

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
 Data File : VN075851.D
 Acq On : 16 Dec 2022 16:38
 Operator : JC\MD
 Sample : N6076-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

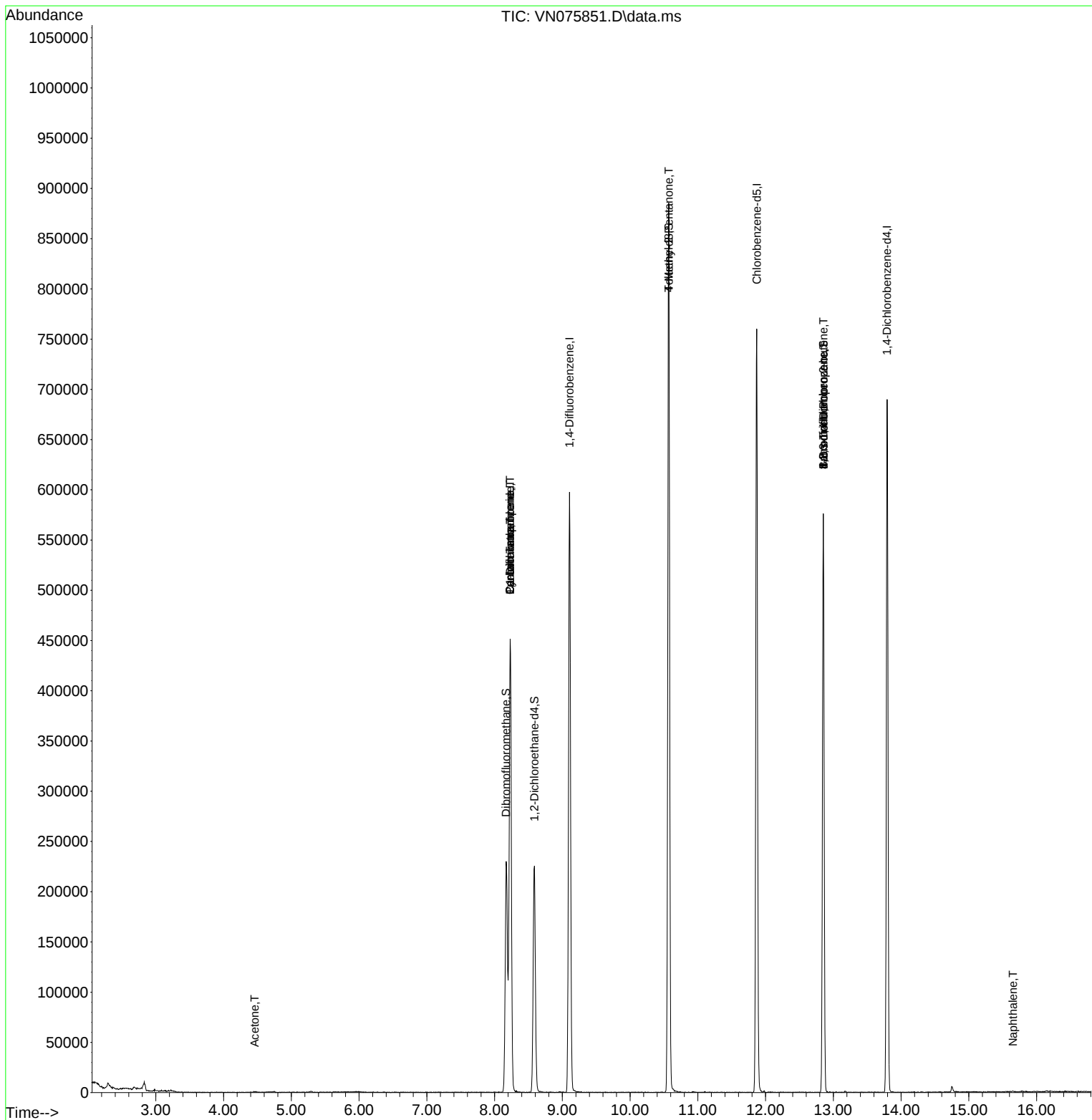
Quant Time: Dec 17 08:41:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

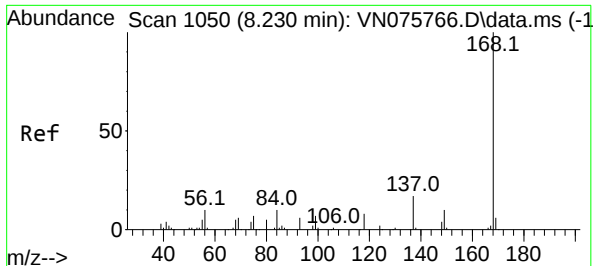
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	350804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	552749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	470861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	194929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	183630	48.116	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.240%
35) Dibromofluoromethane	8.171	113	163324	47.712	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.420%
50) Toluene-d8	10.570	98	634221	49.554	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.100%
62) 4-Bromofluorobenzene	12.853	95	192708	45.460	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.920%
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	772	0.587	ug/l #	39
20) Methylene Chloride	5.282	84	498	Below Cal	#	44
31) Cyclohexane	8.229	56	6663	1.219	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	25370	5.579	ug/l #	50
38) Carbon Tetrachloride	8.229	117	34211	6.722	ug/l #	16
51) 4-Methyl-2-Pentanone	10.570	43	2399	0.658	ug/l #	1
71) Bromoform	12.853	173	1647	0.632	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	100512	25.580	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	100512	92.076	ug/l #	12
95) Naphthalene	15.652	128	990	2.267	ug/l #	78

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

Quant Time: Dec 17 08:41:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

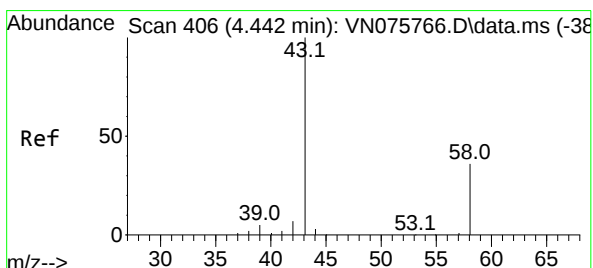
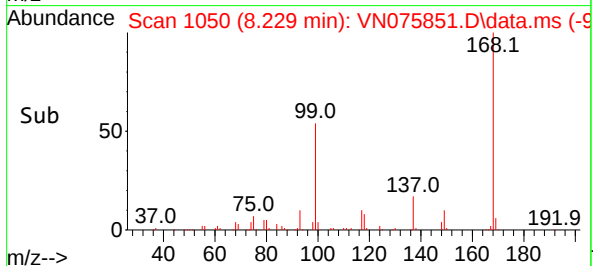
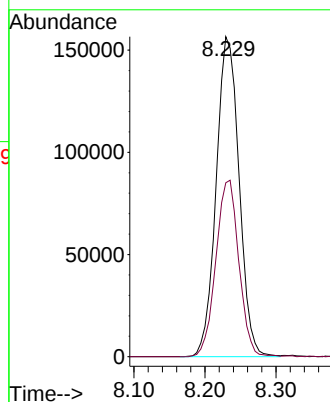
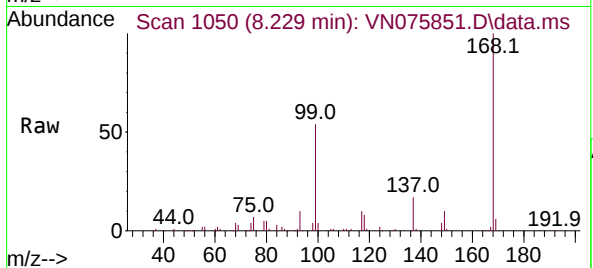




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075851.D
Acq: 16 Dec 2022 16:38

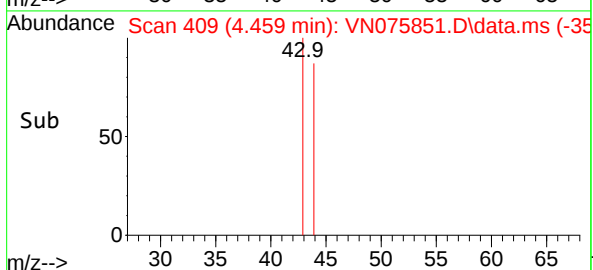
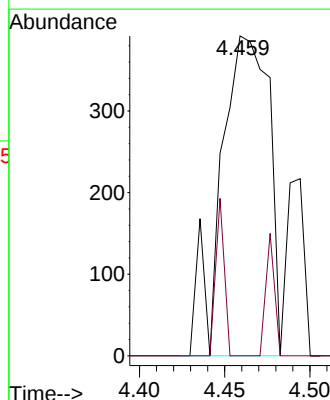
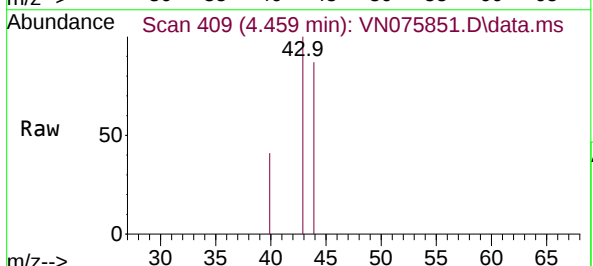
Instrument :
MSVOA_N
ClientSampleId :
MW-4

Tgt Ion:168 Resp: 350804
Ion Ratio Lower Upper
168 100
99 54.3 44.2 66.4



#16
Acetone
Concen: 0.587 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.017 min
Lab File: VN075851.D
Acq: 16 Dec 2022 16:38

Tgt Ion: 43 Resp: 772
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

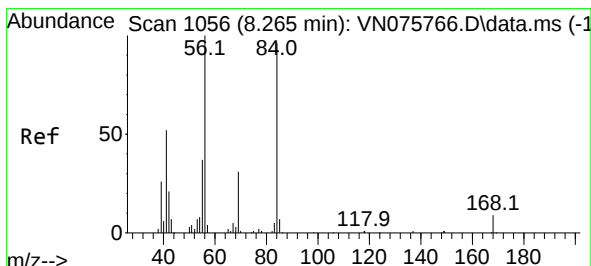
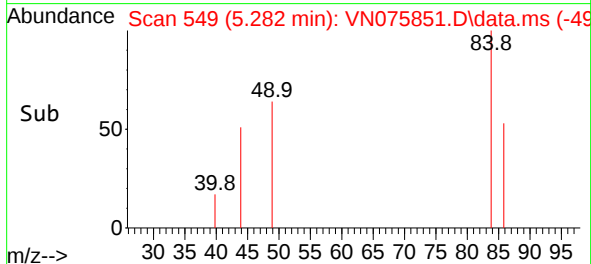
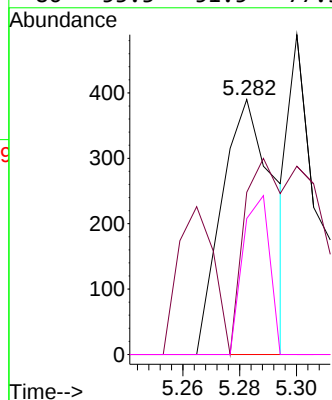
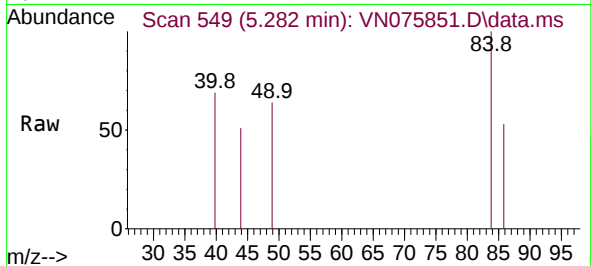




#20
Methylene Chloride
Concen: Below Cal
RT: 5.282 min Scan# 549
Delta R.T. -0.007 min
Lab File: VN075851.D
Acq: 16 Dec 2022 16:38

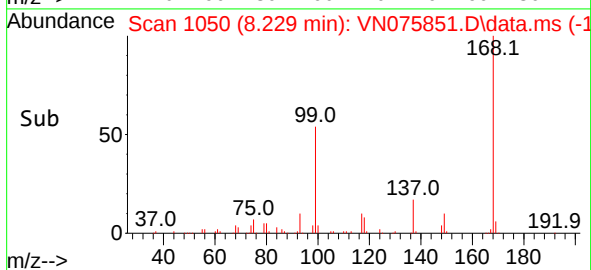
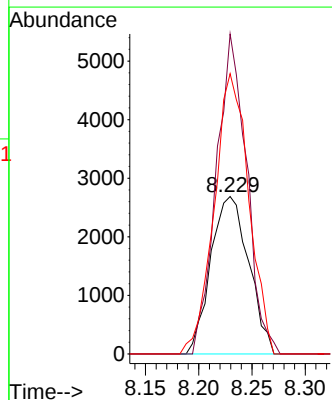
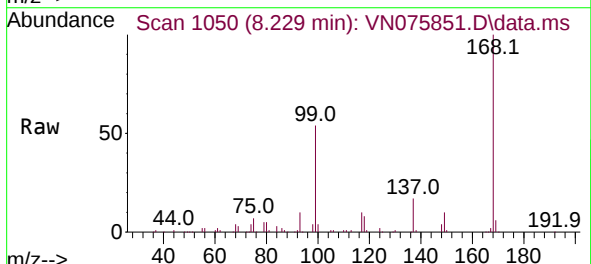
Instrument :
MSVOA_N
ClientSampleId :
MW-4

Tgt Ion:	84	Resp:	498
Ion	Ratio	Lower	Upper
84	100		
49	19.0	81.8	122.6#
51	0.0	26.7	40.1#
86	53.3	51.5	77.3



#31
Cyclohexane
Concen: 1.219 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.036 min
Lab File: VN075851.D
Acq: 16 Dec 2022 16:38

Tgt Ion:	56	Resp:	6663
Ion	Ratio	Lower	Upper
56	100		
69	203.2	24.7	37.1#
84	178.0	76.5	114.7#





#33

1,2-Dichloroethane-d4

Concen: 48.116 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075851.D

Acq: 16 Dec 2022 16:38

Instrument :

MSVOA_N

ClientSampleId :

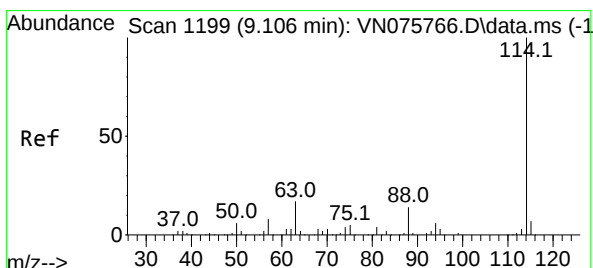
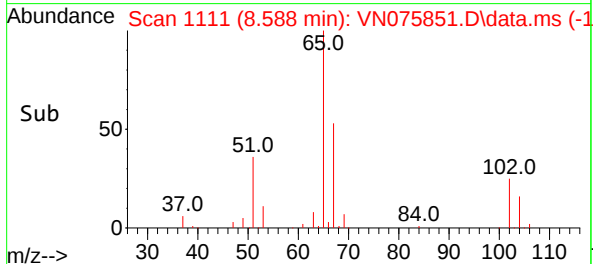
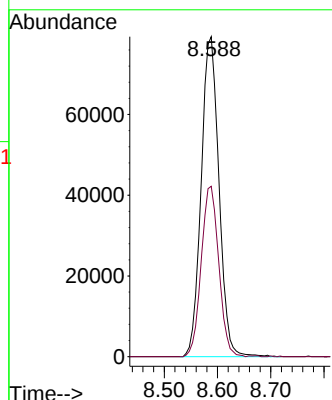
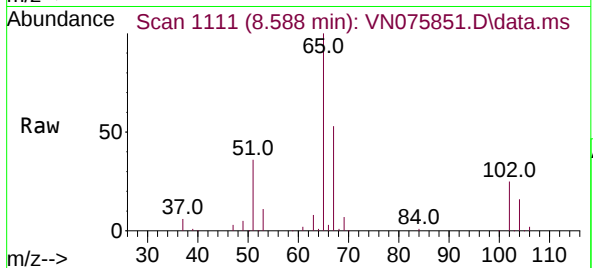
MW-4

Tgt Ion: 65 Resp: 183630

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075851.D

Acq: 16 Dec 2022 16:38

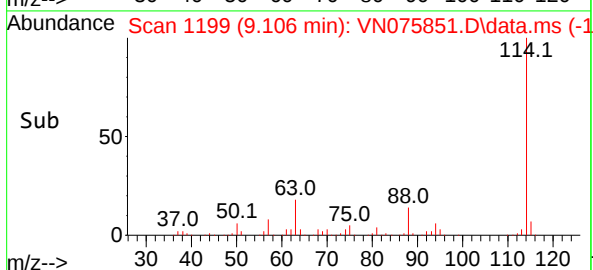
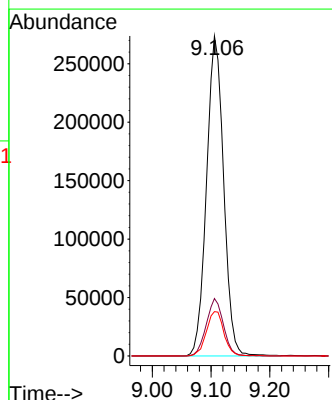
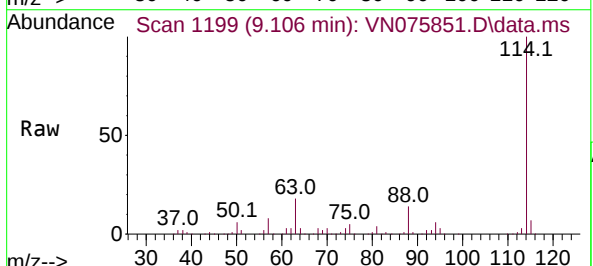
Tgt Ion: 114 Resp: 552749

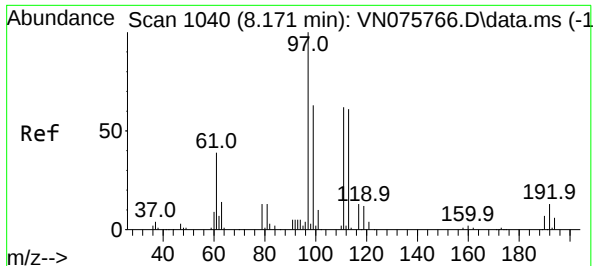
Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 13.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.712 ug/l

RT: 8.171 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075851.D

Acq: 16 Dec 2022 16:38

Instrument :

MSVOA_N

ClientSampleId :

MW-4

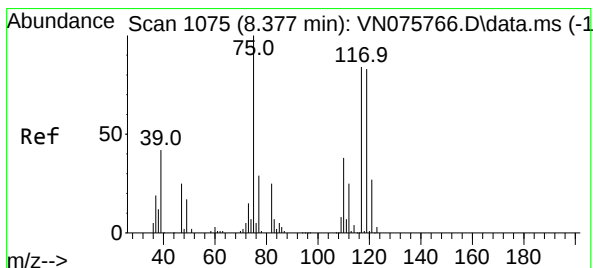
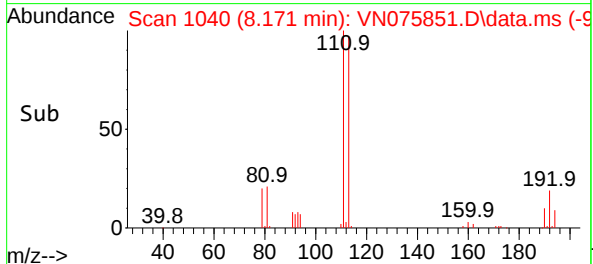
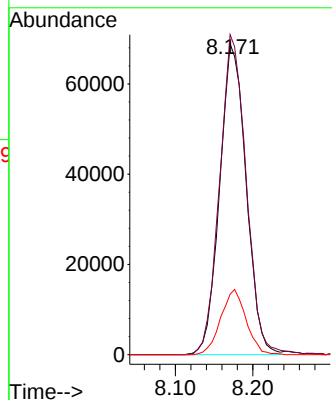
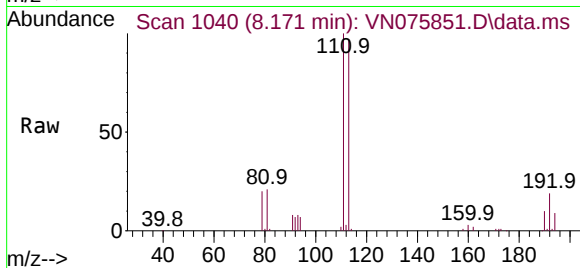
Tgt Ion:113 Resp: 163324

Ion Ratio Lower Upper

113 100

111 103.7 83.4 125.2

192 20.2 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.579 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075851.D

Acq: 16 Dec 2022 16:38

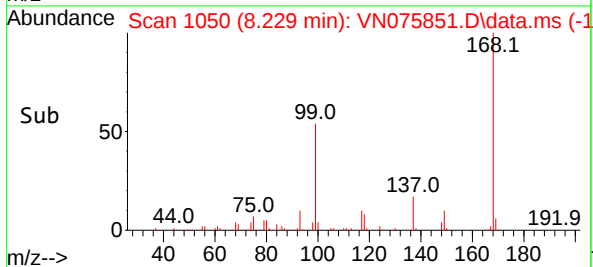
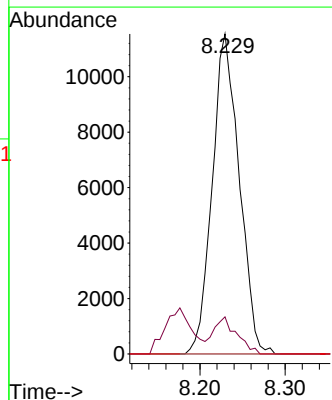
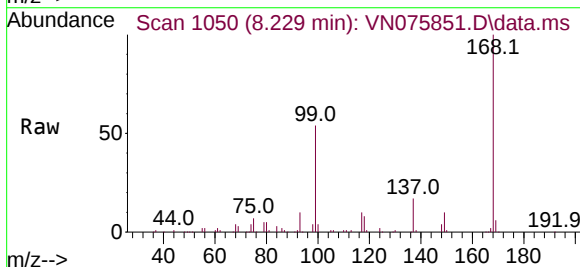
Tgt Ion: 75 Resp: 25370

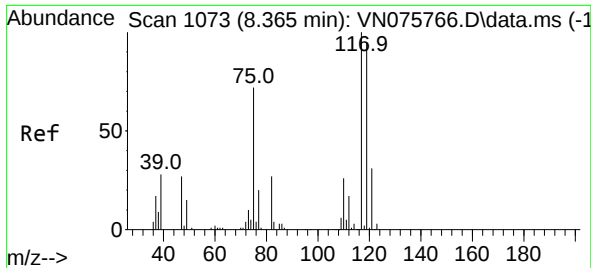
Ion Ratio Lower Upper

75 100

110 9.9 18.8 56.4#

77 0.0 24.1 36.1#

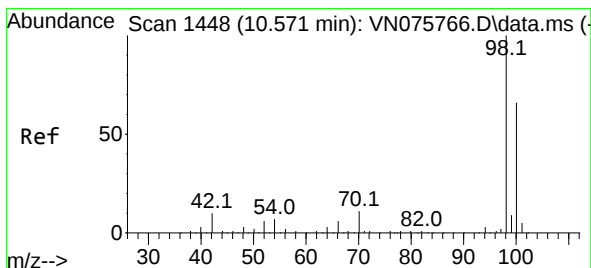
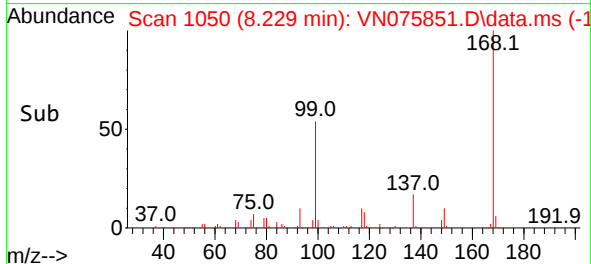
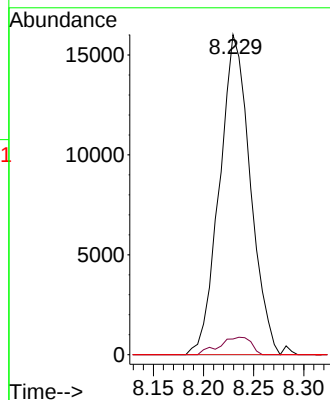
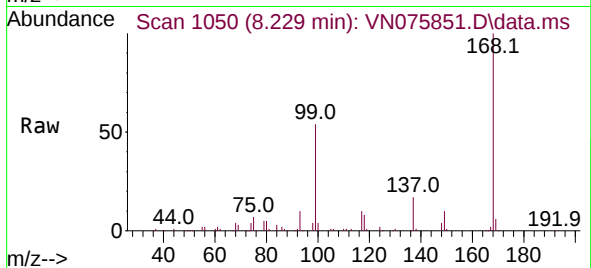




#38
Carbon Tetrachloride
Concen: 6.722 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.136 min
Lab File: VN075851.D
Acq: 16 Dec 2022 16:38

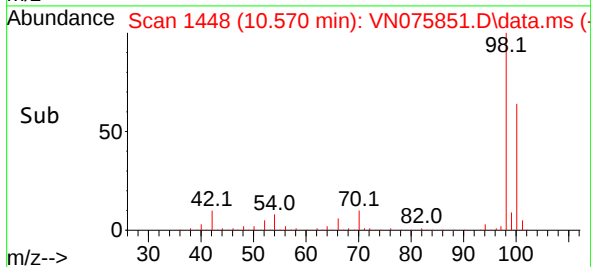
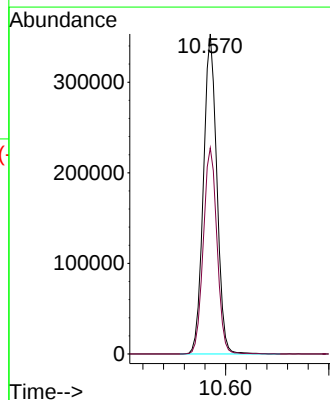
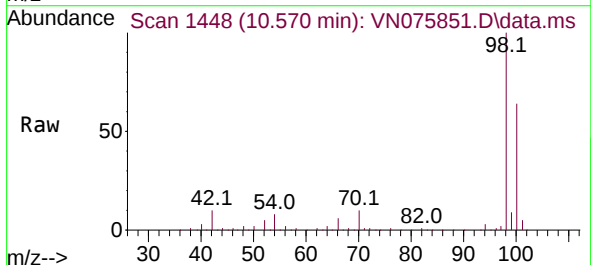
Instrument :
MSVOA_N
ClientSampleId :
MW-4

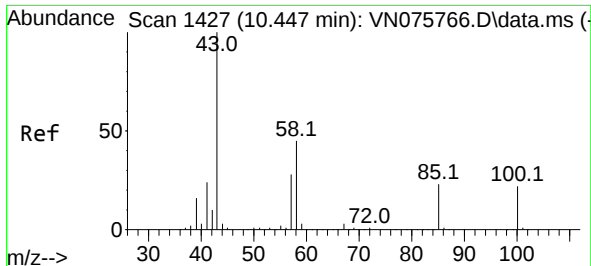
Tgt Ion:117 Resp: 34211
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.554 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075851.D
Acq: 16 Dec 2022 16:38

Tgt Ion: 98 Resp: 634221
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1

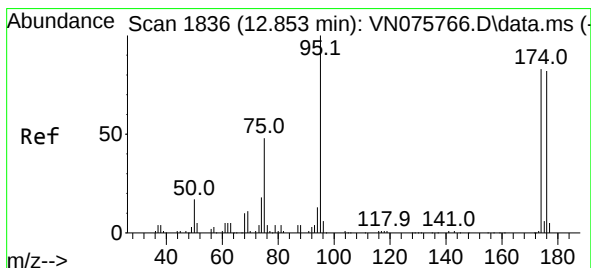
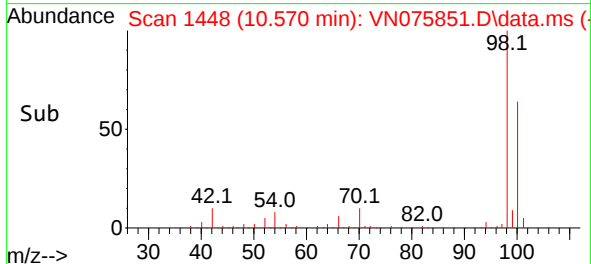
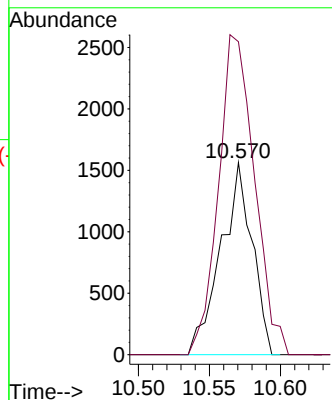
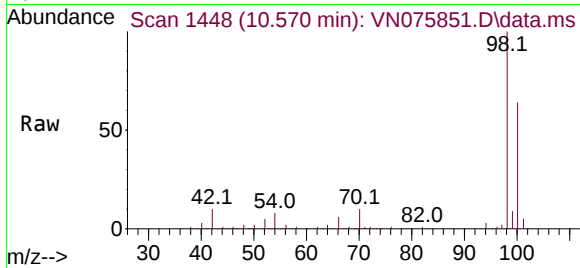




#51
4-Methyl-2-Pentanone
Concen: 0.658 ug/l
RT: 10.570 min Scan# 1427
Delta R.T. 0.123 min
Lab File: VN075851.D
Acq: 16 Dec 2022 16:38

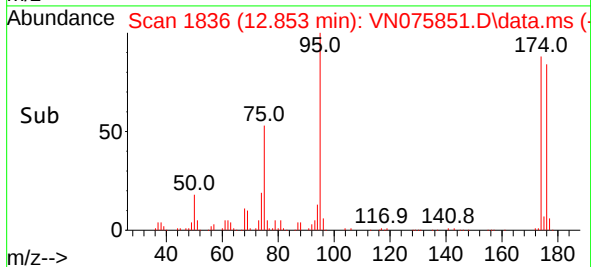
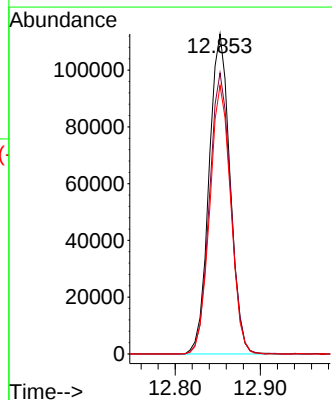
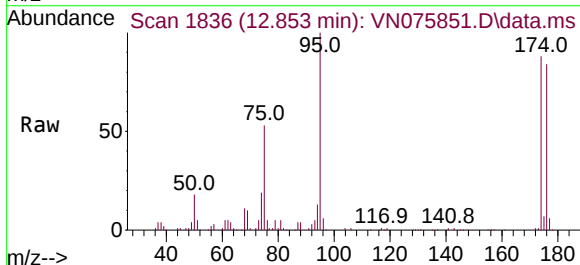
Instrument :
MSVOA_N
ClientSampleId :
MW-4

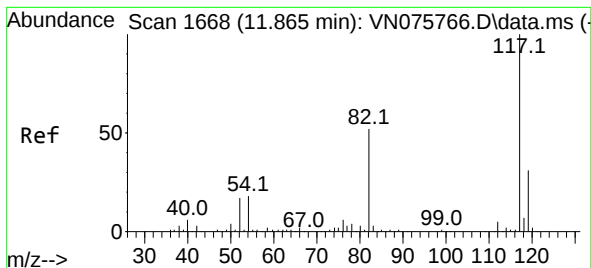
Tgt Ion: 43 Resp: 2399
Ion Ratio Lower Upper
43 100
58 191.6 35.5 53.3#



#62
4-Bromofluorobenzene
Concen: 45.460 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075851.D
Acq: 16 Dec 2022 16:38

Tgt Ion: 95 Resp: 192708
Ion Ratio Lower Upper
95 100
174 88.8 0.0 171.6
176 83.8 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075851.D

Acq: 16 Dec 2022 16:38

Instrument :

MSVOA_N

ClientSampleId :

MW-4

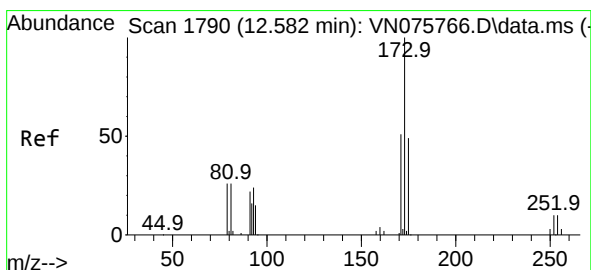
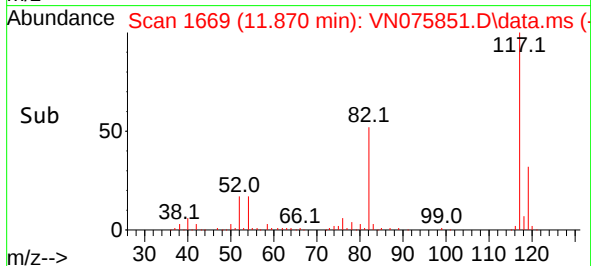
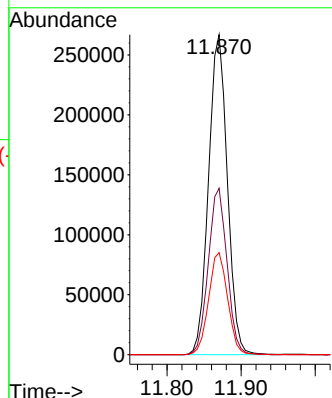
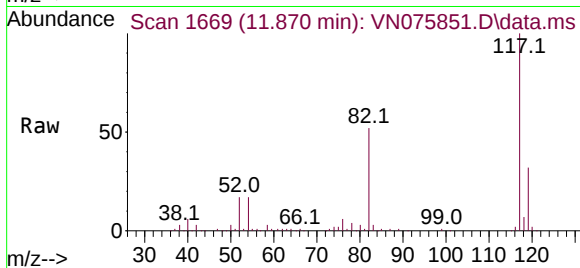
Tgt Ion:117 Resp: 470861

Ion Ratio Lower Upper

117 100

82 52.0 41.3 61.9

119 31.9 24.6 37.0



#71

Bromoform

Concen: 0.632 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.270 min

Lab File: VN075851.D

Acq: 16 Dec 2022 16:38

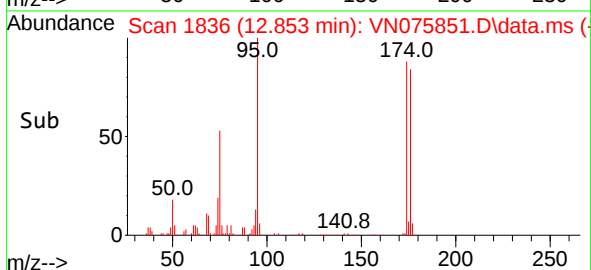
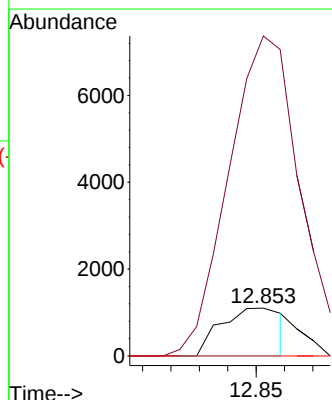
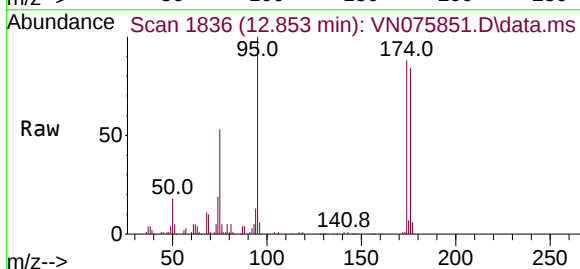
Tgt Ion:173 Resp: 1647

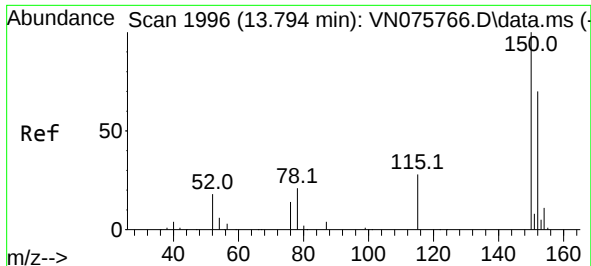
Ion Ratio Lower Upper

173 100

175 608.7 24.3 72.8#

254 0.0 0.0 0.0

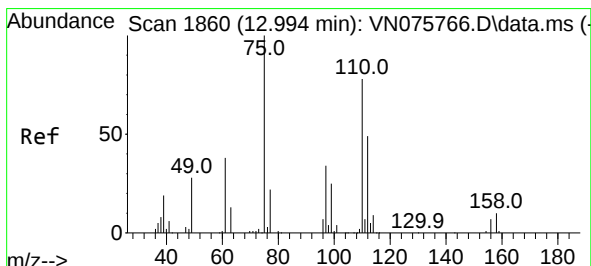
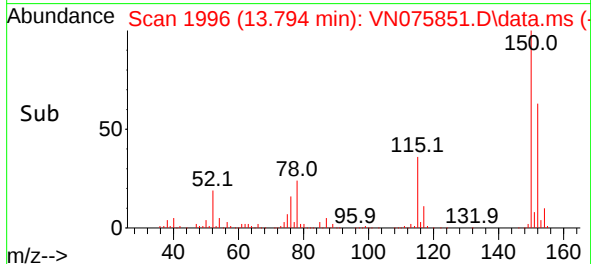
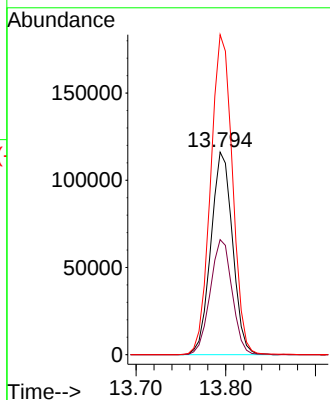
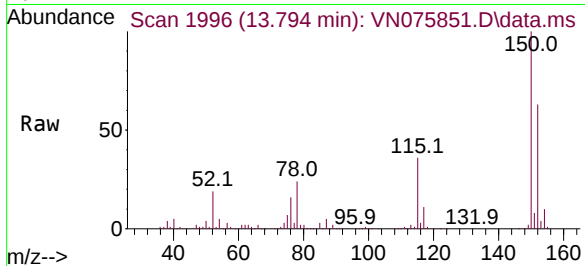




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075851.D
 Acq: 16 Dec 2022 16:38

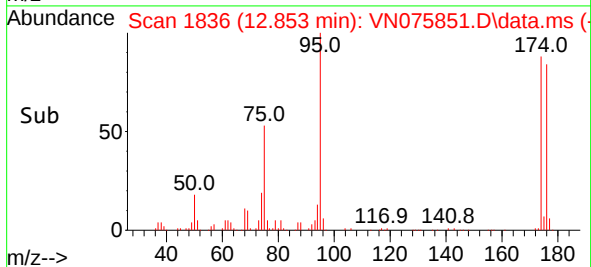
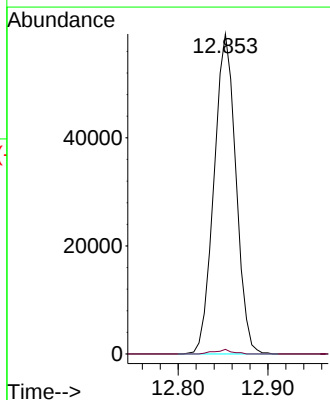
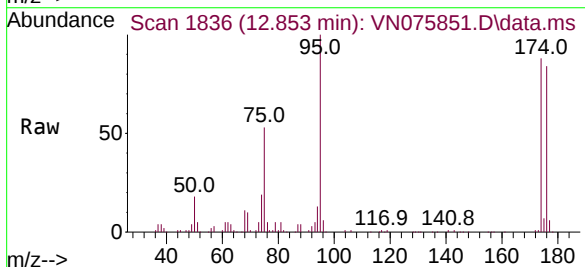
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

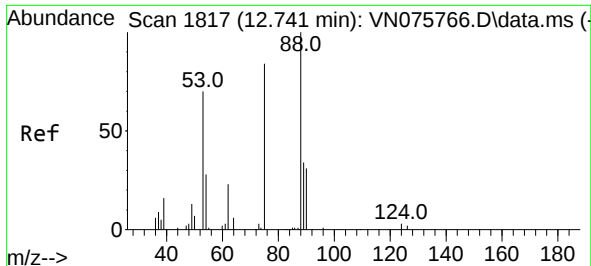
Tgt Ion:152 Resp: 194929
 Ion Ratio Lower Upper
 152 100
 115 57.4 29.1 87.4
 150 159.3 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 25.580 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075851.D
 Acq: 16 Dec 2022 16:38

Tgt Ion: 75 Resp: 100512
 Ion Ratio Lower Upper
 75 100
 77 1.1 82.6 247.8#

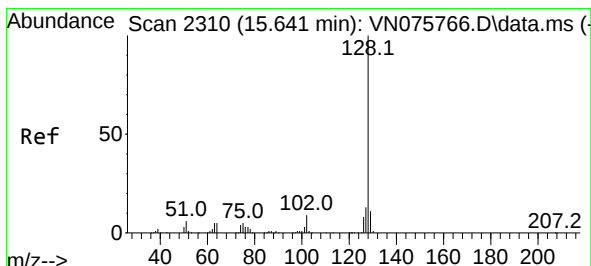
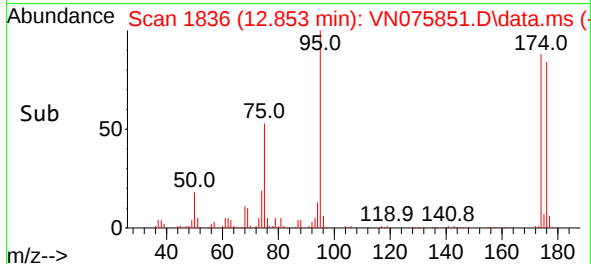
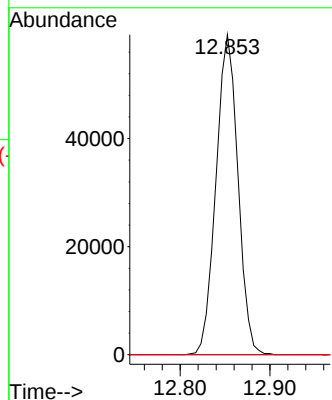
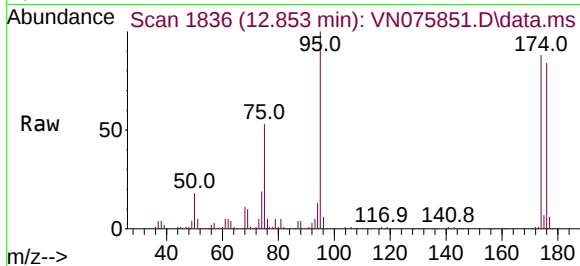




#81
trans-1,4-Dichloro-2-butene
Concen: 92.076 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.111 min
Lab File: VN075851.D
Acq: 16 Dec 2022 16:38

Instrument :
MSVOA_N
ClientSampleId :
MW-4

Tgt Ion: 75 Resp: 100512
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.267 ug/l
RT: 15.652 min Scan# 2312
Delta R.T. 0.011 min
Lab File: VN075851.D
Acq: 16 Dec 2022 16:38

Tgt Ion:128 Resp: 990
Ion Ratio Lower Upper
128 100
127 6.2 10.4 15.6#
129 0.0 8.7 13.1#

