

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061323\
 Data File : VN078187.D
 Acq On : 13 Jun 2023 15:36
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 14 02:20:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

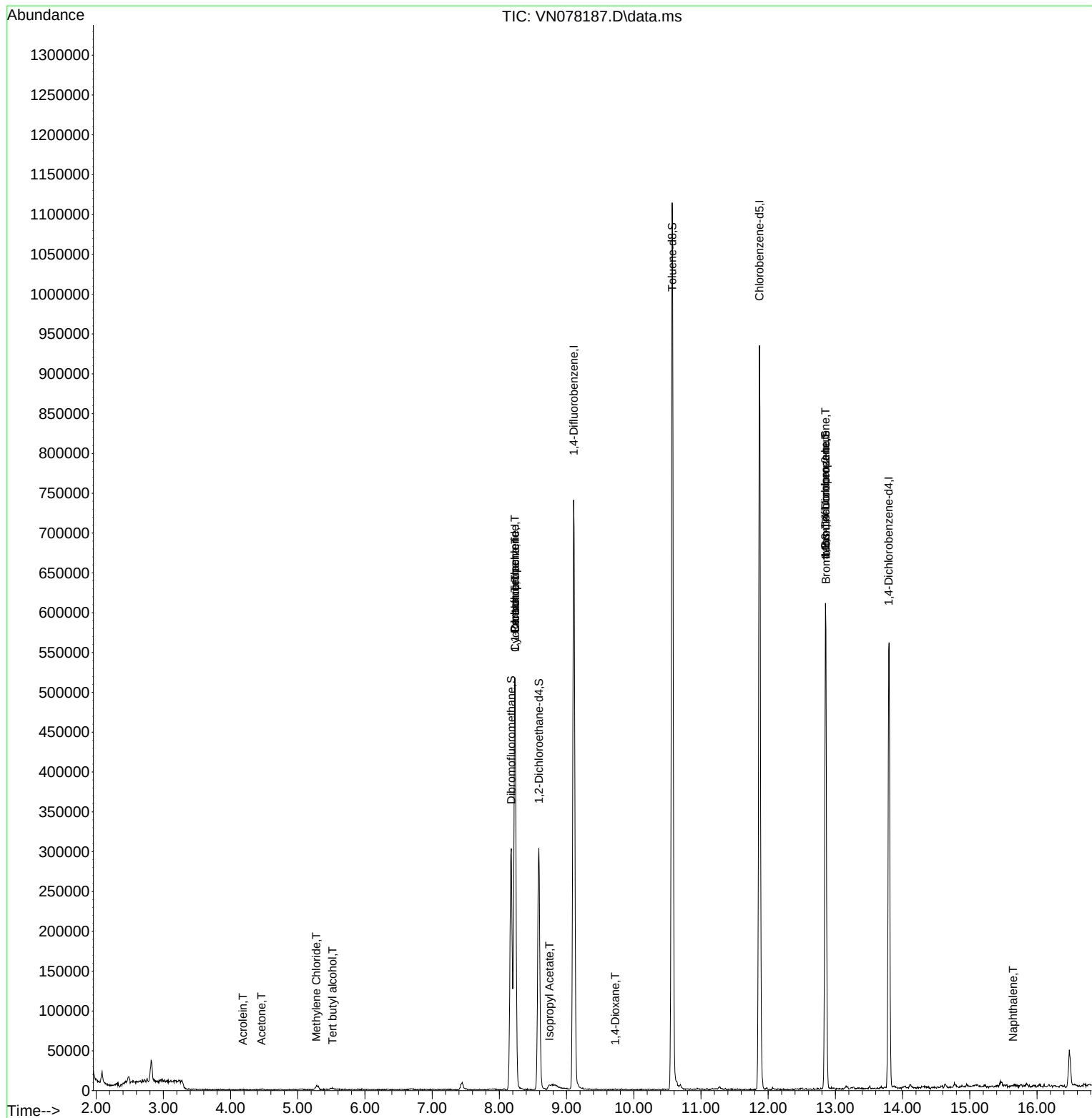
Internal Standards						
1) Pentafluorobenzene	8.230	168	362803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	671020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	569783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	251148	51.919	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.840%	
35) Dibromofluoromethane	8.177	113	223107	52.585	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.180%	
50) Toluene-d8	10.571	98	817525	49.982	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.960%	
62) 4-Bromofluorobenzene	12.853	95	216752	42.628	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 85.260%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	1254	Below Cal	#	83
11) Tert butyl alcohol	5.518	59	600	0.898	ug/l #	72
13) Acrolein	4.183	56	148	0.201	ug/l #	49
16) Acetone	4.459	43	2093	1.503	ug/l #	40
20) Methylene Chloride	5.277	84	4006	0.871	ug/l #	80
31) Cyclohexane	8.236	56	9110	1.468	ug/l #	29
36) 1,1-Dichloropropene	8.236	75	30811	5.063	ug/l #	50
38) Carbon Tetrachloride	8.230	117	41215	6.414	ug/l #	13
43) Isopropyl Acetate	8.747	43	3712	0.408	ug/l #	49
49) 1,4-Dioxane	9.724	88	53	0.661	ug/l #	1
71) Bromoform	12.859	173	2196	0.758	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	13.012	83	56	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.853	75	116915	31.959	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	116915	98.187	ug/l #	15
95) Naphthalene	15.647	128	1537	0.228	ug/l #	70

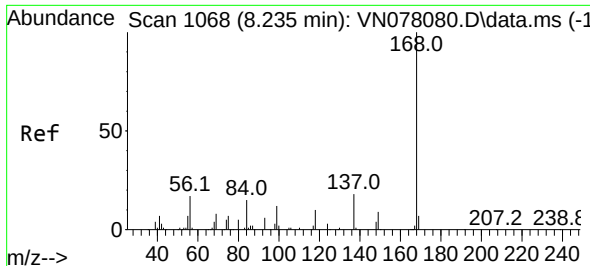
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

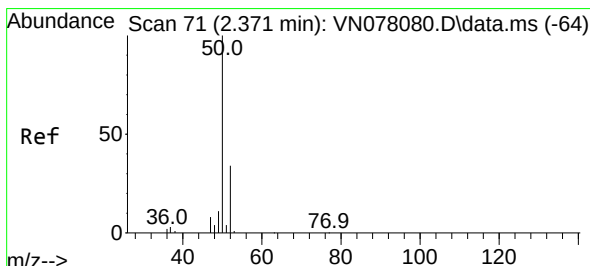
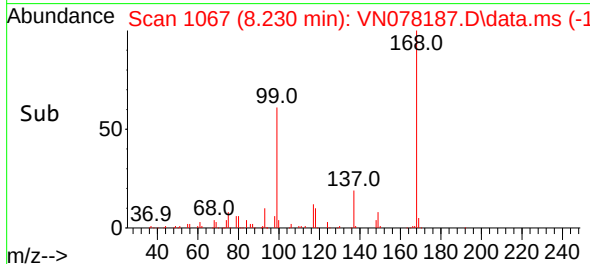
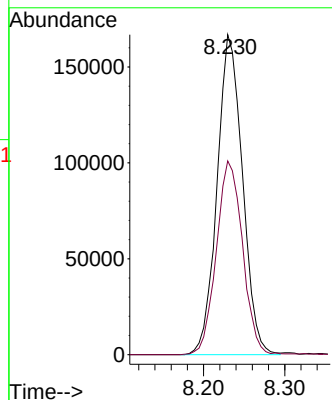
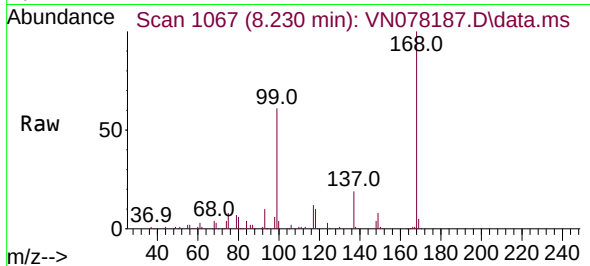




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN078187.D
Acq: 13 Jun 2023 15:36

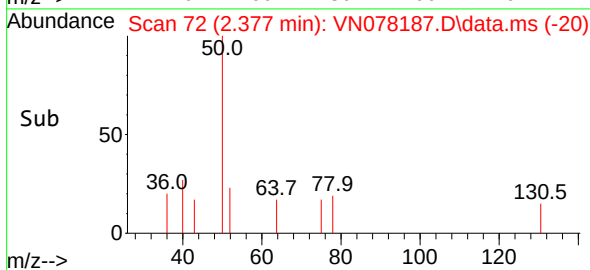
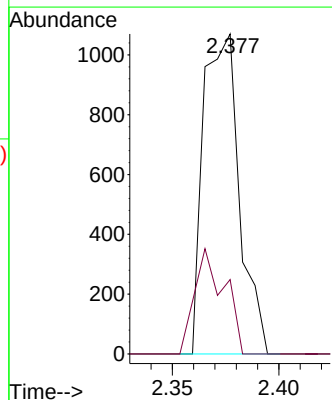
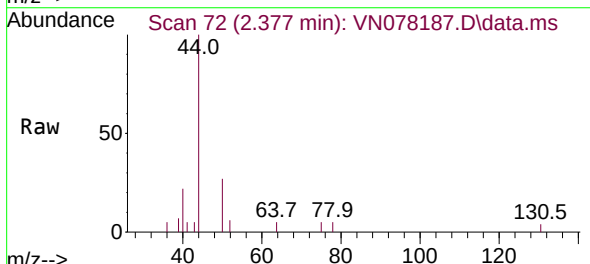
Instrument :
MSVOA_N
ClientSampleId :
IBLK

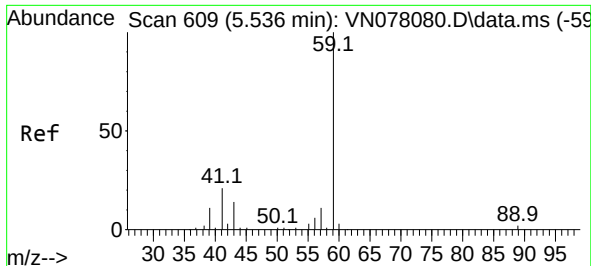
Tgt Ion:168 Resp: 362803
Ion Ratio Lower Upper
168 100
99 60.6 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.006 min
Lab File: VN078187.D
Acq: 13 Jun 2023 15:36

Tgt Ion: 50 Resp: 1254
Ion Ratio Lower Upper
50 100
52 23.3 26.5 39.7#

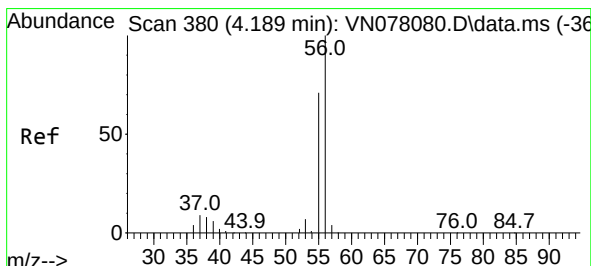
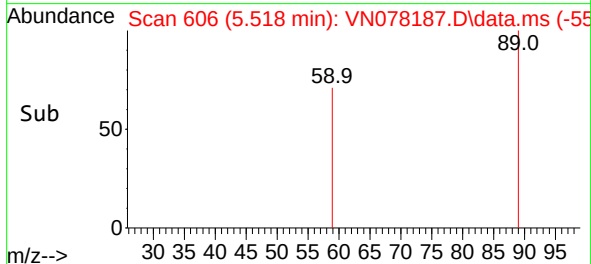
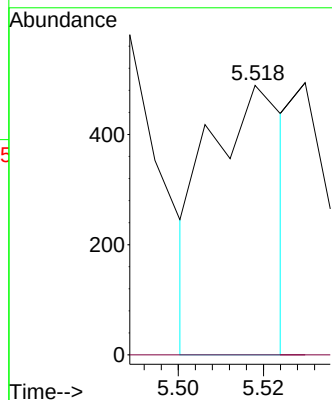
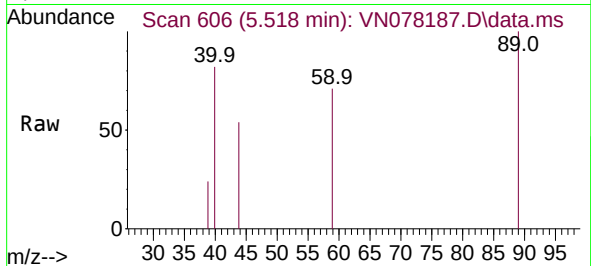




#11
Tert butyl alcohol
Concen: 0.898 ug/l
RT: 5.518 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN078187.D
Acq: 13 Jun 2023 15:36

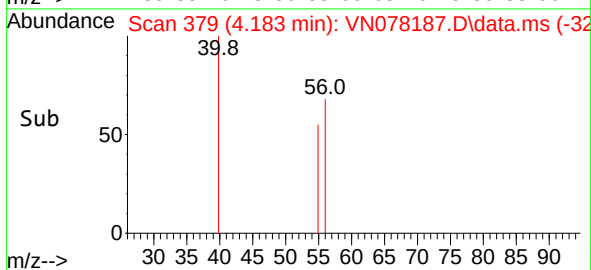
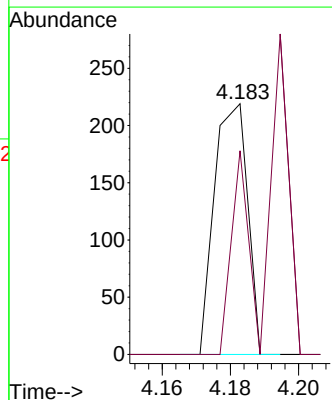
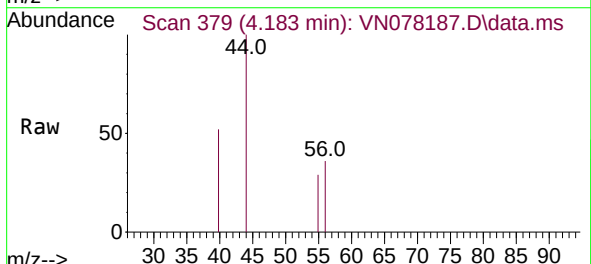
Instrument :
MSVOA_N
ClientSampleId :
IBLK

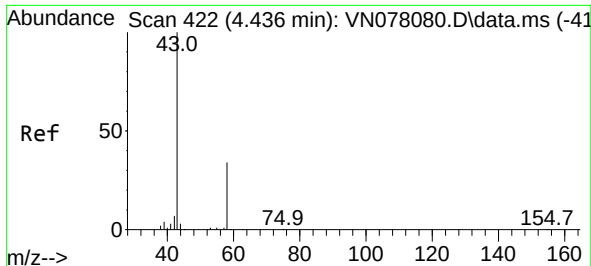
Tgt Ion: 59 Resp: 600
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.201 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN078187.D
Acq: 13 Jun 2023 15:36

Tgt Ion: 56 Resp: 148
Ion Ratio Lower Upper
56 100
55 109.5 54.5 81.7#





#16

Acetone

Concen: 1.503 ug/l

RT: 4.459 min Scan# 41

Delta R.T. 0.024 min

Lab File: VN078187.D

Acq: 13 Jun 2023 15:36

Instrument :

MSVOA_N

ClientSampleId :

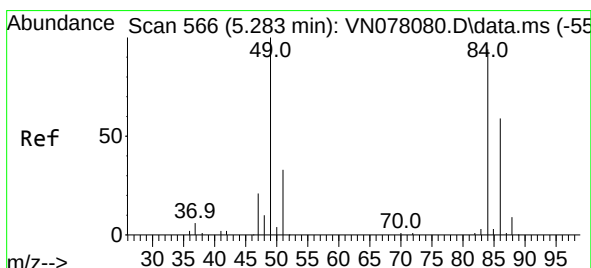
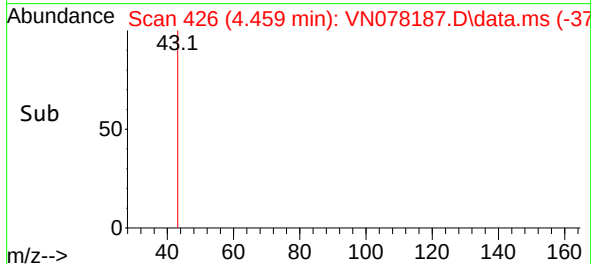
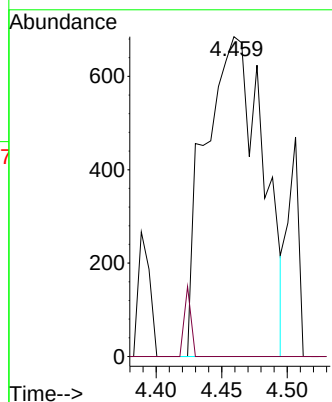
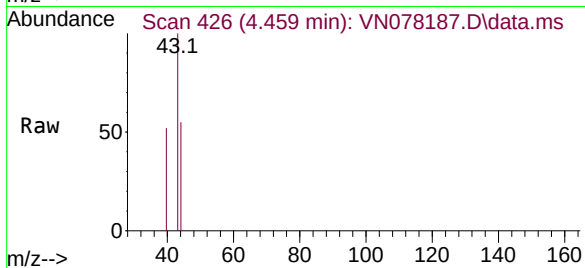
IBLK

Tgt Ion: 43 Resp: 2093

Ion Ratio Lower Upper

43 100

58 0.0 28.0 42.0#



#20

Methylene Chloride

Concen: 0.871 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.006 min

Lab File: VN078187.D

Acq: 13 Jun 2023 15:36

Tgt Ion: 84 Resp: 4006

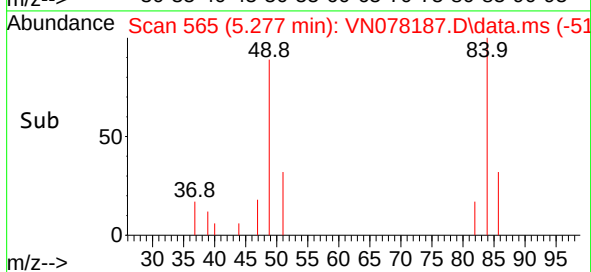
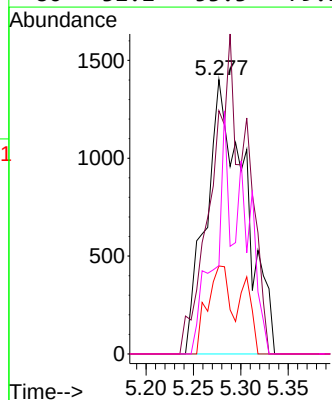
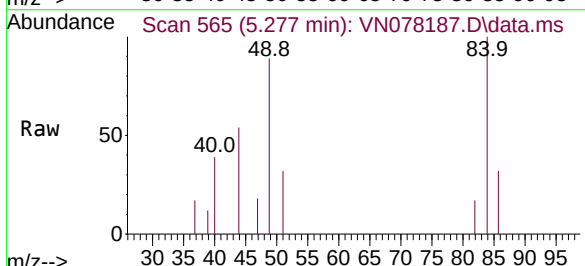
Ion Ratio Lower Upper

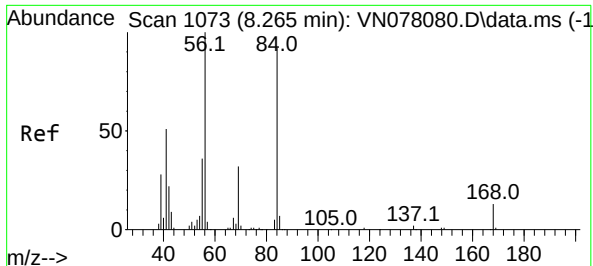
84 100

49 88.7 79.7 119.5

51 32.1 25.2 37.8

86 32.2 53.3 79.9#

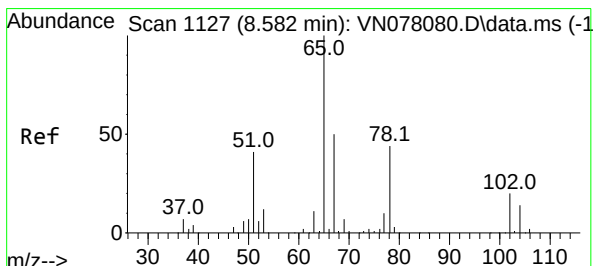
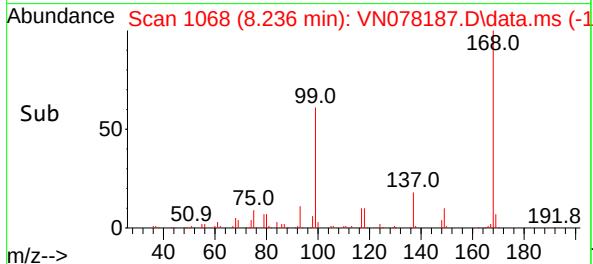
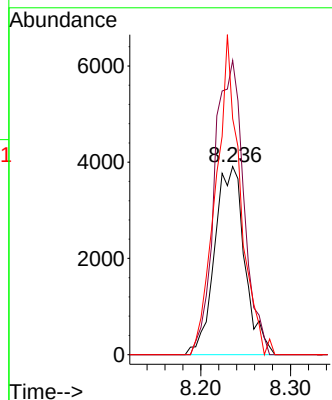
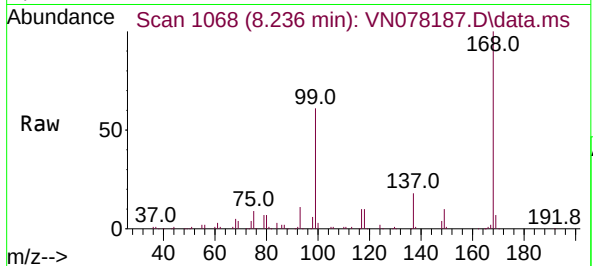




#31
Cyclohexane
Concen: 1.468 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN078187.D
Acq: 13 Jun 2023 15:36

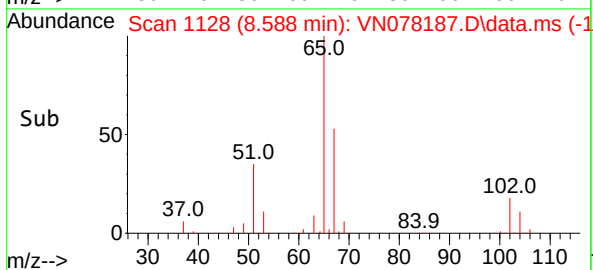
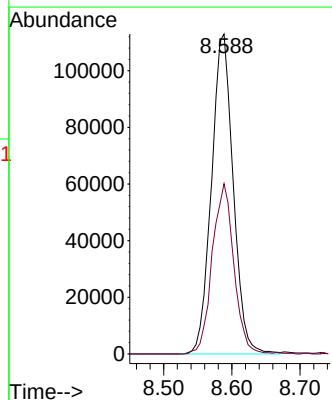
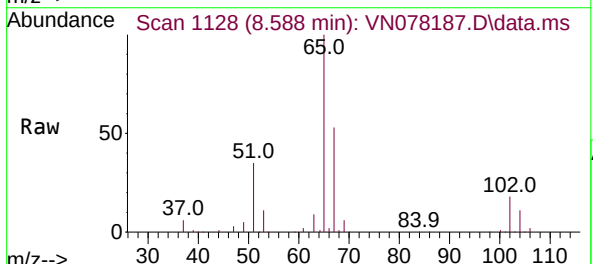
Instrument :
MSVOA_N
ClientSampleId :
IBLK

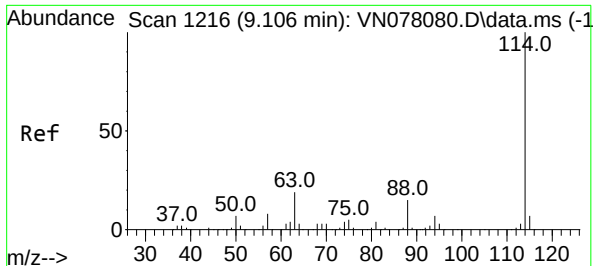
Tgt Ion: 56 Resp: 9110
Ion Ratio Lower Upper
56 100
69 156.3 26.8 40.2#
84 125.4 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 51.919 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078187.D
Acq: 13 Jun 2023 15:36

Tgt Ion: 65 Resp: 251148
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.6

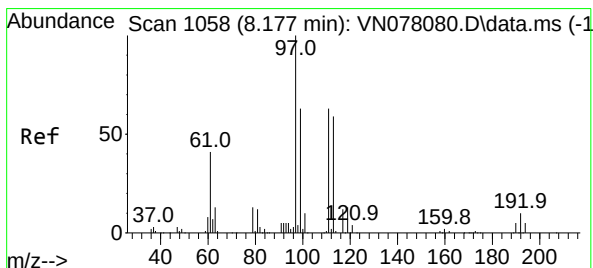
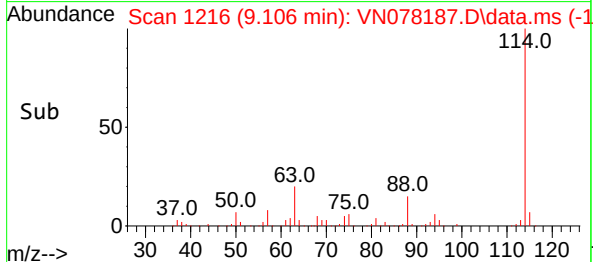
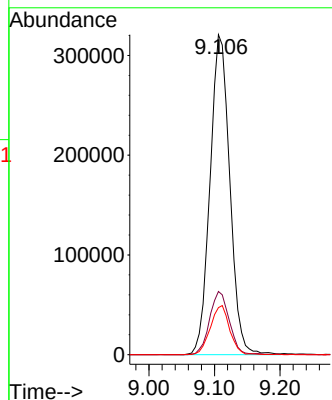
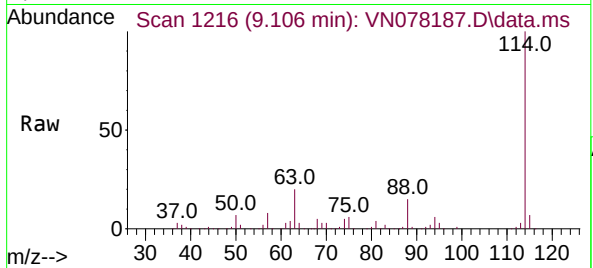




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078187.D
Acq: 13 Jun 2023 15:36

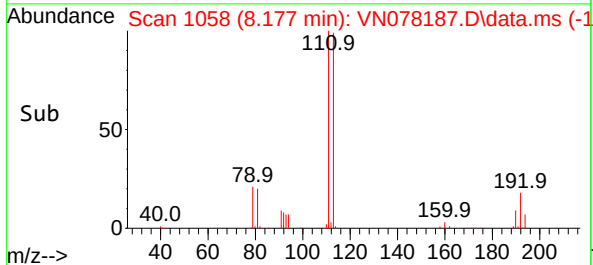
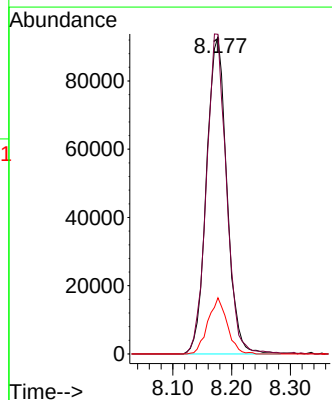
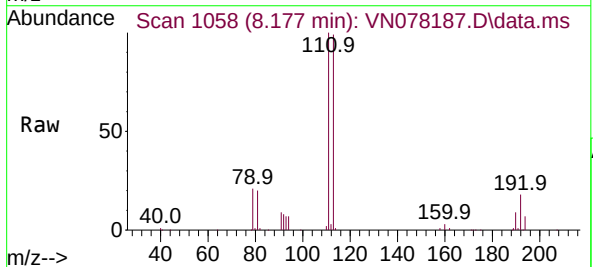
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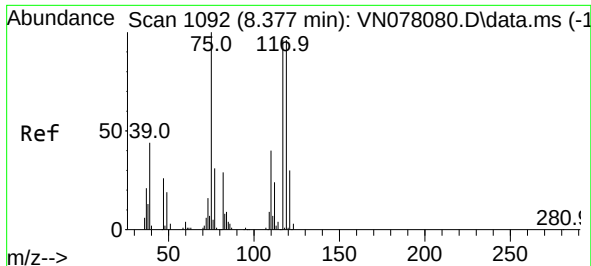
Tgt Ion:114 Resp: 671020
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.585 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078187.D
Acq: 13 Jun 2023 15:36

Tgt Ion:113 Resp: 223107
Ion Ratio Lower Upper
113 100
111 99.4 82.6 123.8
192 16.7 12.7 19.1

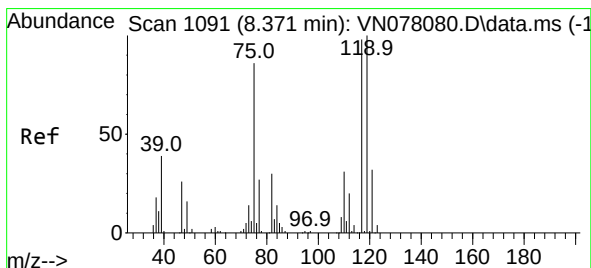
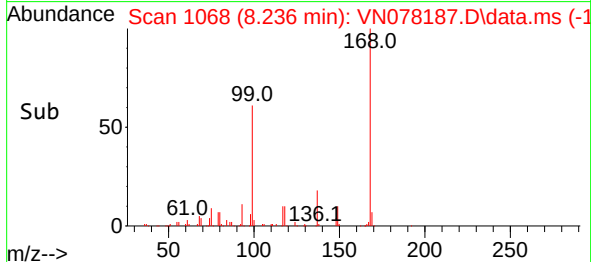
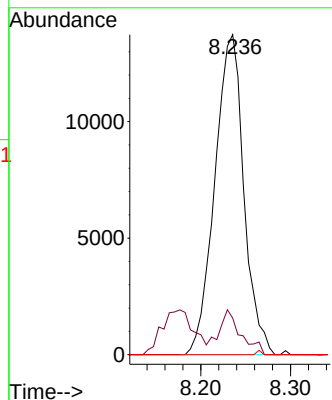
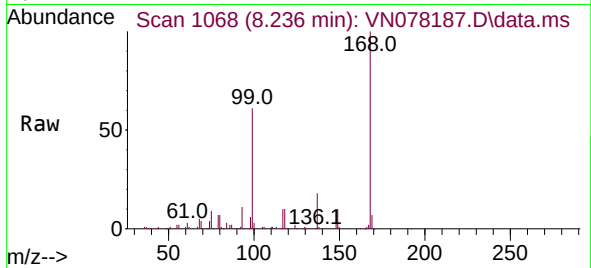




#36
1,1-Dichloropropene
Concen: 5.063 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN078187.D
Acq: 13 Jun 2023 15:36

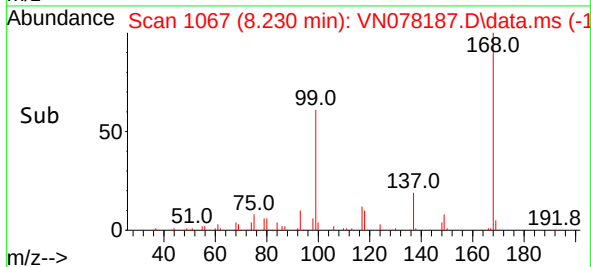
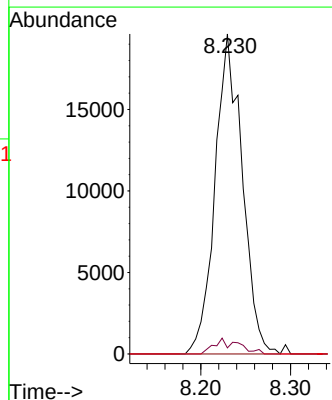
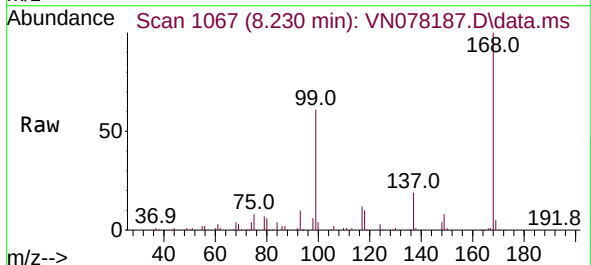
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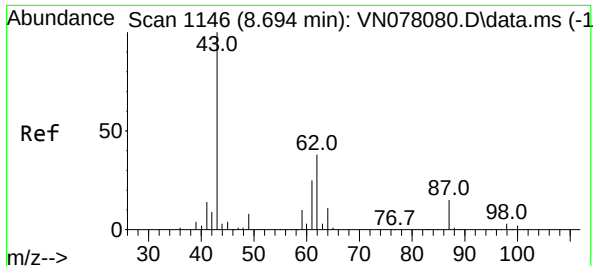
Tgt Ion: 75 Resp: 30811
Ion Ratio Lower Upper
75 100
110 10.7 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.414 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN078187.D
Acq: 13 Jun 2023 15:36

Tgt Ion: 117 Resp: 41215
Ion Ratio Lower Upper
117 100
119 1.9 77.3 115.9#
121 0.0 23.3 34.9#





#43

Isopropyl Acetate

Concen: 0.408 ug/l

RT: 8.747 min Scan# 1155

Delta R.T. 0.053 min

Lab File: VN078187.D

Acq: 13 Jun 2023 15:36

Instrument :

MSVOA_N

ClientSampleId :

IBLK

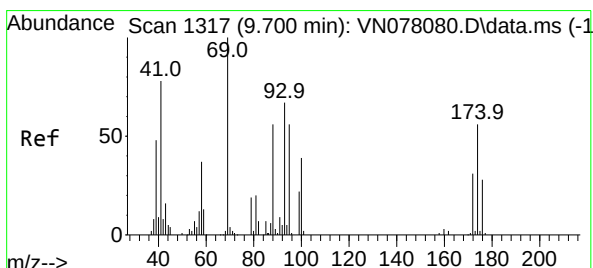
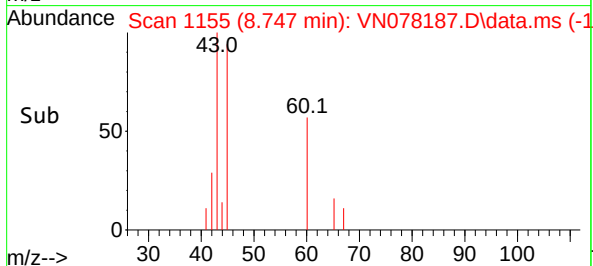
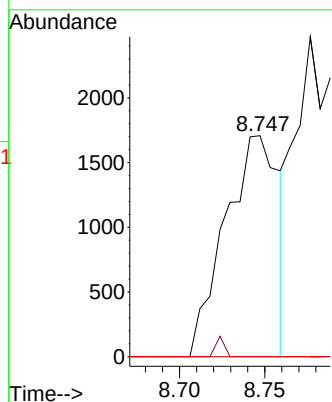
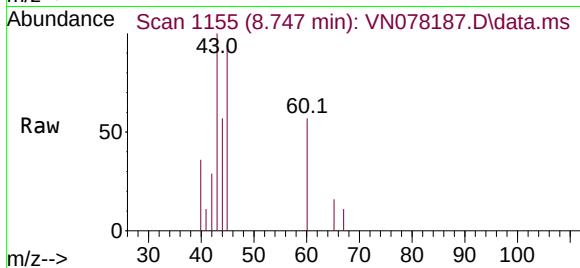
Tgt Ion: 43 Resp: 3712

Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#



#49

1,4-Dioxane

Concen: 0.661 ug/l

RT: 9.724 min Scan# 1321

Delta R.T. 0.024 min

Lab File: VN078187.D

Acq: 13 Jun 2023 15:36

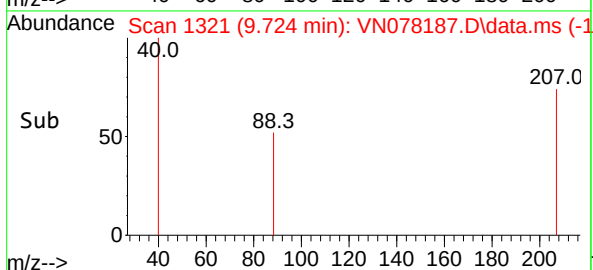
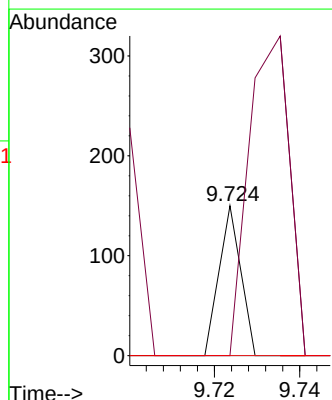
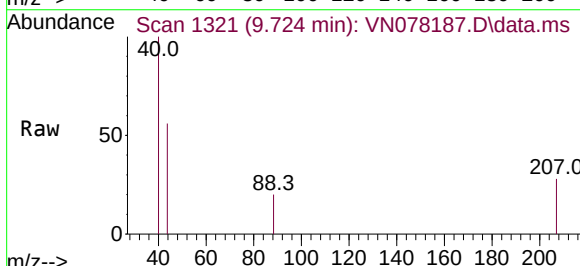
Tgt Ion: 88 Resp: 53

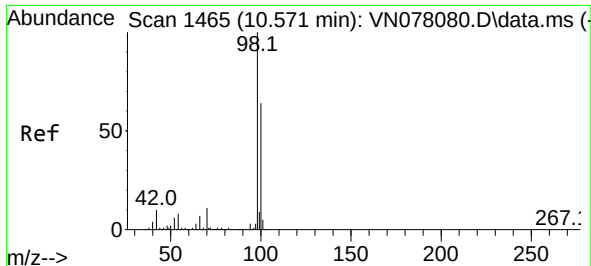
Ion Ratio Lower Upper

88 100

43 398.1 17.0 25.6#

58 0.0 47.0 70.4#

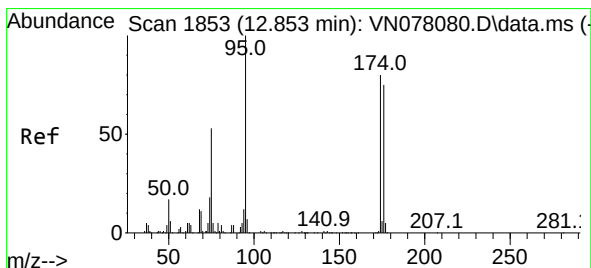
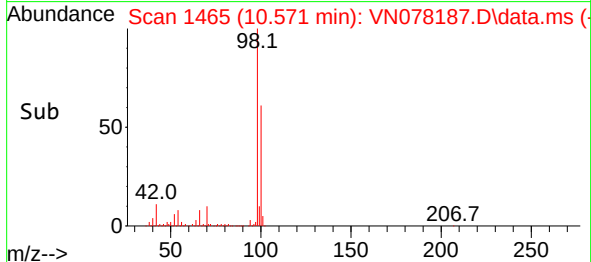
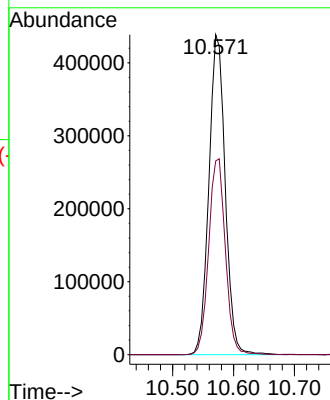
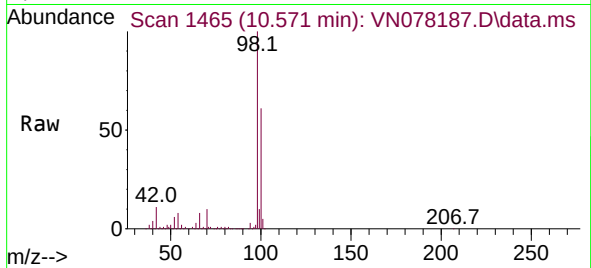




#50
Toluene-d8
Concen: 49.982 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078187.D
Acq: 13 Jun 2023 15:36

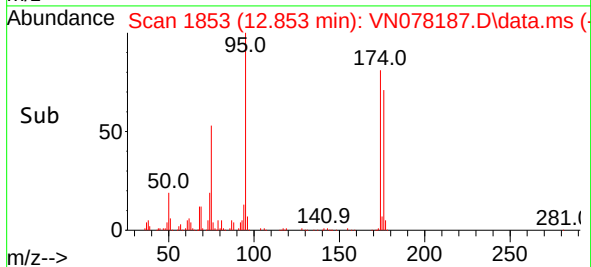
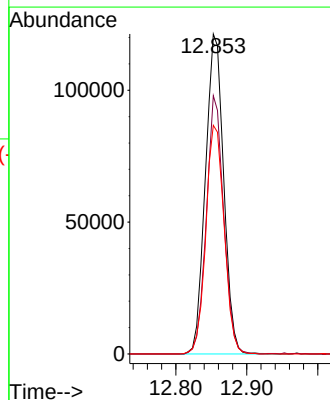
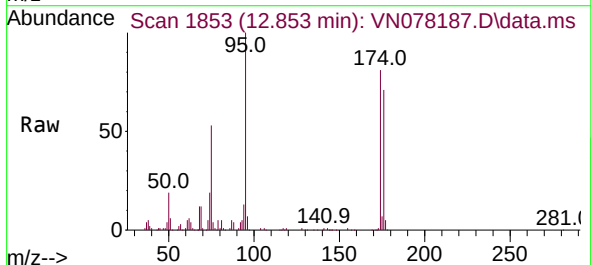
Instrument :
MSVOA_N
ClientSampleId :
IBLK

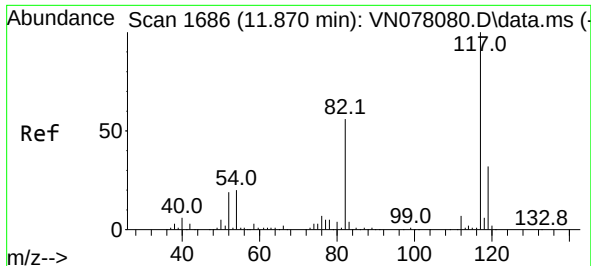
Tgt Ion: 98 Resp: 817525
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.628 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078187.D
Acq: 13 Jun 2023 15:36

Tgt Ion: 95 Resp: 216752
Ion Ratio Lower Upper
95 100
174 76.6 0.0 143.8
176 71.7 0.0 135.8

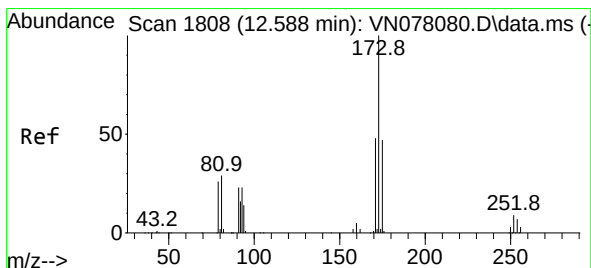
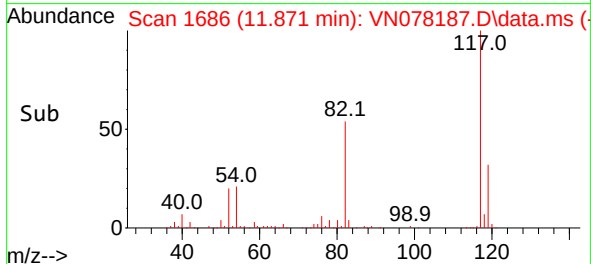
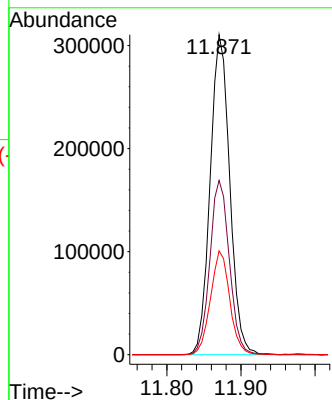
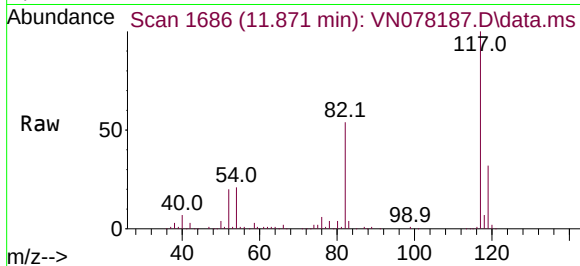




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1185
Delta R.T. 0.000 min
Lab File: VN078187.D
Acq: 13 Jun 2023 15:36

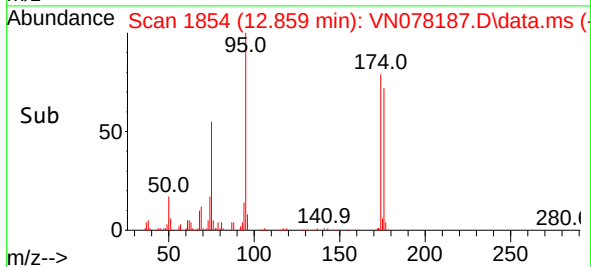
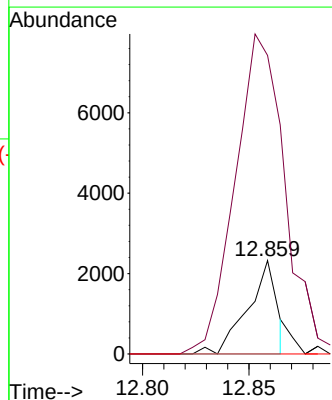
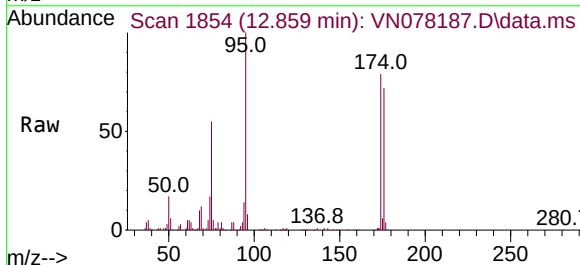
Instrument :
MSVOA_N
ClientSampleId :
IBLK

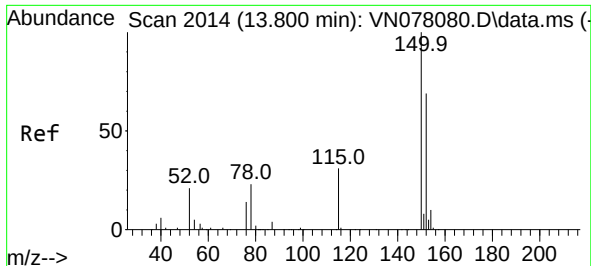
Tgt Ion:117 Resp: 569783
Ion Ratio Lower Upper
117 100
82 54.4 44.0 66.0
119 32.5 25.6 38.4



#71
Bromoform
Concen: 0.758 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.271 min
Lab File: VN078187.D
Acq: 13 Jun 2023 15:36

Tgt Ion:173 Resp: 2196
Ion Ratio Lower Upper
173 100
175 517.4 24.3 73.0#
254 0.0 0.0 0.0

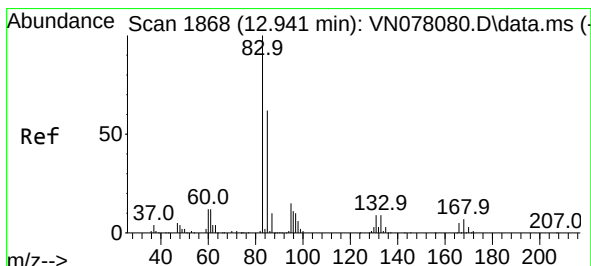
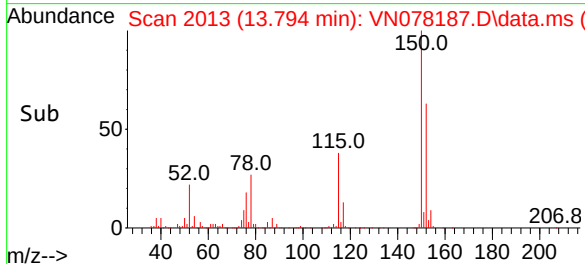
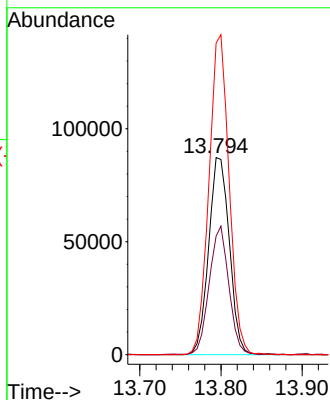
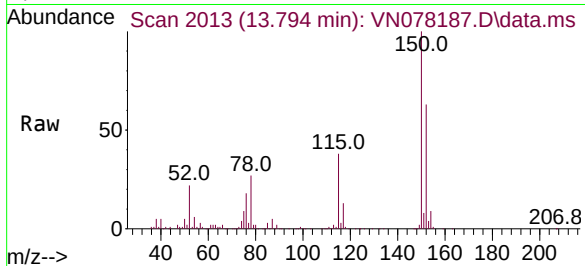




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2014
Delta R.T. -0.006 min
Lab File: VN078187.D
Acq: 13 Jun 2023 15:36

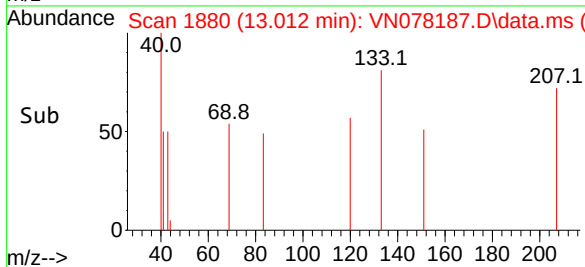
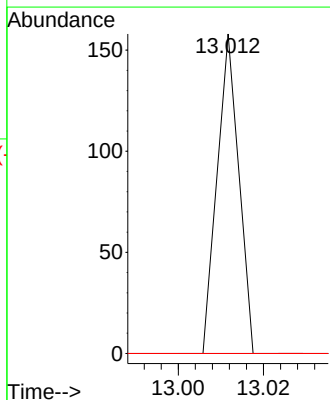
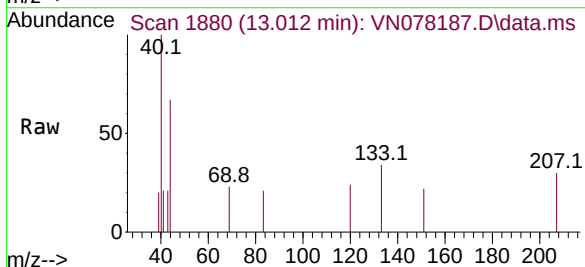
Instrument :
MSVOA_N
ClientSampleId :
IBLK

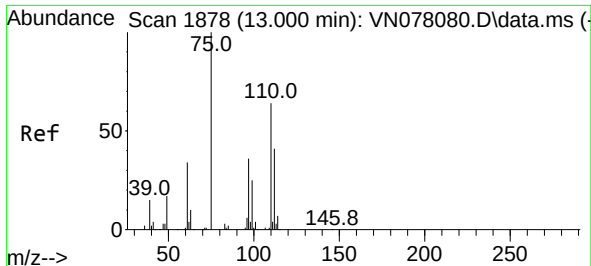
Tgt Ion:152 Resp: 154749
Ion Ratio Lower Upper
152 100
115 61.5 32.3 96.8
150 157.7 0.0 355.8



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 13.012 min Scan# 1880
Delta R.T. 0.071 min
Lab File: VN078187.D
Acq: 13 Jun 2023 15:36

Tgt Ion: 83 Resp: 56
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 0.0 31.9 95.7#

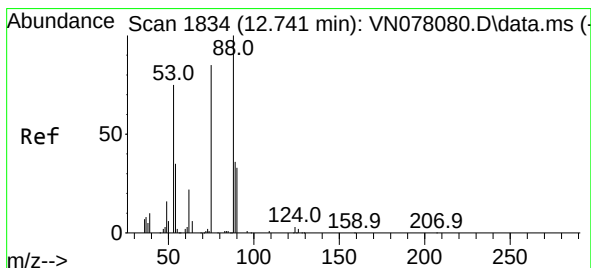
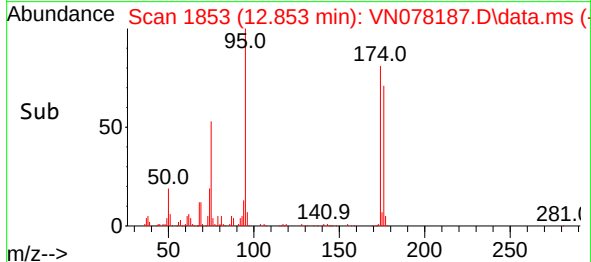
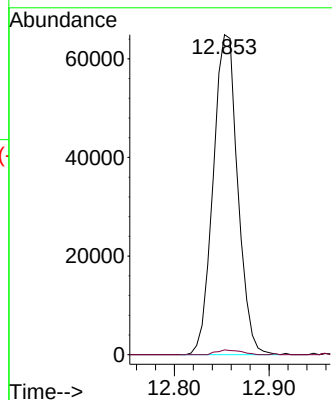
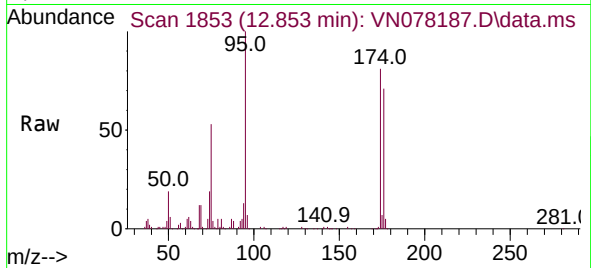




#76
1,2,3-Trichloropropane
Concen: 31.959 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078187.D
Acq: 13 Jun 2023 15:36

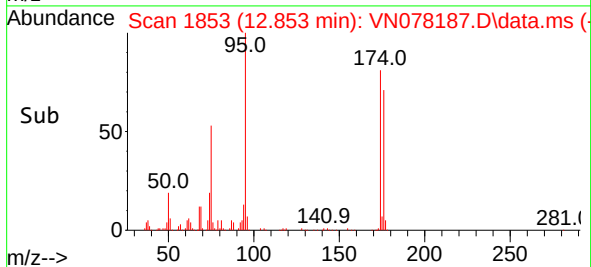
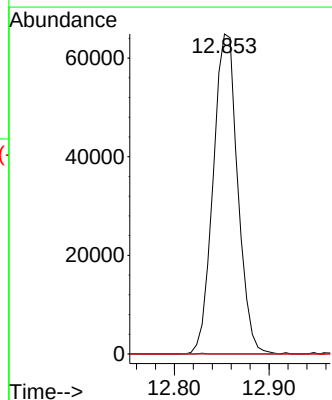
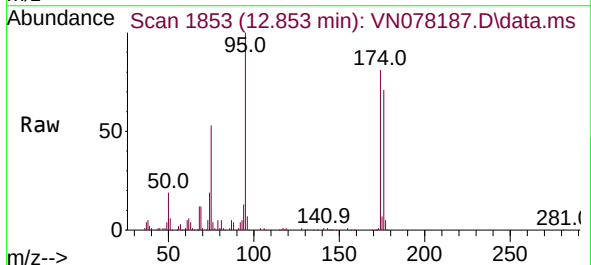
Instrument :
MSVOA_N
ClientSampleId :
IBLK

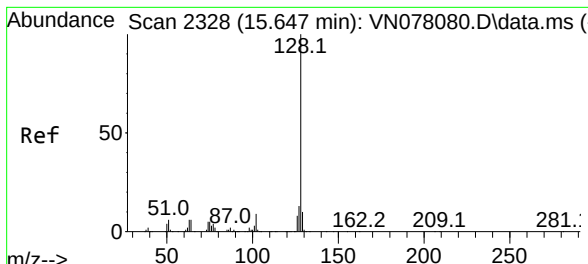
Tgt Ion: 75 Resp: 116915
Ion Ratio Lower Upper
75 100
77 1.5 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.187 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078187.D
Acq: 13 Jun 2023 15:36

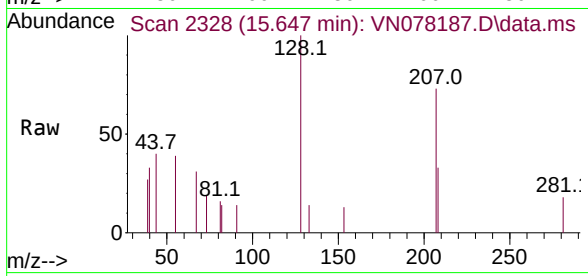
Tgt Ion: 75 Resp: 116915
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#





#95
 Naphthalene
 Concen: 0.228 ug/l
 RT: 15.647 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN078187.D
 Acq: 13 Jun 2023 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:128 Resp: 1537

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.0	15.0#
129	0.0	8.7	13.1#

