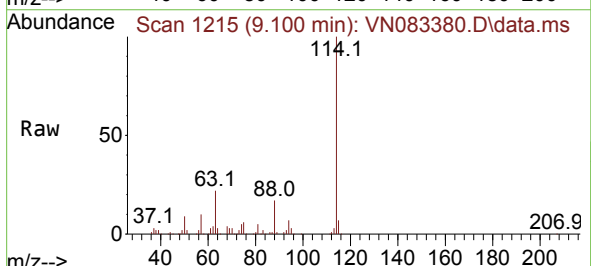
Tgt Ion: 114 Resp: 267695

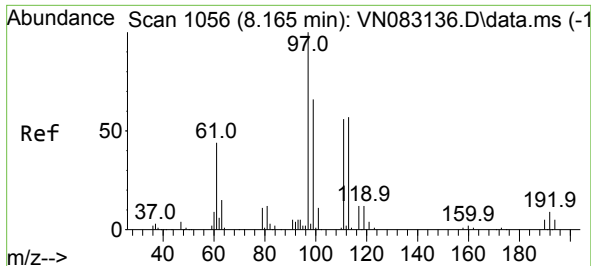
Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.6

88 16.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.030 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN083380.D

Acq: 19 Aug 2024 18:17

Instrument :

MSVOA_N

ClientSampleId :

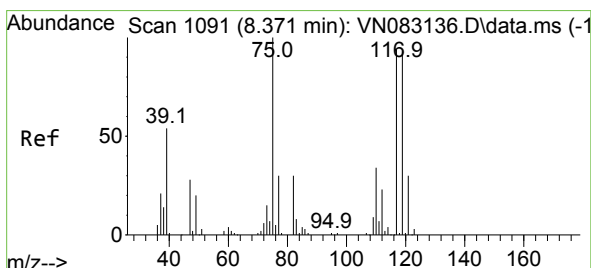
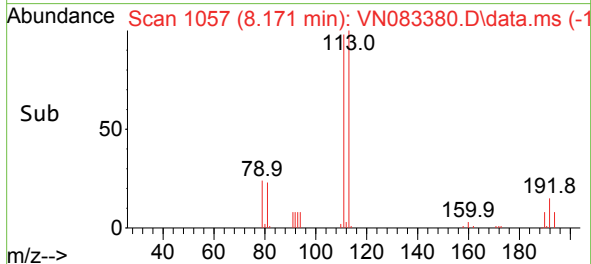
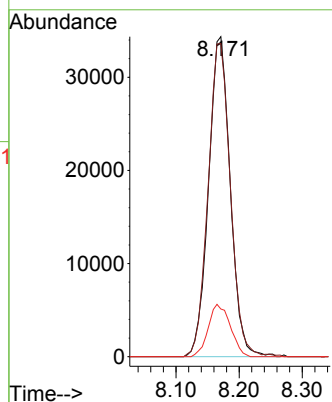
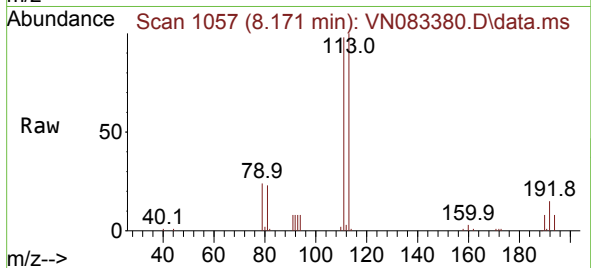
Tgt Ion:113 Resp: 81924

Ion Ratio Lower Upper

113 100

111 100.8 82.4 123.6

192 16.7 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.749 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083380.D

Acq: 19 Aug 2024 18:17

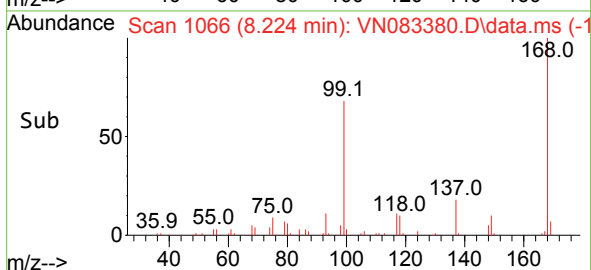
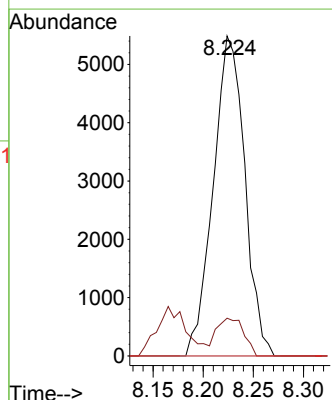
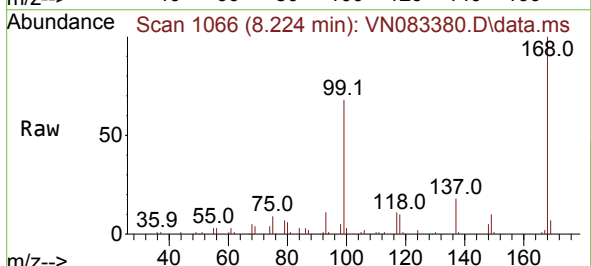
Tgt Ion: 75 Resp: 12004

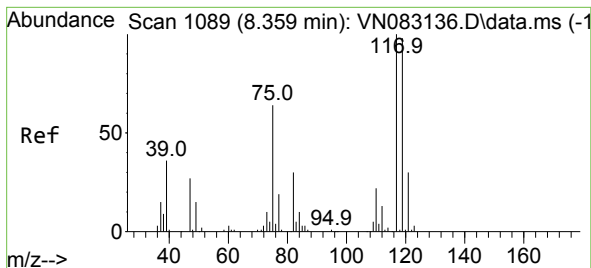
Ion Ratio Lower Upper

75 100

110 10.1 16.3 48.9#

77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.395 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

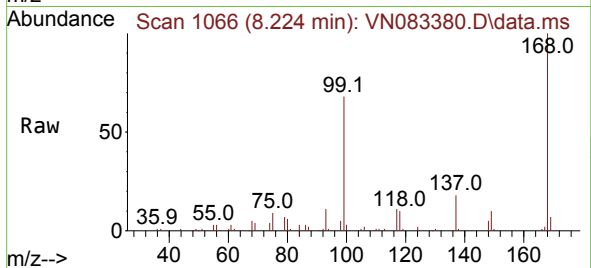
Lab File: VN083380.D

Acq: 19 Aug 2024 18:17

Instrument :

MSVOA_N

ClientSampleId :



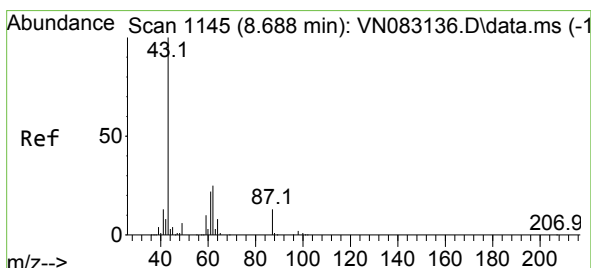
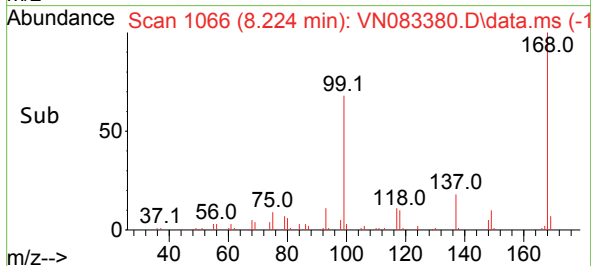
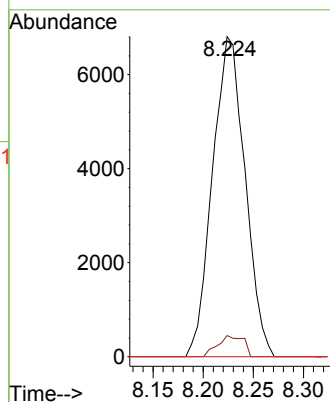
Tgt Ion:117 Resp: 15359

Ion Ratio Lower Upper

117 100

119 6.6 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN083380.D

Acq: 19 Aug 2024 18:17

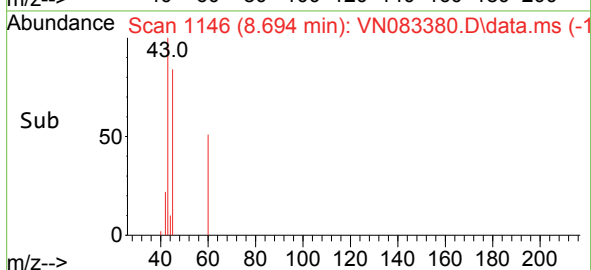
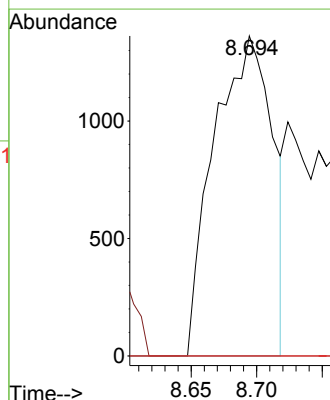
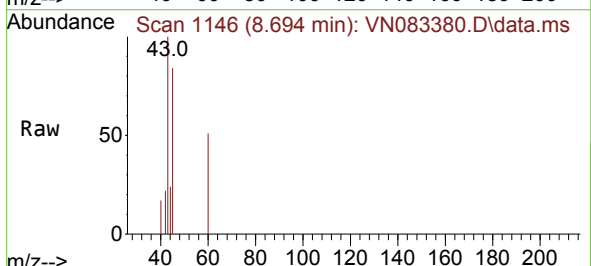
Tgt Ion: 43 Resp: 4222

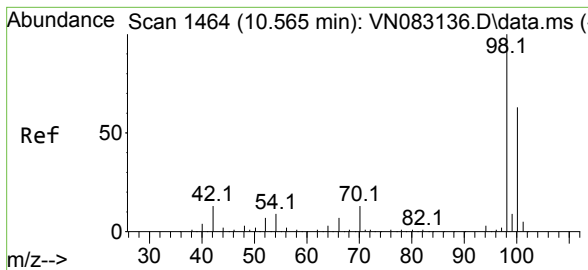
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

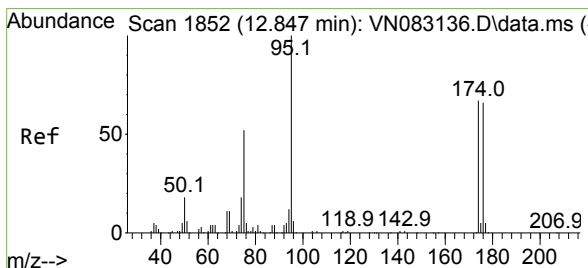
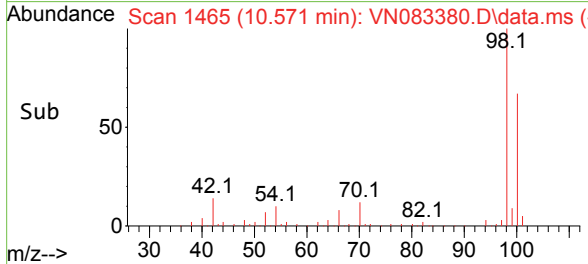
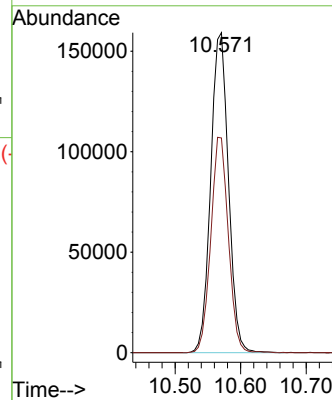
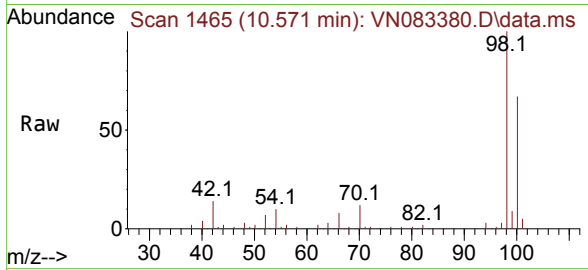




#50
Toluene-d8
Concen: 48.027 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN083380.D
Acq: 19 Aug 2024 18:17

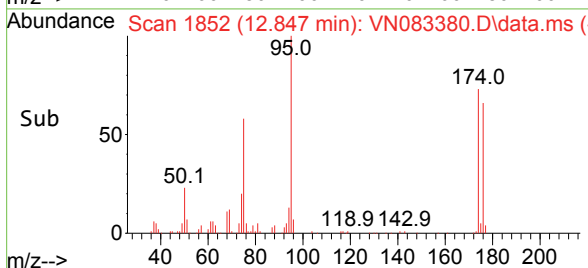
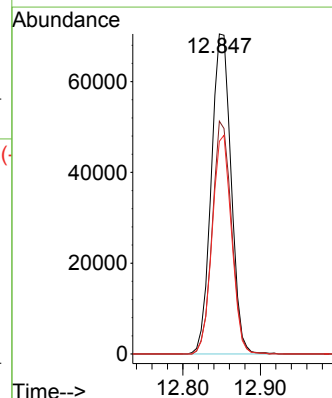
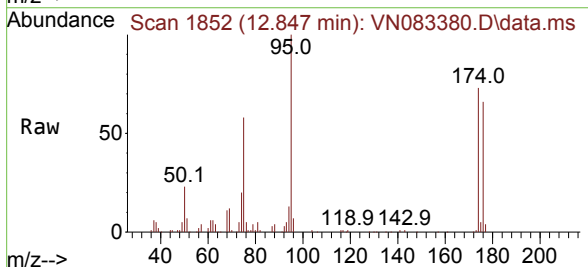
Instrument :
MSVOA_N
ClientSampleId :

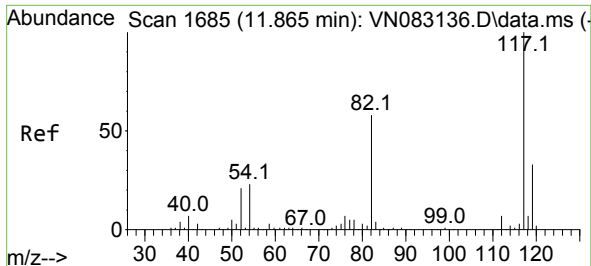
Tgt Ion: 98 Resp: 299343
Ion Ratio Lower Upper
98 100
100 66.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 51.491 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083380.D
Acq: 19 Aug 2024 18:17

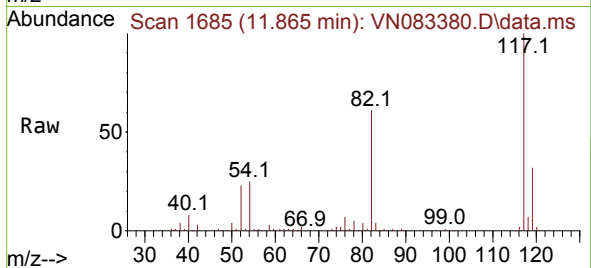
Tgt Ion: 95 Resp: 125119
Ion Ratio Lower Upper
95 100
174 70.7 0.0 159.2
176 66.7 0.0 147.6



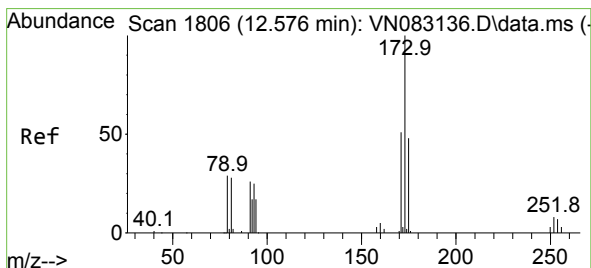
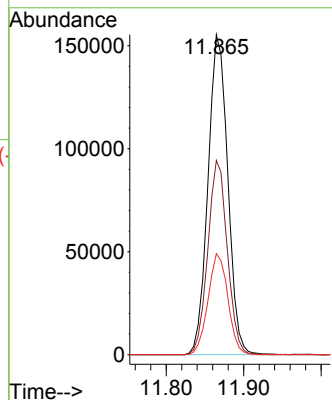
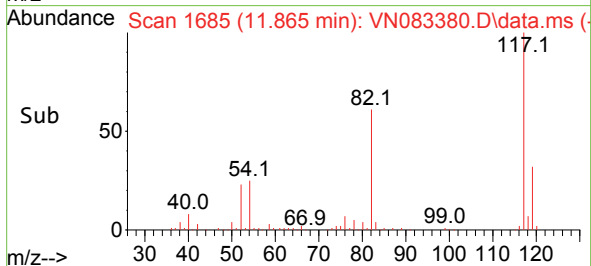


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083380.D
Acq: 19 Aug 2024 18:17

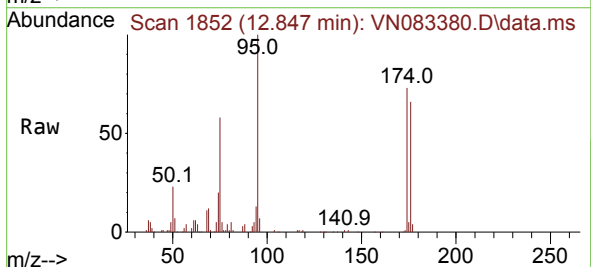
Instrument :
MSVOA_N
ClientSampleId :



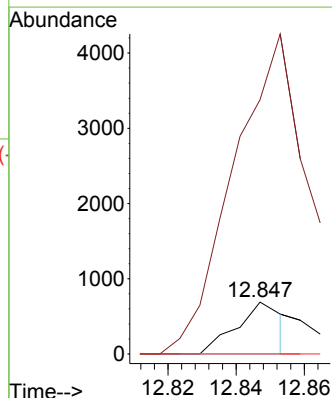
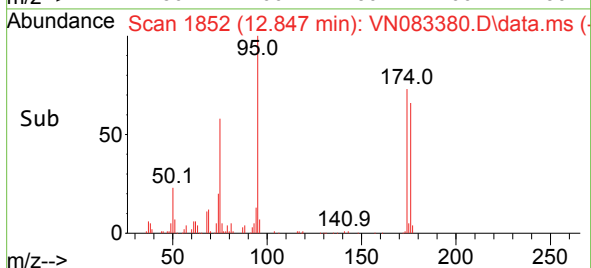
Tgt Ion:117 Resp: 275761
Ion Ratio Lower Upper
117 100
82 60.7 47.5 71.3
119 31.6 25.6 38.4

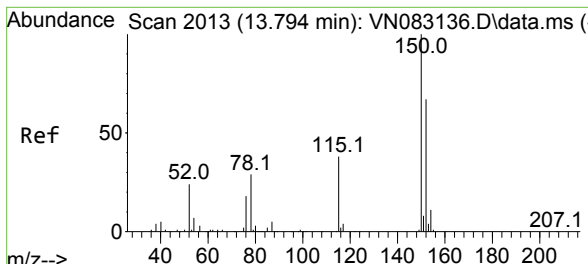


#71
Bromoform
Concen: 0.396 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN083380.D
Acq: 19 Aug 2024 18:17



Tgt Ion:173 Resp: 645
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0

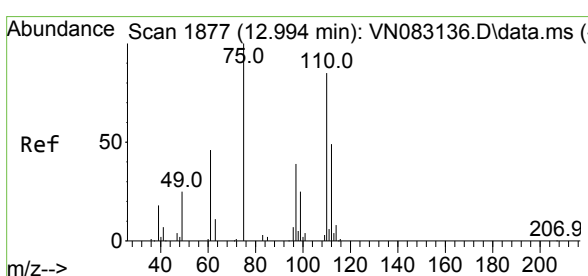
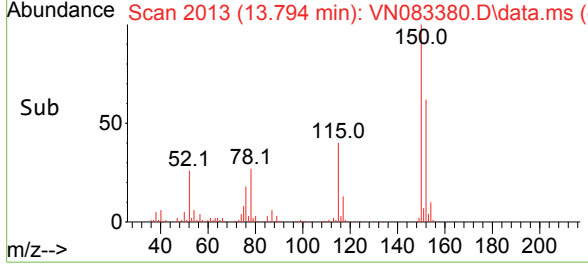
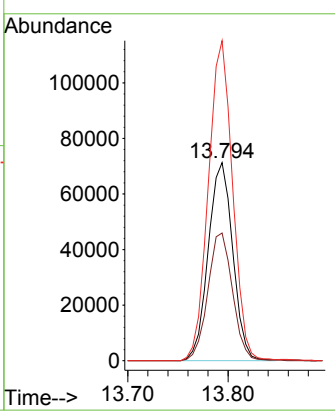
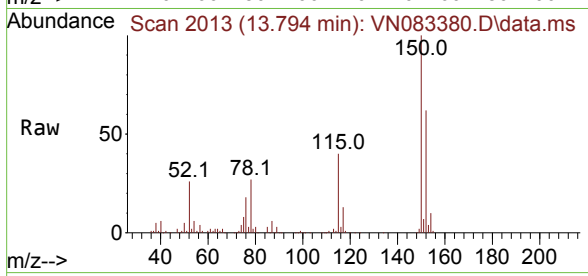




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN083380.D
 Acq: 19 Aug 2024 18:17

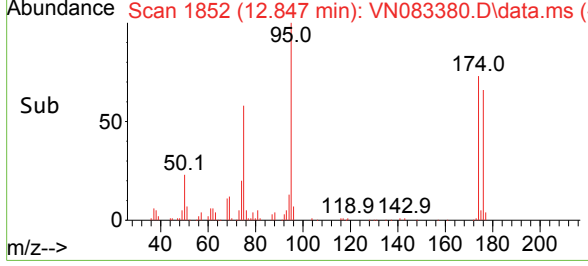
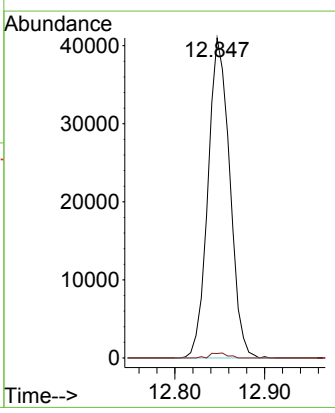
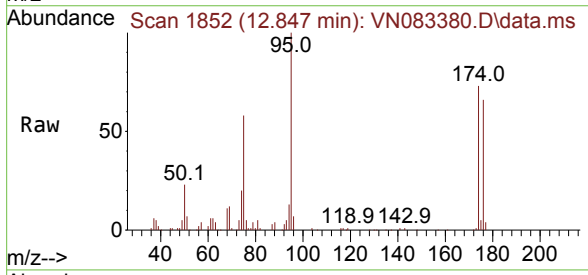
Instrument :
 MSVOA_N
 ClientSampleId :

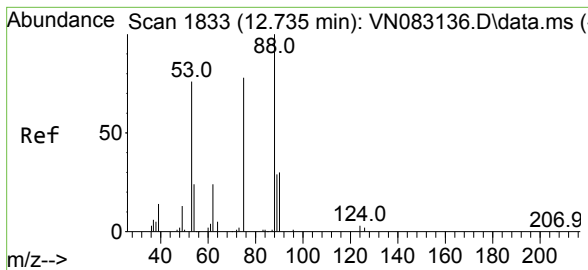
Tgt Ion:	152	Resp:	121097
Ion Ratio	Lower	Upper	
152	100		
115	64.7	30.6	91.6
150	159.6	0.0	348.6



#76
 1,2,3-Trichloropropane
 Concen: 25.931 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083380.D
 Acq: 19 Aug 2024 18:17

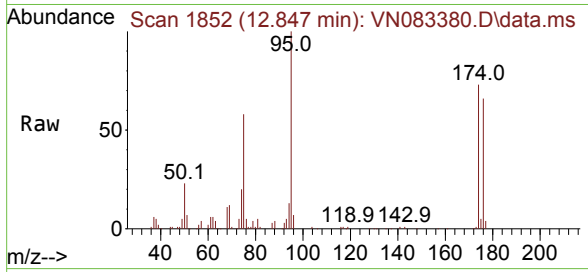
Tgt Ion:	75	Resp:	68920
Ion Ratio	Lower	Upper	
75	100		
77	1.3	110.9	332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 56.407 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083380.D
Acq: 19 Aug 2024 18:17

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	75	Resp:	68920
Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

