

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012624\
 Data File : VN080766.D
 Acq On : 26 Jan 2024 11:17
 Operator : JC\MD
 Sample : VN0126WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0126WBL01

Quant Time: Jan 29 02:28:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

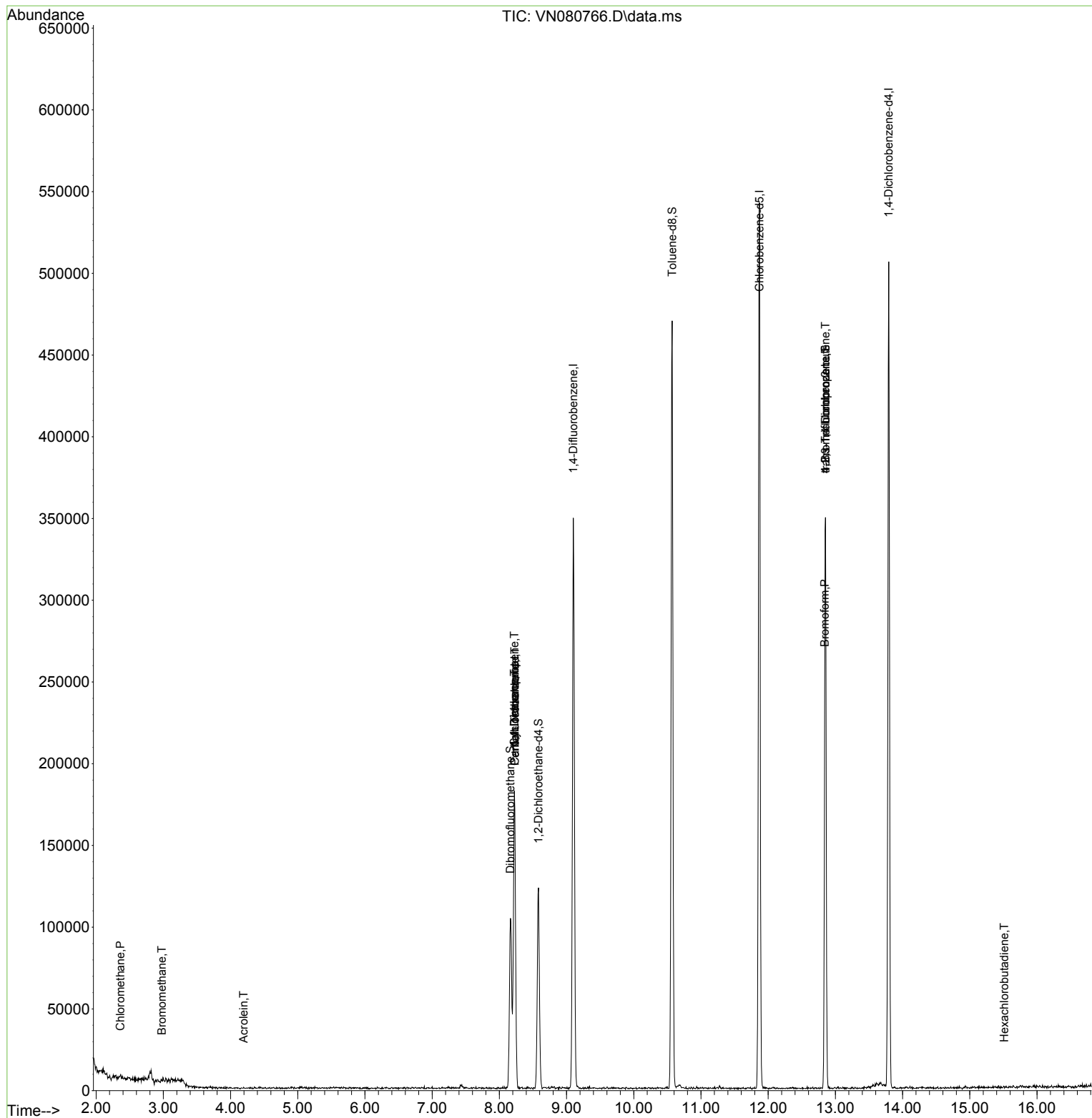
Internal Standards						
1) Pentafluorobenzene	8.230	168	117948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	277290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	284671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	94195	45.477	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.960%
35) Dibromofluoromethane	8.165	113	75934	48.197	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.400%
50) Toluene-d8	10.571	98	309748	51.561	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.120%
62) 4-Bromofluorobenzene	12.853	95	118884	51.605	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.220%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	2586	0.550	ug/l	95
5) Bromomethane	2.977	94	334	0.505	ug/l #	4
6) Chloroethane	3.095	64	193	Below Cal	#	43
13) Acrolein	4.195	56	245	0.837	ug/l #	54
31) Cyclohexane	8.224	56	3882	1.213	ug/l #	41
36) 1,1-Dichloropropene	8.224	75	13387	4.148	ug/l #	43
38) Carbon Tetrachloride	8.230	117	13881	4.790	ug/l #	16
71) Bromoform	12.841	173	337	0.222	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	70177	19.960	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	70177	47.053	ug/l #	15
94) Hexachlorobutadiene	15.512	225	229	0.236	ug/l #	36

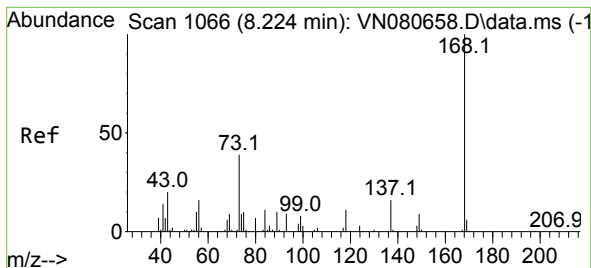
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012624\
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Quant Time: Jan 29 02:28:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080766.D

Acq: 26 Jan 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

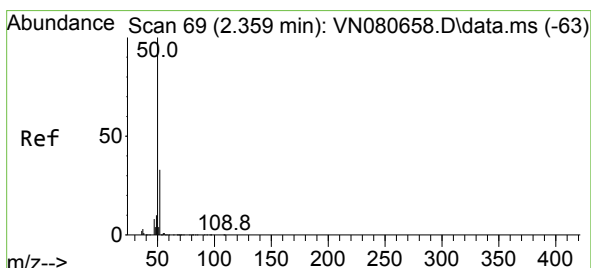
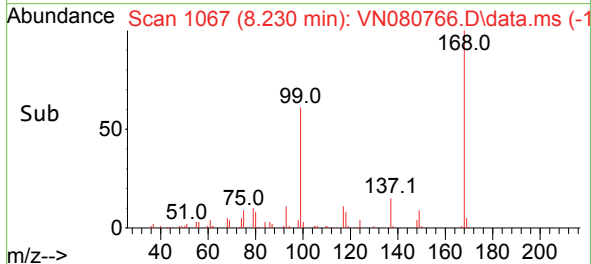
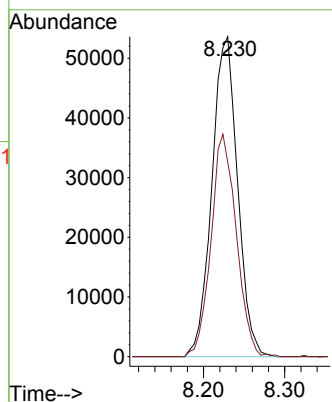
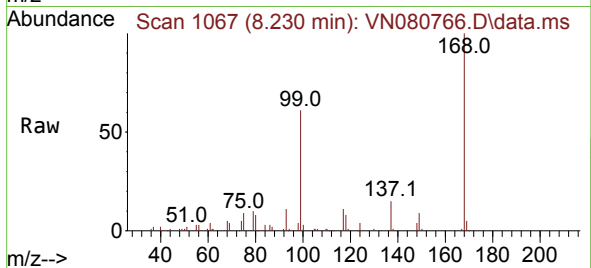
VN0126WBL01

Tgt Ion:168 Resp: 117948

Ion Ratio Lower Upper

168 100

99 60.9 53.0 79.6



#3

Chloromethane

Concen: 0.550 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN080766.D

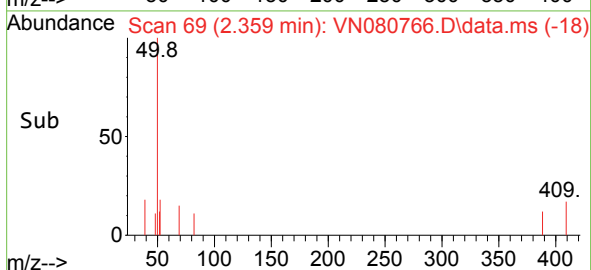
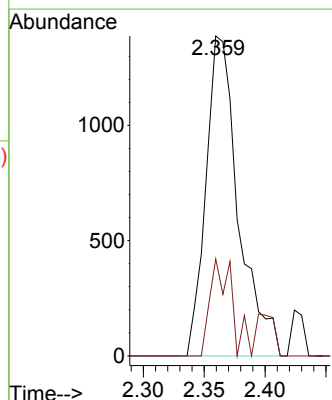
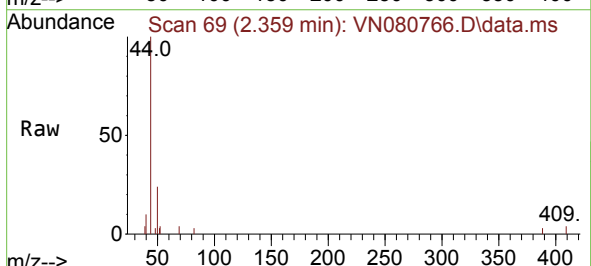
Acq: 26 Jan 2024 11:17

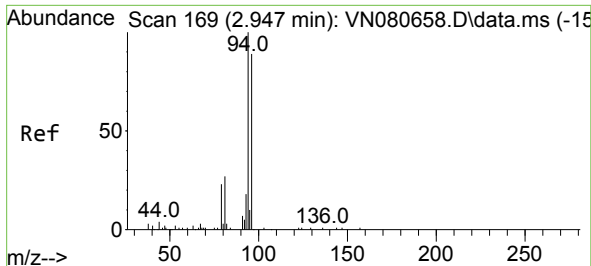
Tgt Ion: 50 Resp: 2586

Ion Ratio Lower Upper

50 100

52 30.3 26.5 39.7





#5

Bromomethane

Concen: 0.505 ug/l

RT: 2.977 min Scan# 11

Delta R.T. 0.030 min

Lab File: VN080766.D

Acq: 26 Jan 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

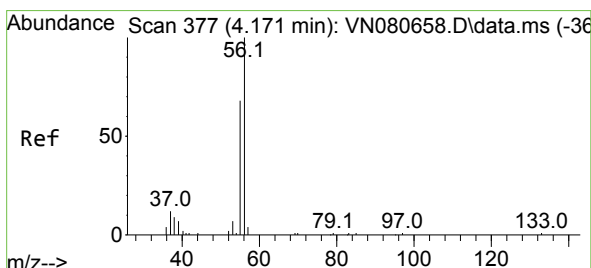
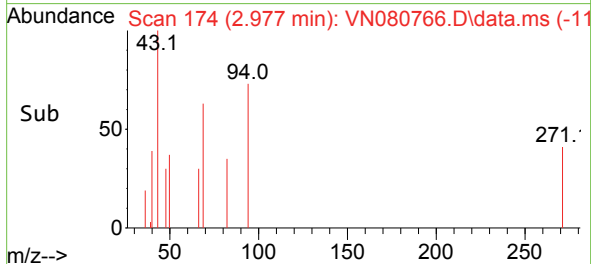
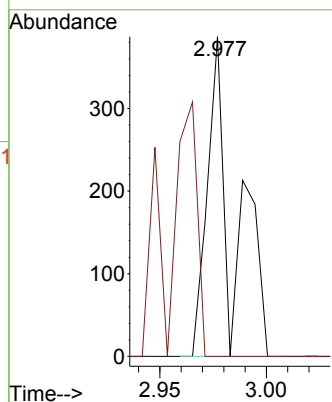
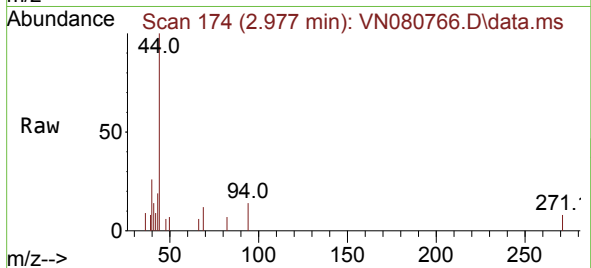
VN0126WBL01

Tgt Ion: 94 Resp: 334

Ion Ratio Lower Upper

94 100

96 0.0 73.1 109.7#



#13

Acrolein

Concen: 0.837 ug/l

RT: 4.195 min Scan# 381

Delta R.T. 0.024 min

Lab File: VN080766.D

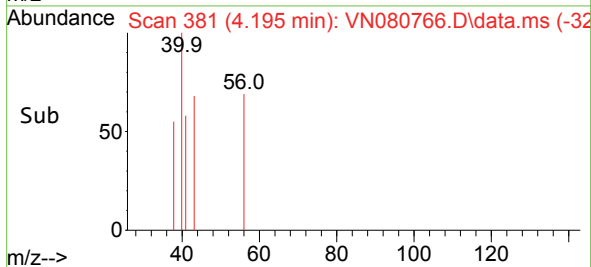
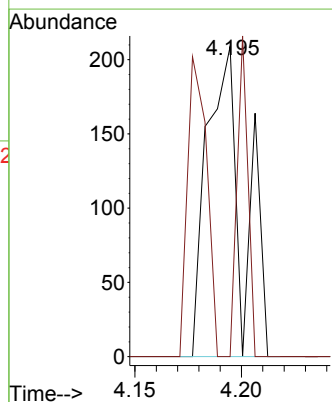
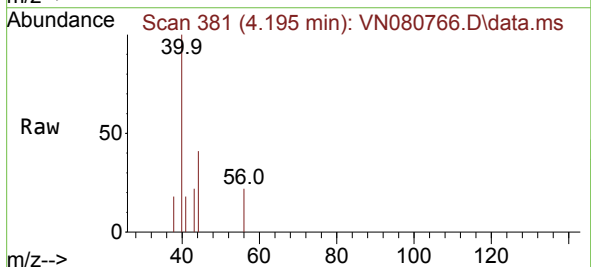
Acq: 26 Jan 2024 11:17

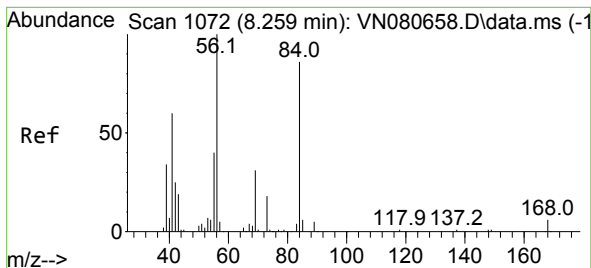
Tgt Ion: 56 Resp: 245

Ion Ratio Lower Upper

56 100

55 31.0 54.5 81.7#





#31

Cyclohexane

Concen: 1.213 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN080766.D

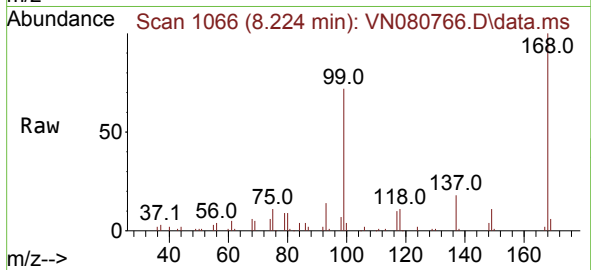
Acq: 26 Jan 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN0126WBL01



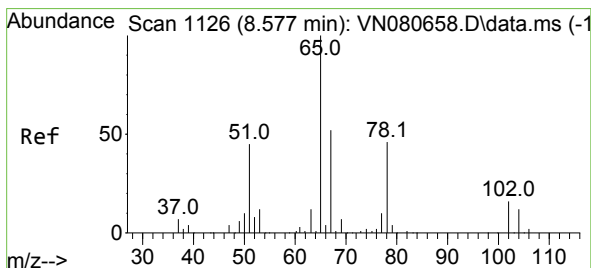
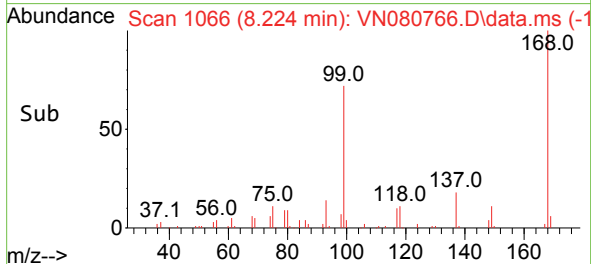
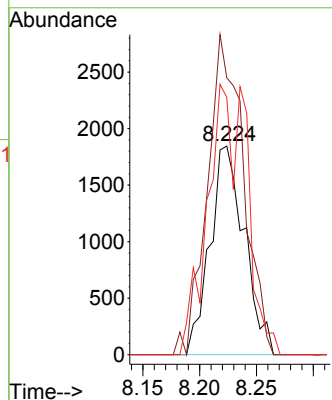
Tgt Ion: 56 Resp: 3882

Ion Ratio Lower Upper

56 100

69 132.7 26.8 40.2#

84 123.4 81.8 122.6#



#33

1,2-Dichloroethane-d4

Concen: 45.477 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080766.D

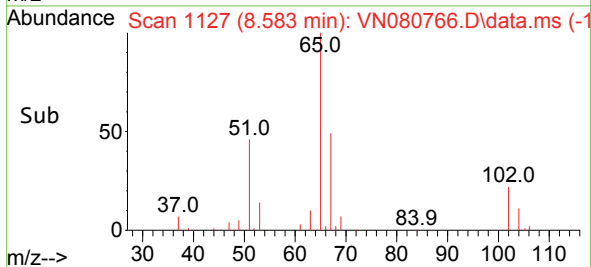
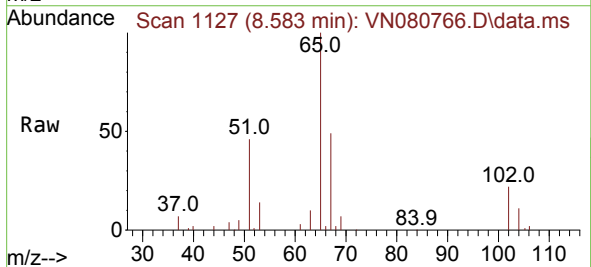
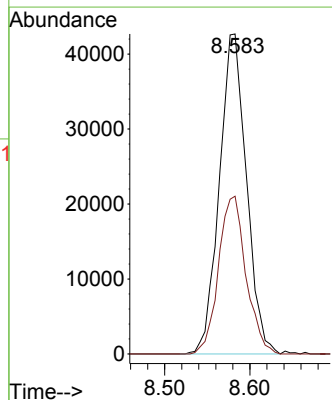
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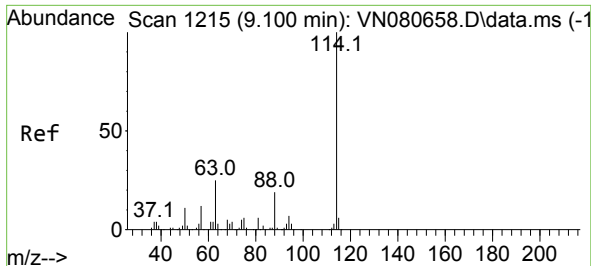
Tgt Ion: 65 Resp: 94195

Ion Ratio Lower Upper

65 100

67 50.1 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080766.D

Acq: 26 Jan 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN0126WBL01

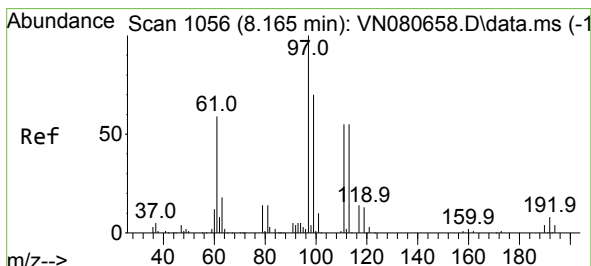
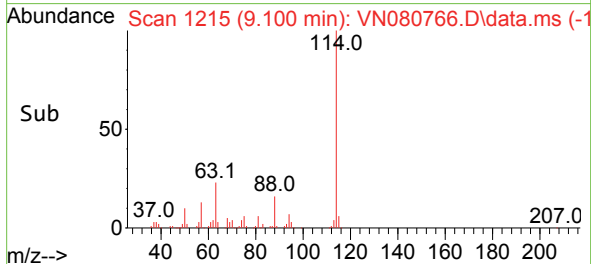
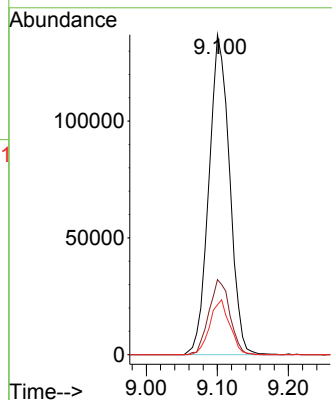
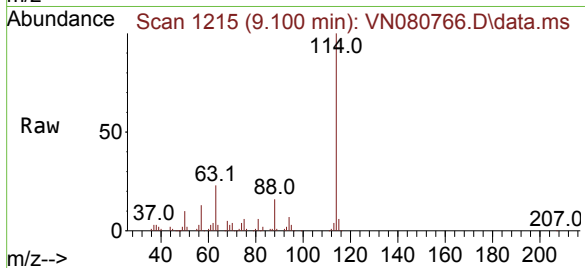
Tgt Ion:114 Resp: 277290

Ion Ratio Lower Upper

114 100

63 23.4 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.197 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080766.D

Acq: 26 Jan 2024 11:17

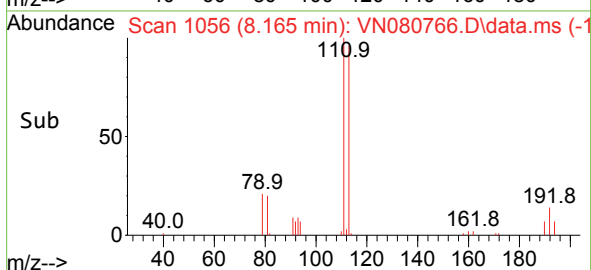
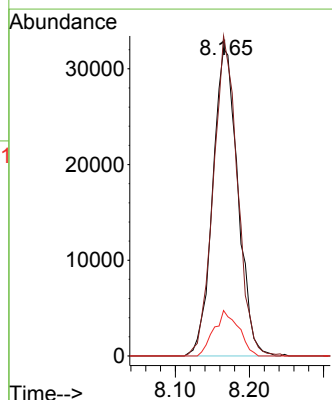
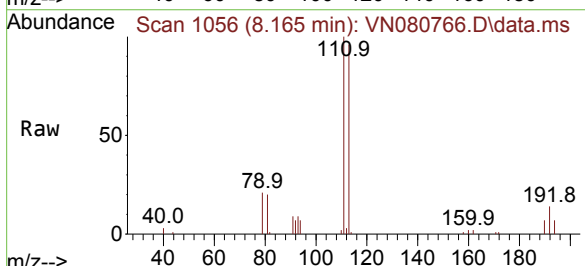
Tgt Ion:113 Resp: 75934

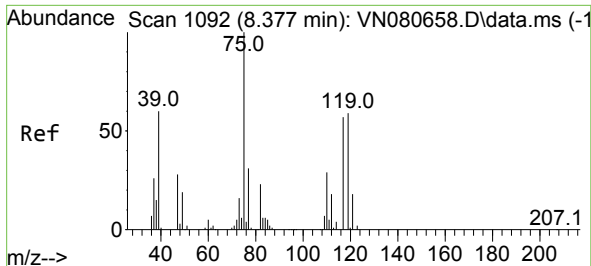
Ion Ratio Lower Upper

113 100

111 99.4 82.6 123.8

192 14.5 12.7 19.1

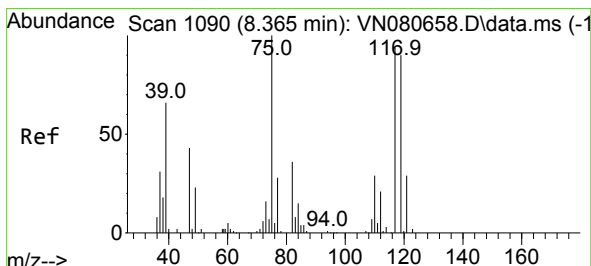
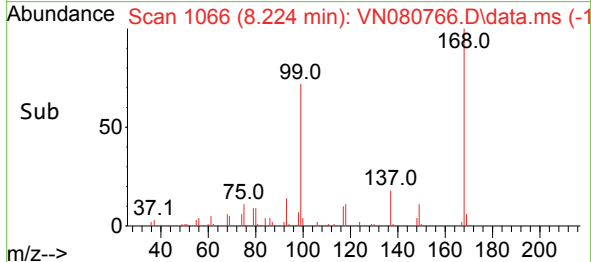
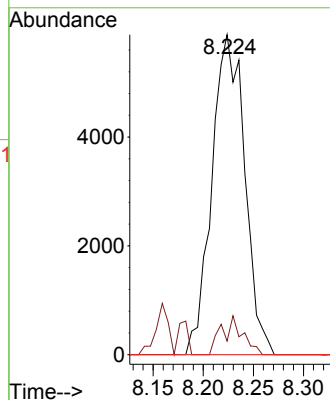
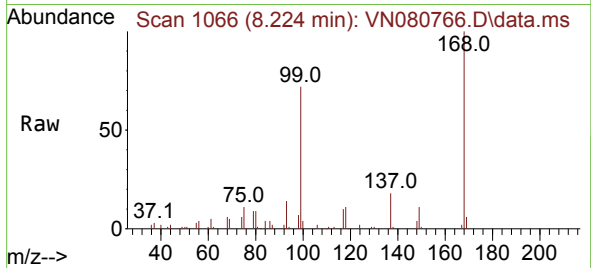




#36
1,1-Dichloropropene
Concen: 4.148 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080766.D
Acq: 26 Jan 2024 11:17

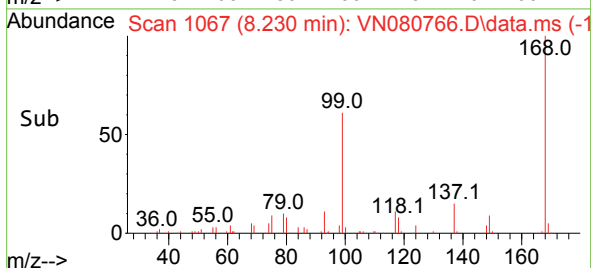
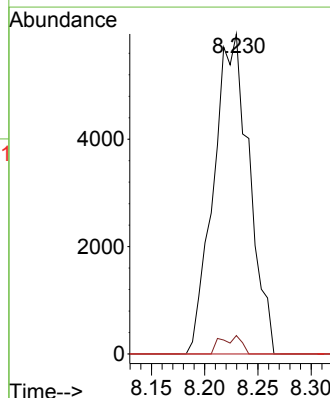
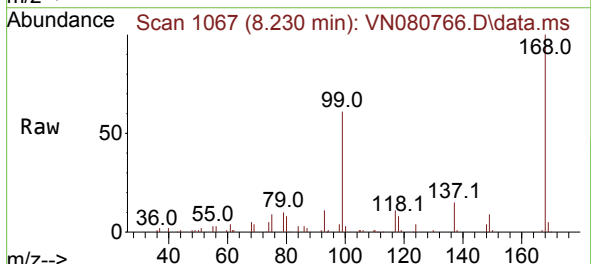
Instrument :
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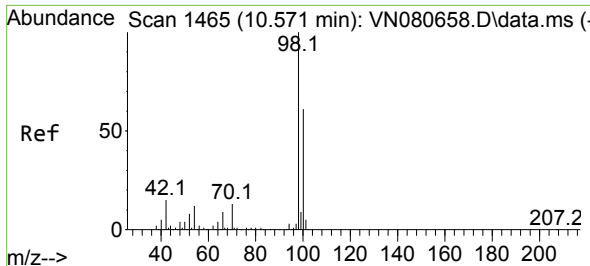
Tgt Ion: 75 Resp: 13387
Ion Ratio Lower Upper
75 100
110 3.1 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 4.790 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN080766.D
Acq: 26 Jan 2024 11:17

Tgt Ion: 117 Resp: 13881
Ion Ratio Lower Upper
117 100
119 5.8 77.3 115.9#
121 0.0 23.3 34.9#

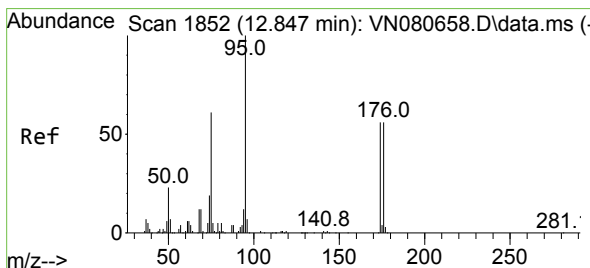
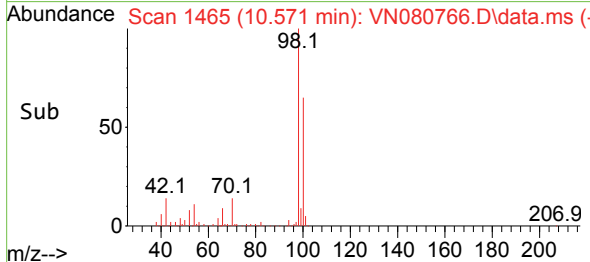
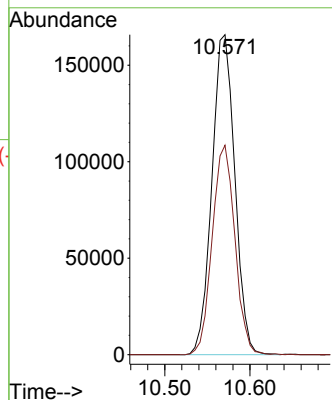
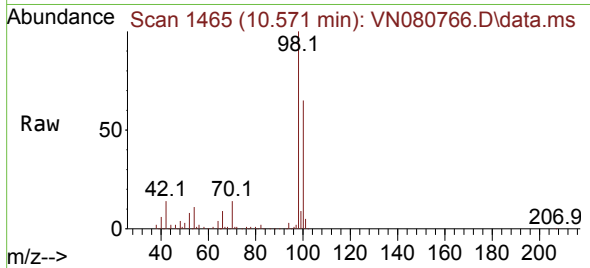




#50
Toluene-d8
Concen: 51.561 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080766.D
Acq: 26 Jan 2024 11:17

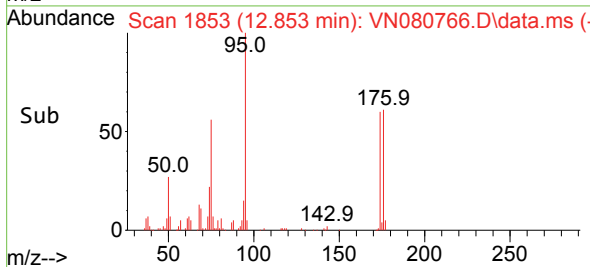
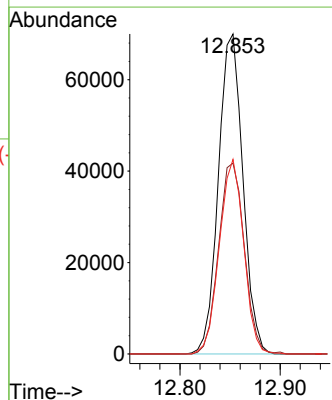
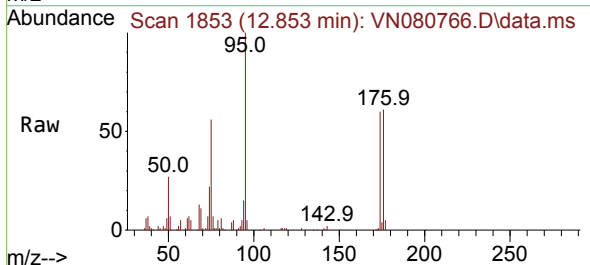
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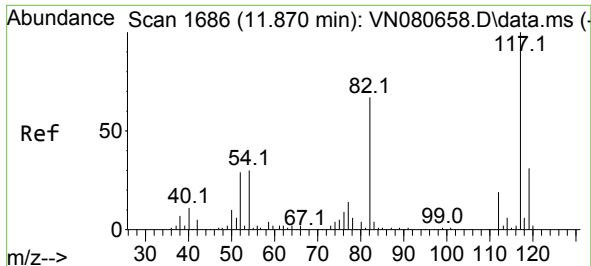
Tgt Ion: 98 Resp: 309748
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.605 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080766.D
Acq: 26 Jan 2024 11:17

Tgt Ion: 95 Resp: 118884
Ion Ratio Lower Upper
95 100
174 62.6 0.0 143.8
176 60.4 0.0 135.8

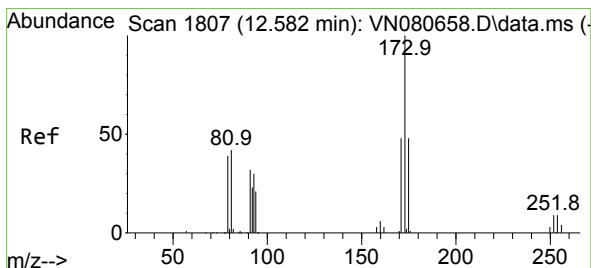
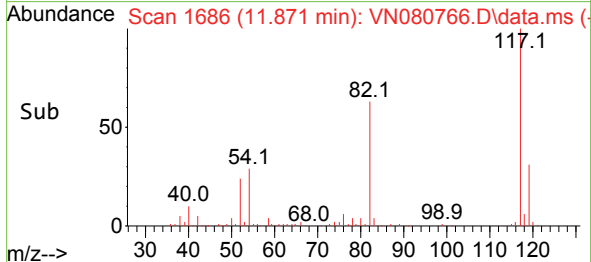
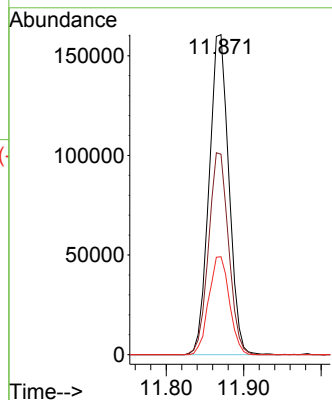
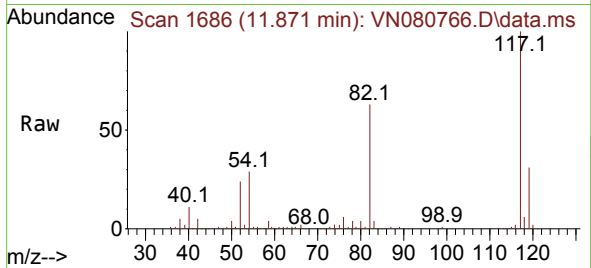




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080766.D
Acq: 26 Jan 2024 11:17

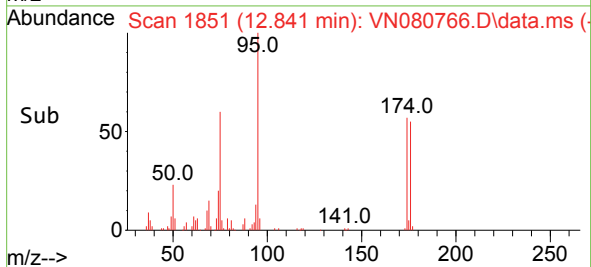
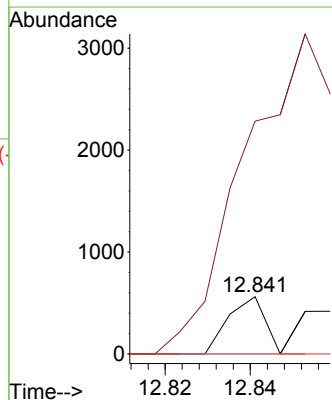
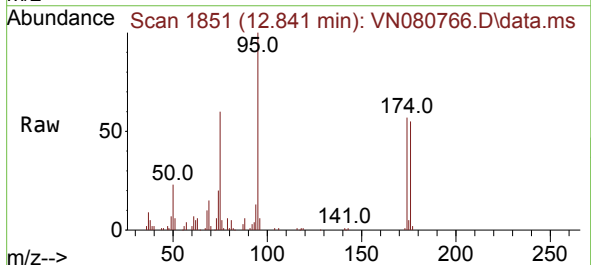
Instrument :
MSVOA_N
ClientSampleId :
VN0126WBL01

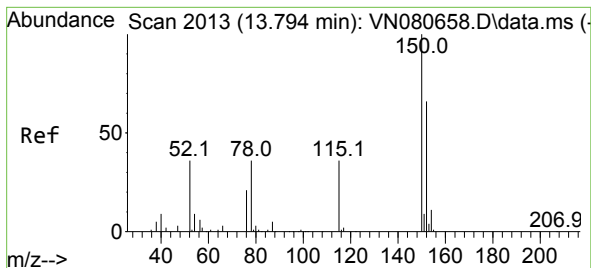
Tgt Ion:117 Resp: 284671
Ion Ratio Lower Upper
117 100
82 62.6 44.0 66.0
119 30.6 25.6 38.4



#71
Bromoform
Concen: 0.222 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.259 min
Lab File: VN080766.D
Acq: 26 Jan 2024 11:17

Tgt Ion:173 Resp: 337
Ion Ratio Lower Upper
173 100
175 1328.8 24.3 73.0#
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: VN080766.D

Acq: 26 Jan 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN0126WBL01

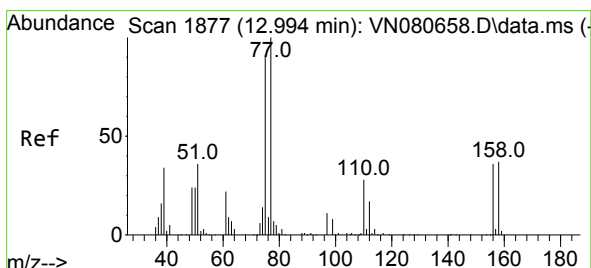
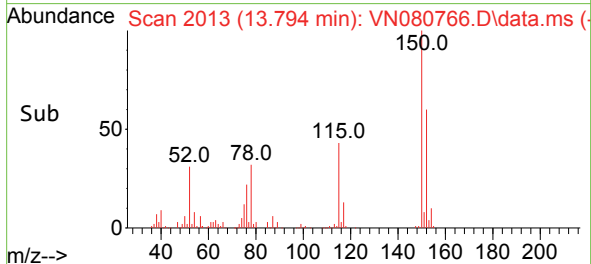
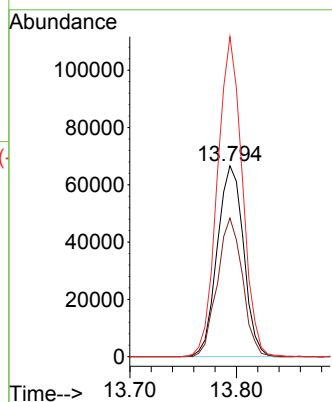
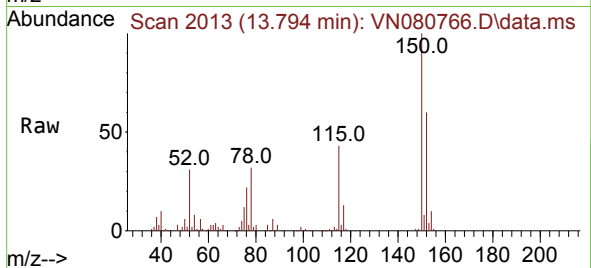
Tgt Ion:152 Resp: 114021

Ion Ratio Lower Upper

152 100

115 69.8 32.3 96.8

150 159.2 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 19.960 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080766.D

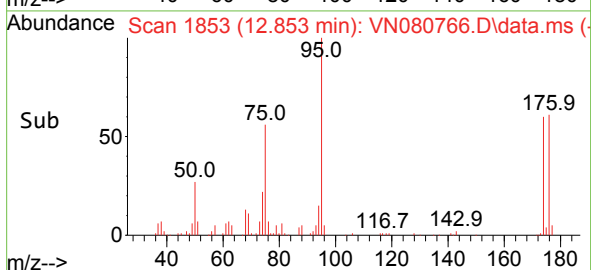
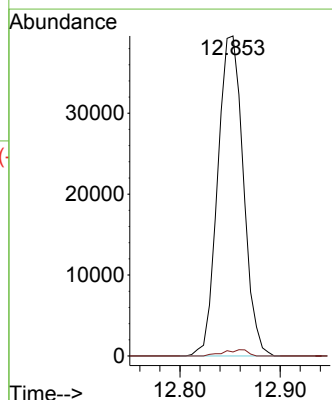
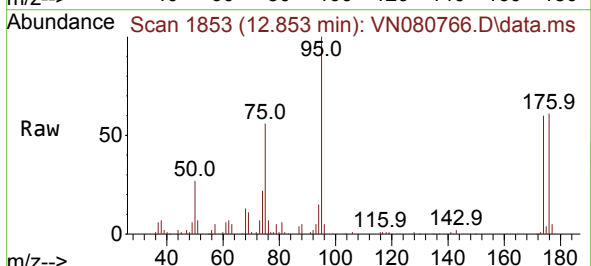
Acq: 26 Jan 2024 11:17

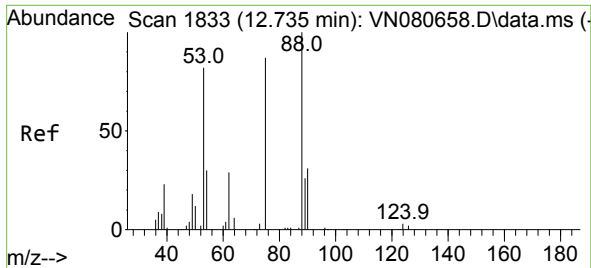
Tgt Ion: 75 Resp: 70177

Ion Ratio Lower Upper

75 100

77 1.8 84.5 253.5#

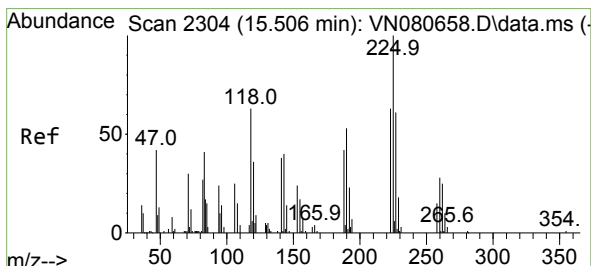
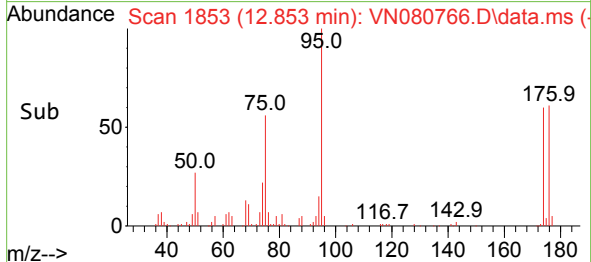
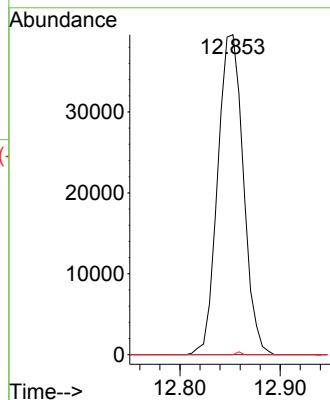
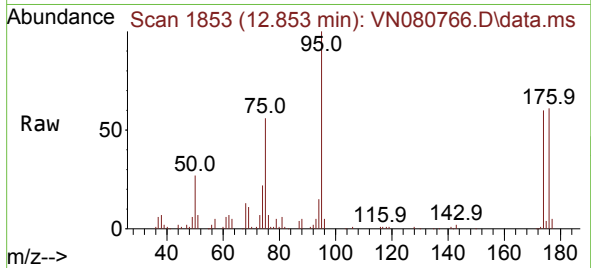




#81
trans-1,4-Dichloro-2-butene
Concen: 47.053 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080766.D
Acq: 26 Jan 2024 11:17

Instrument :
MSVOA_N
ClientSampleId :
VN0126WBL01

Tgt Ion: 75 Resp: 70177
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.2 38.8 58.2#



#94
Hexachlorobutadiene
Concen: 0.236 ug/l
RT: 15.512 min Scan# 2305
Delta R.T. 0.006 min
Lab File: VN080766.D
Acq: 26 Jan 2024 11:17

Tgt Ion: 225 Resp: 229
Ion Ratio Lower Upper
225 100
223 27.5 31.3 93.8#
227 0.0 31.9 95.9#

