

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
 Data File : VN075860.D
 Acq On : 16 Dec 2022 20:14
 Operator : JC\MD
 Sample : N6102-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Dec 17 08:44:40 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	8.235	168	373741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	584047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	510268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212711	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	192503	47.345	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.700%
35) Dibromofluoromethane	8.171	113	171712	47.475	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.940%
50) Toluene-d8	10.571	98	680273	50.304	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.600%
62) 4-Bromofluorobenzene	12.853	95	216129	48.253	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.500%

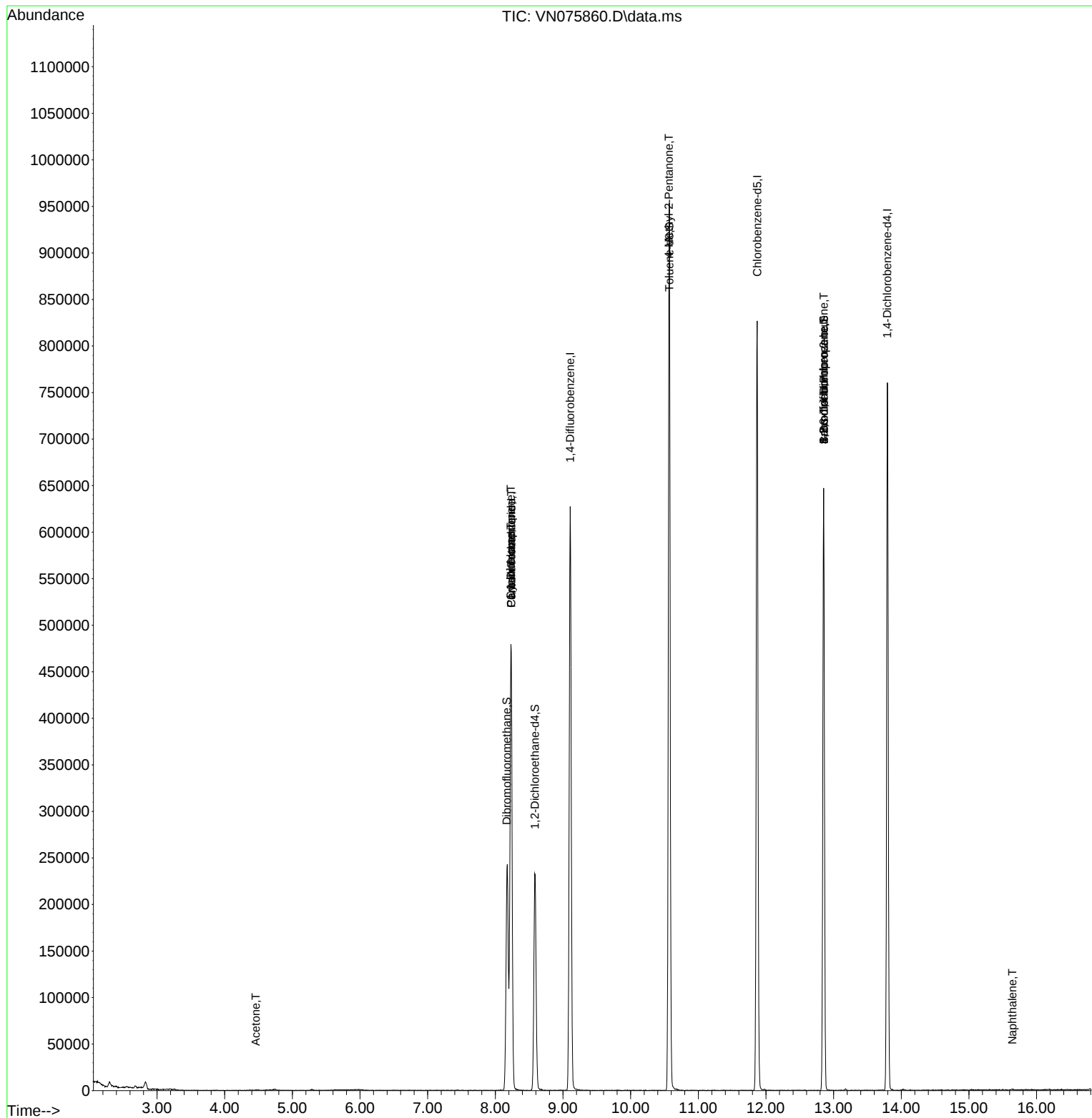
Target Compounds					Qvalue	
16) Acetone	4.459	43	566	0.404	ug/l #	39
20) Methylene Chloride	5.289	84	588	Below Cal	#	51
31) Cyclohexane	8.230	56	7046	1.210	ug/l #	23
36) 1,1-Dichloropropene	8.230	75	27825	5.791	ug/l #	48
38) Carbon Tetrachloride	8.235	117	36730	6.830	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	2738	0.711	ug/l #	1
71) Bromoform	12.853	173	1556	0.551	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	109078	25.440	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	109078	91.570	ug/l #	12
95) Naphthalene	15.641	128	1015	2.261	ug/l #	69

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

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ClientSampleId :
TRIP-BLANK

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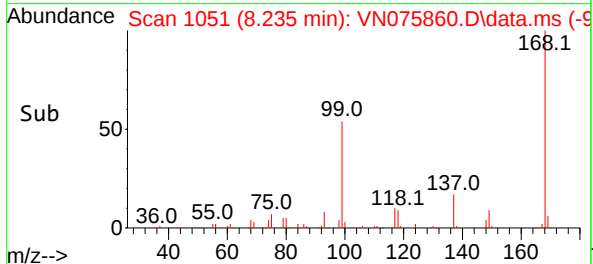
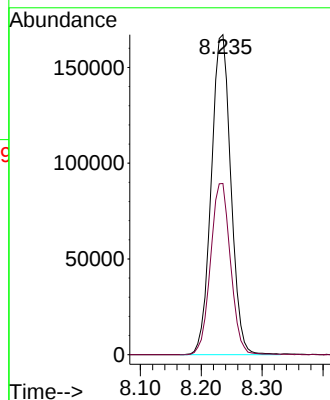
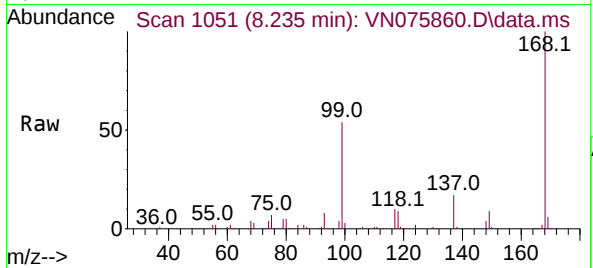




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN075860.D
Acq: 16 Dec 2022 20:14

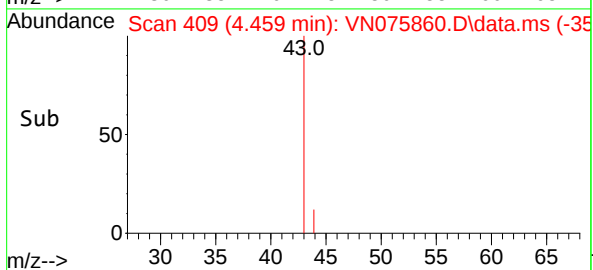
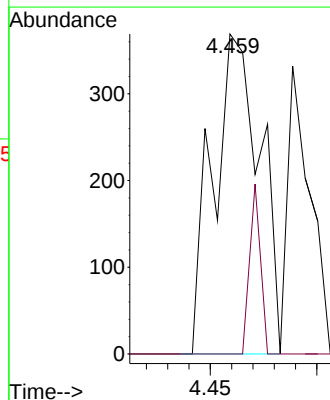
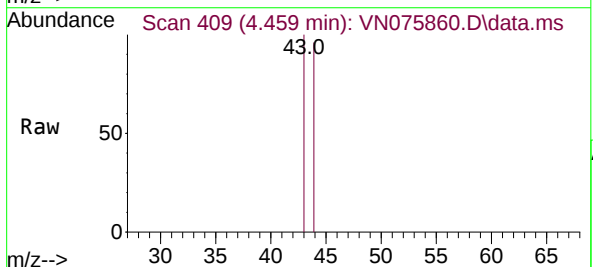
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion:168 Resp: 373741
Ion Ratio Lower Upper
168 100
99 53.5 44.2 66.4



#16
Acetone
Concen: 0.404 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.018 min
Lab File: VN075860.D
Acq: 16 Dec 2022 20:14

Tgt Ion: 43 Resp: 566
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

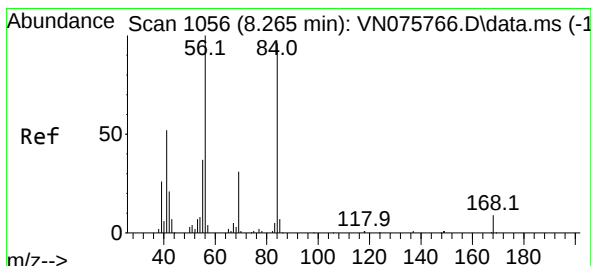
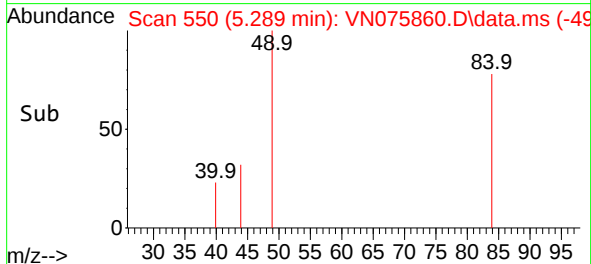
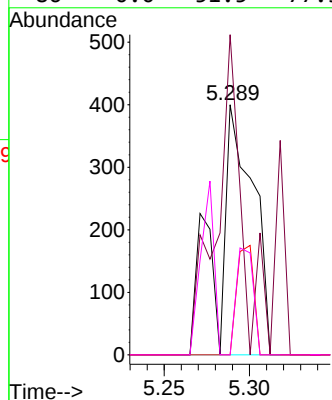
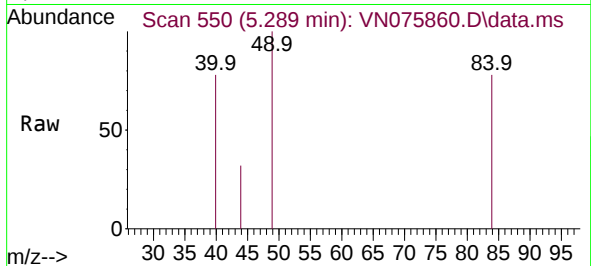




#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN075860.D
Acq: 16 Dec 2022 20:14

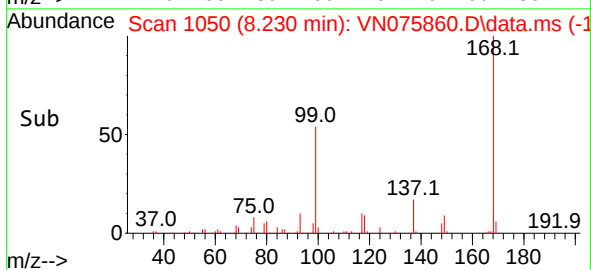
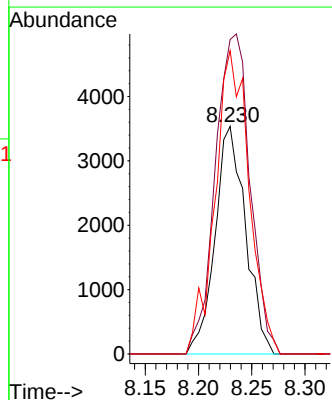
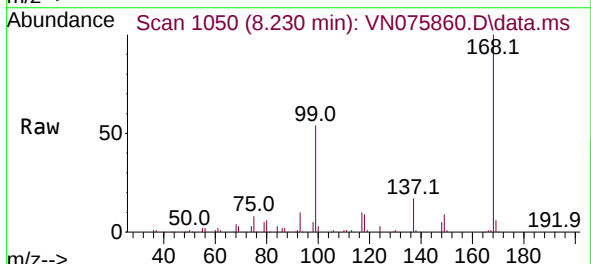
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MSVOA_N
ClientSampleId :
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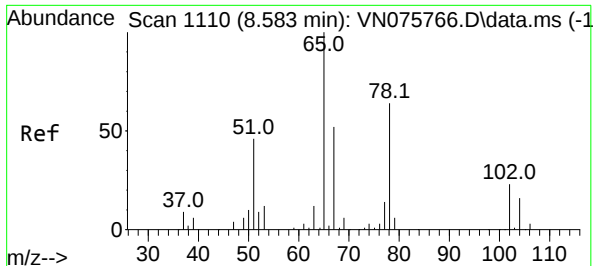
Tgt Ion:	84	Resp:	588
Ion	Ratio	Lower	Upper
84	100		
49	128.0	81.8	122.6#
51	0.0	26.7	40.1#
86	0.0	51.5	77.3#



#31
Cyclohexane
Concen: 1.210 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075860.D
Acq: 16 Dec 2022 20:14

Tgt Ion:	56	Resp:	7046
Ion	Ratio	Lower	Upper
56	100		
69	138.2	24.7	37.1#
84	133.3	76.5	114.7#





#33

1,2-Dichloroethane-d4

Concen: 47.345 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075860.D

Acq: 16 Dec 2022 20:14

Instrument :

MSVOA_N

ClientSampleId :

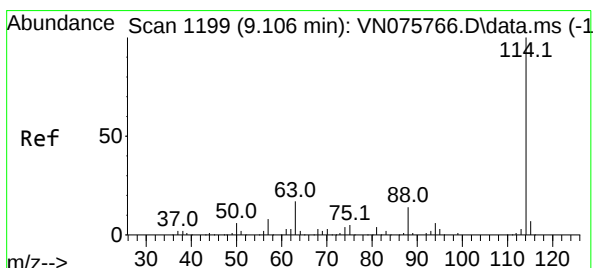
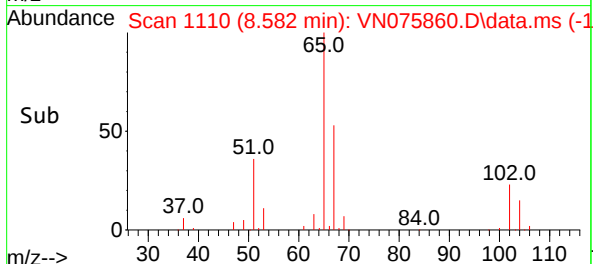
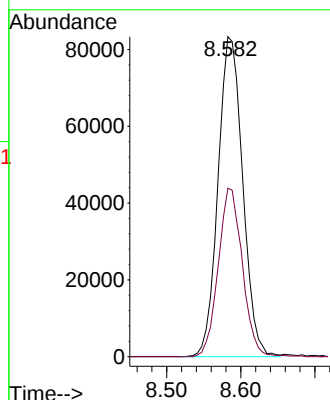
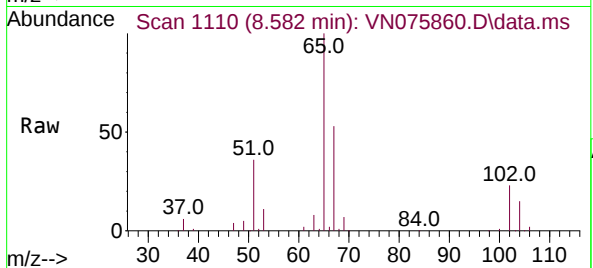
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Tgt Ion: 65 Resp: 192503

Ion Ratio Lower Upper

65 100

67 51.4 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: VN075860.D

Acq: 16 Dec 2022 20:14

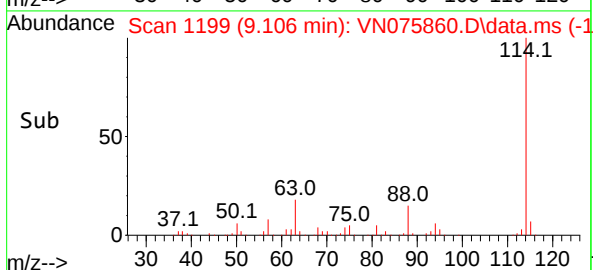
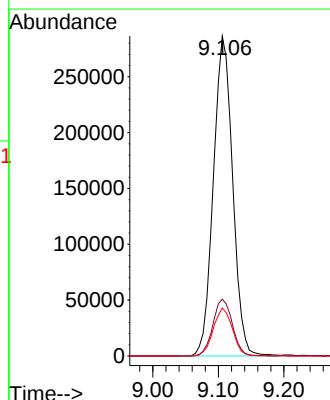
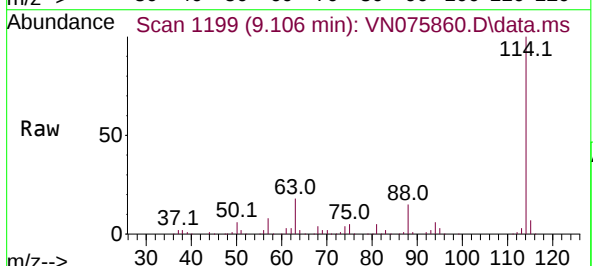
Tgt Ion: 114 Resp: 584047

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 15.0 0.0 28.8

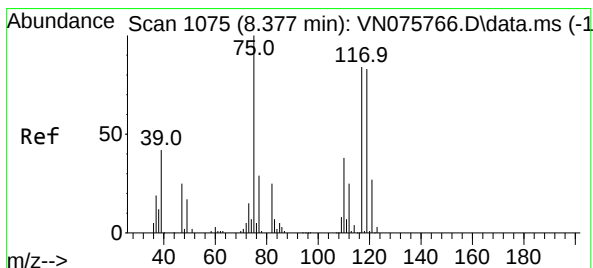
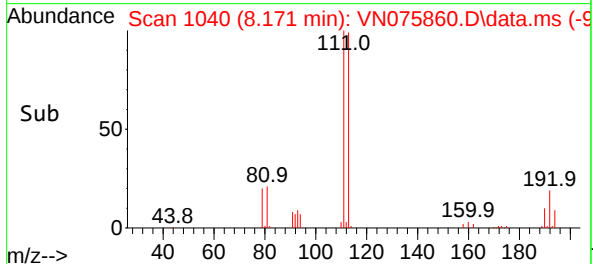
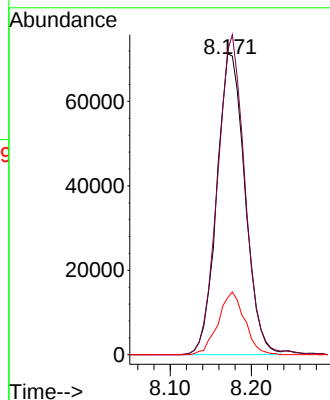
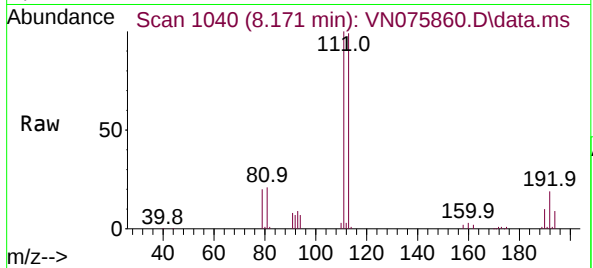




#35
Dibromofluoromethane
Concen: 47.475 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075860.D
Acq: 16 Dec 2022 20:14

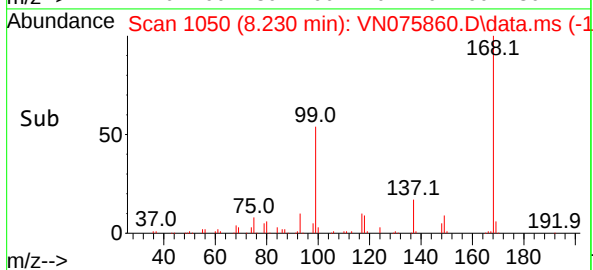
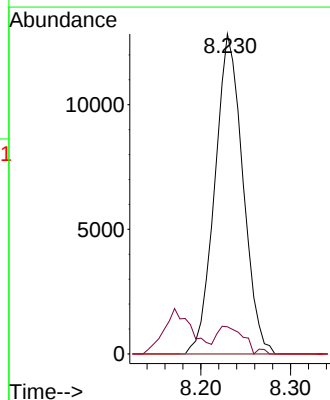
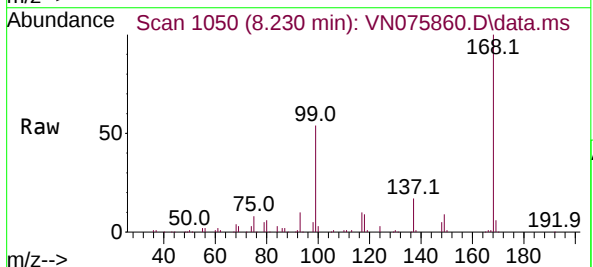
Instrument :
MSVOA_N
ClientSampleId :
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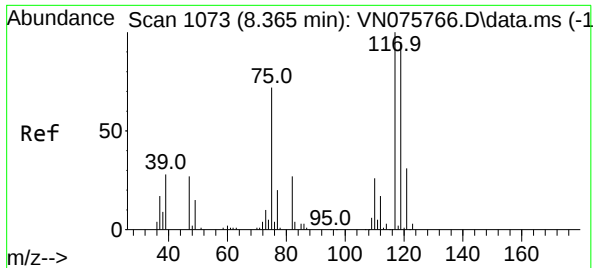
Tgt Ion:113 Resp: 171712
Ion Ratio Lower Upper
113 100
111 103.7 83.4 125.2
192 19.6 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.791 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075860.D
Acq: 16 Dec 2022 20:14

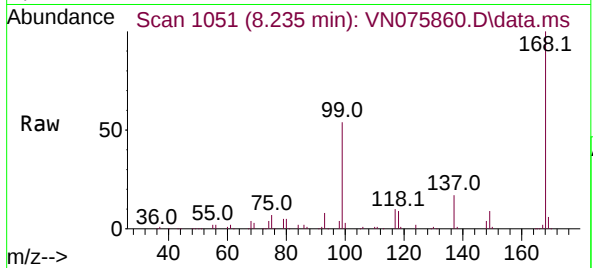
Tgt Ion: 75 Resp: 27825
Ion Ratio Lower Upper
75 100
110 8.3 18.8 56.4#
77 0.0 24.1 36.1#



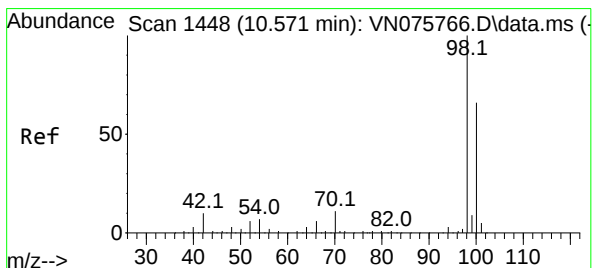
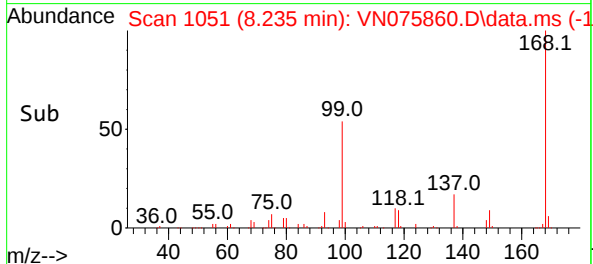
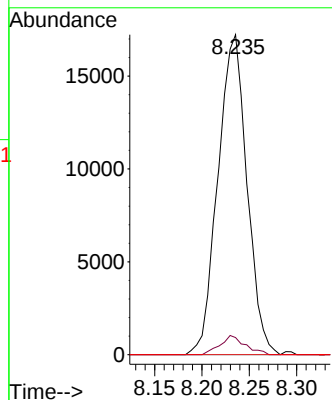


#38
Carbon Tetrachloride
Concen: 6.830 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.129 min
Lab File: VN075860.D
Acq: 16 Dec 2022 20:14

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

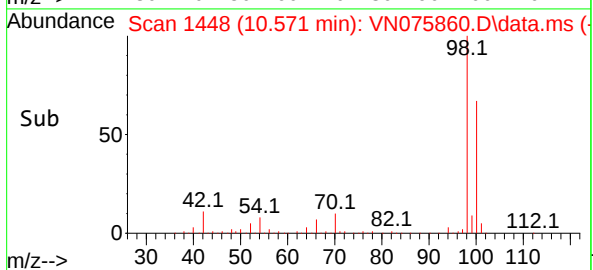
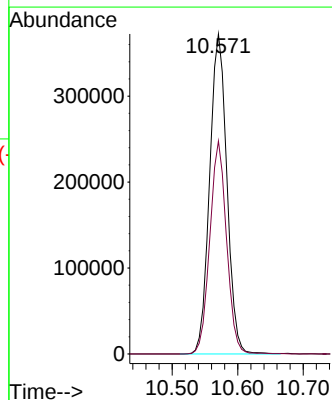
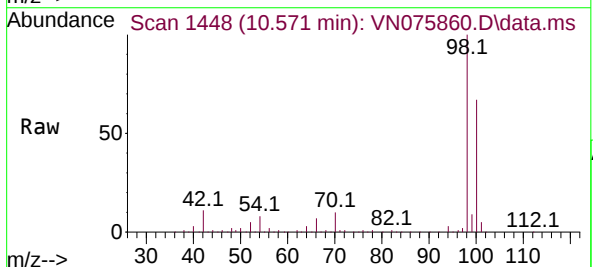


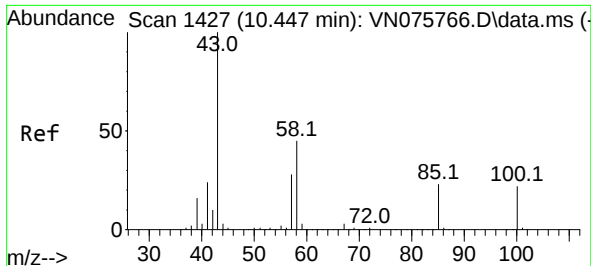
Tgt Ion:117 Resp: 36730
Ion Ratio Lower Upper
117 100
119 5.3 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.304 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075860.D
Acq: 16 Dec 2022 20:14

Tgt Ion: 98 Resp: 680273
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 0.711 ug/l

RT: 10.565 min Scan# 14

Delta R.T. 0.118 min

Lab File: VN075860.D

Acq: 16 Dec 2022 20:14

Instrument :

MSVOA_N

ClientSampleId :

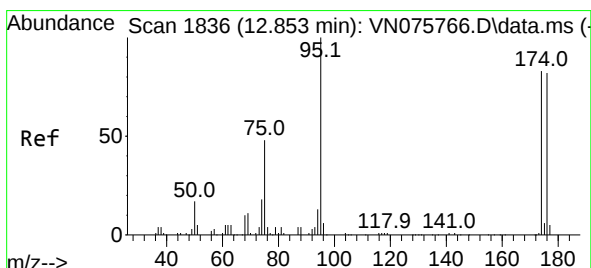
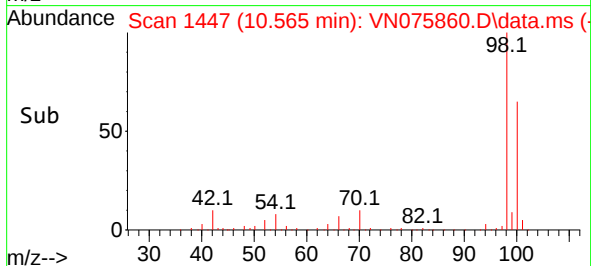
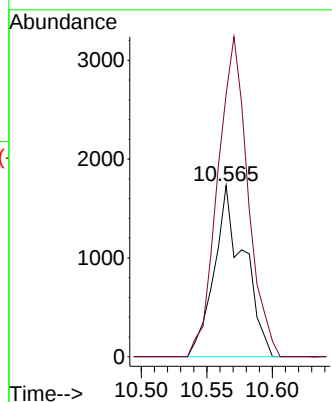
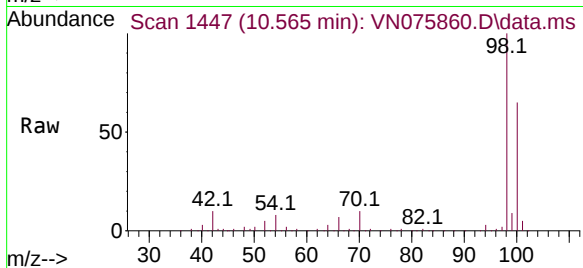
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Tgt Ion: 43 Resp: 2738

Ion Ratio Lower Upper

43 100

58 189.7 35.5 53.3#



#62

4-Bromofluorobenzene

Concen: 48.253 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VN075860.D

Acq: 16 Dec 2022 20:14

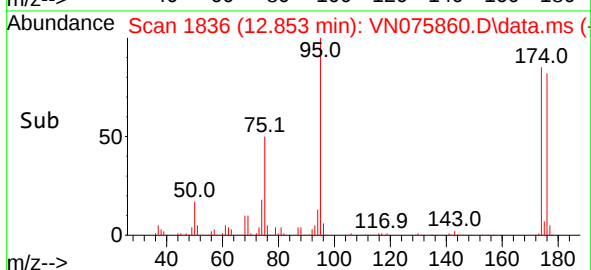
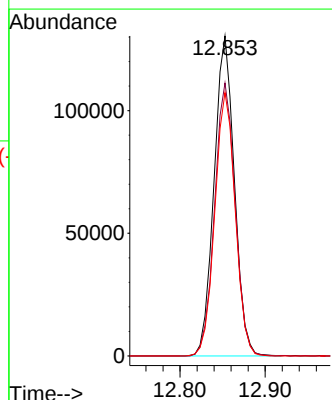
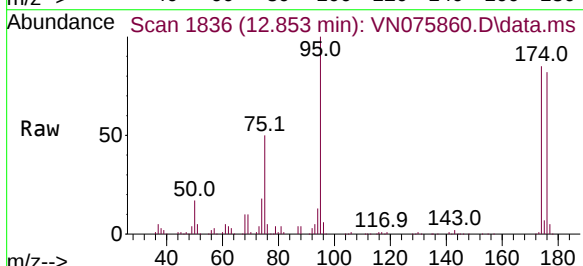
Tgt Ion: 95 Resp: 216129

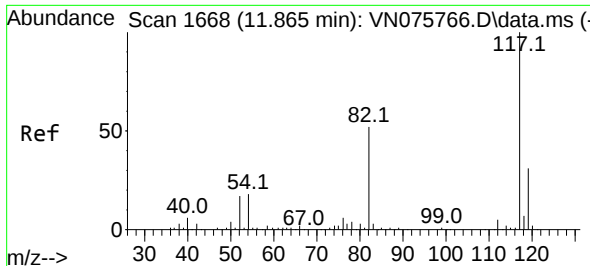
Ion Ratio Lower Upper

95 100

174 86.5 0.0 171.6

176 82.8 0.0 169.2

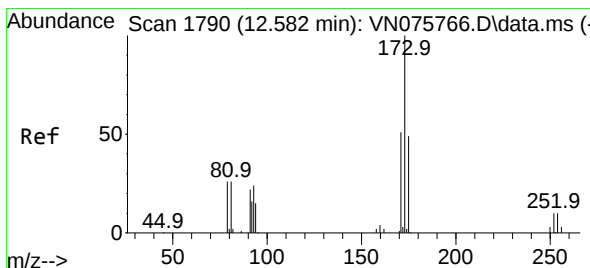
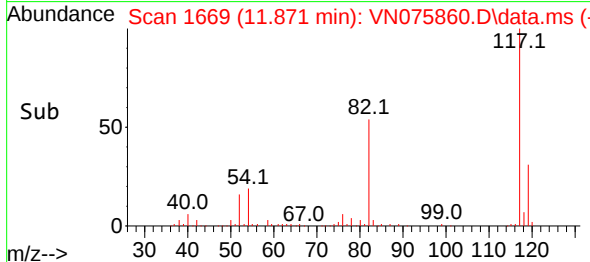
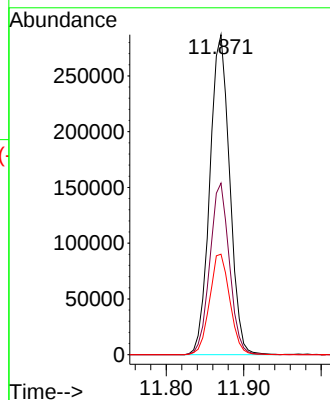
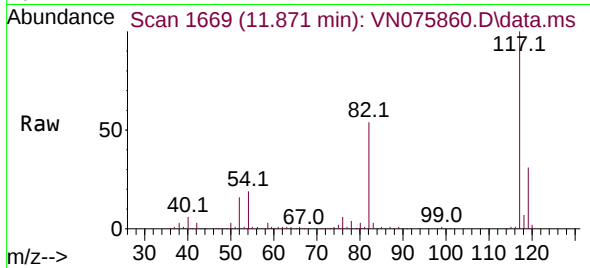




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN075860.D
Acq: 16 Dec 2022 20:14

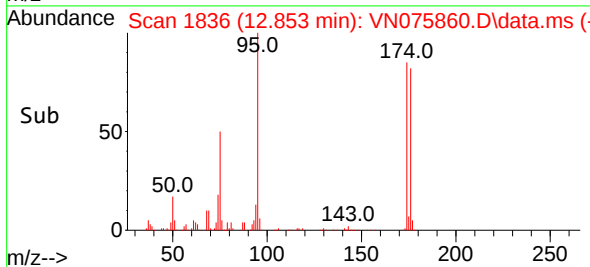
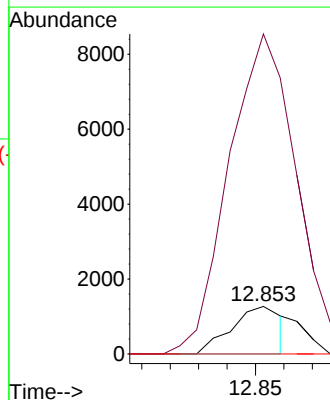
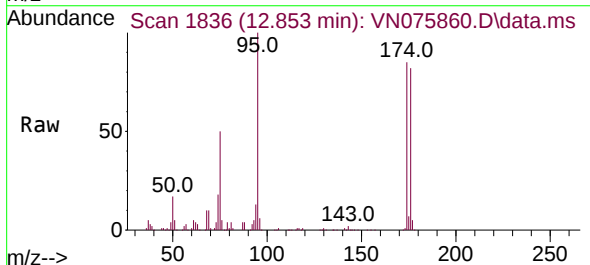
Instrument :
MSVOA_N
ClientSampleId :
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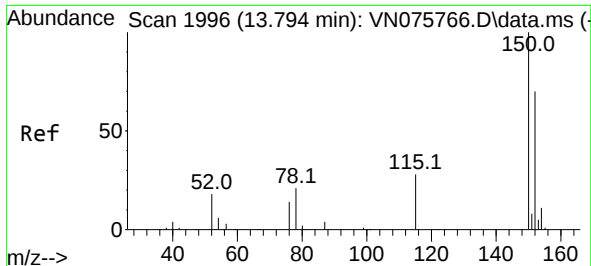
Tgt Ion:117 Resp: 510268
Ion Ratio Lower Upper
117 100
82 53.6 41.3 61.9
119 31.4 24.6 37.0



#71
Bromoform
Concen: 0.551 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075860.D
Acq: 16 Dec 2022 20:14

Tgt Ion:173 Resp: 1556
Ion Ratio Lower Upper
173 100
175 723.1 24.3 72.8#
254 0.0 0.0 0.0

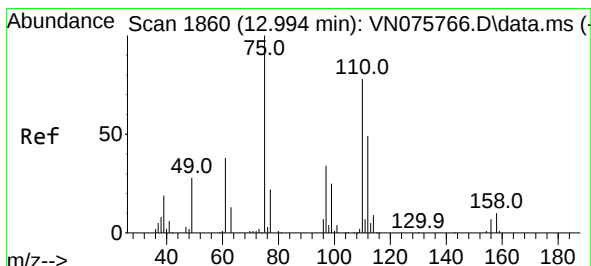
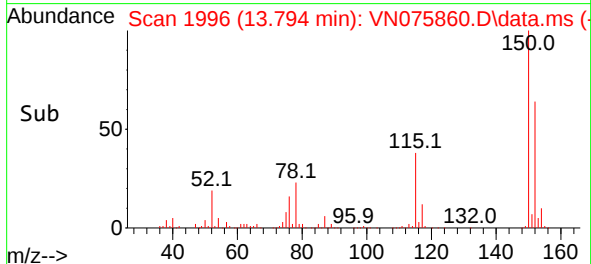
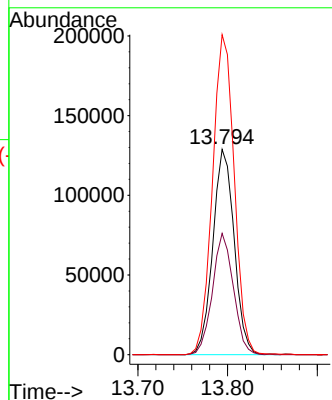
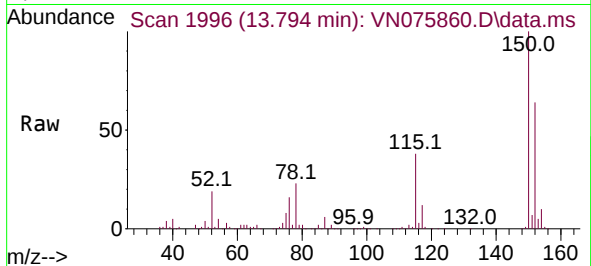




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075860.D
 Acq: 16 Dec 2022 20:14

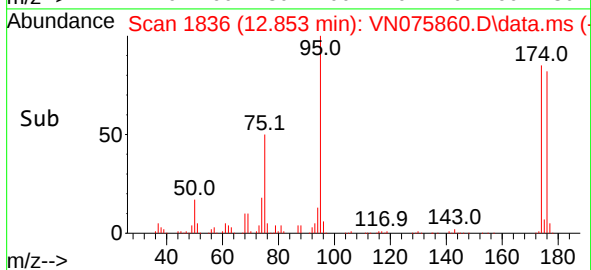
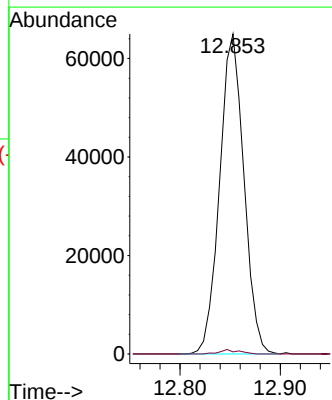
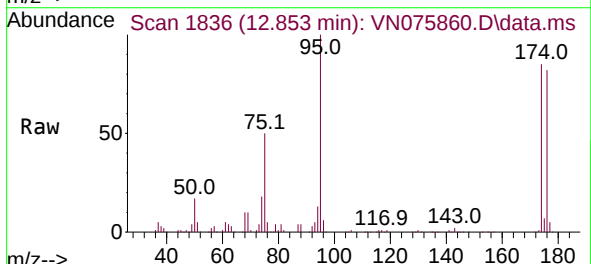
Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

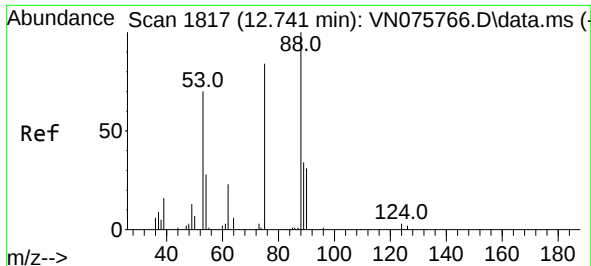
Tgt Ion:152 Resp: 212711
 Ion Ratio Lower Upper
 152 100
 115 57.9 29.1 87.4
 150 158.8 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 25.440 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075860.D
 Acq: 16 Dec 2022 20:14

Tgt Ion: 75 Resp: 109078
 Ion Ratio Lower Upper
 75 100
 77 1.1 82.6 247.8#

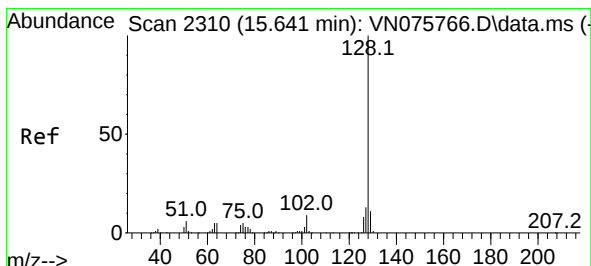
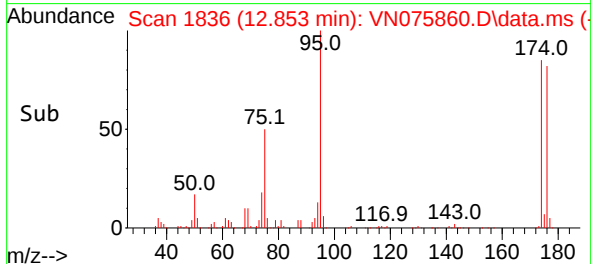
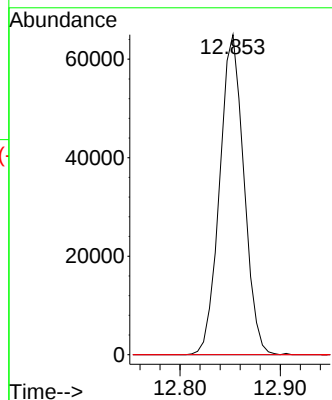
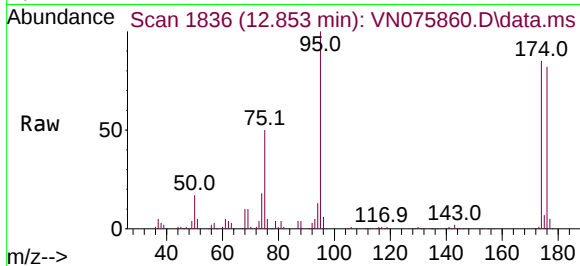




#81
trans-1,4-Dichloro-2-butene
Concen: 91.570 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075860.D
Acq: 16 Dec 2022 20:14

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 109078
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.261 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075860.D
Acq: 16 Dec 2022 20:14

Tgt Ion:128 Resp: 1015
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

