

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077788.D
 Acq On : 22 May 2023 14:41
 Operator : JC\MD
 Sample : 02880-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB01-20230519

Quant Time: May 23 04:19:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

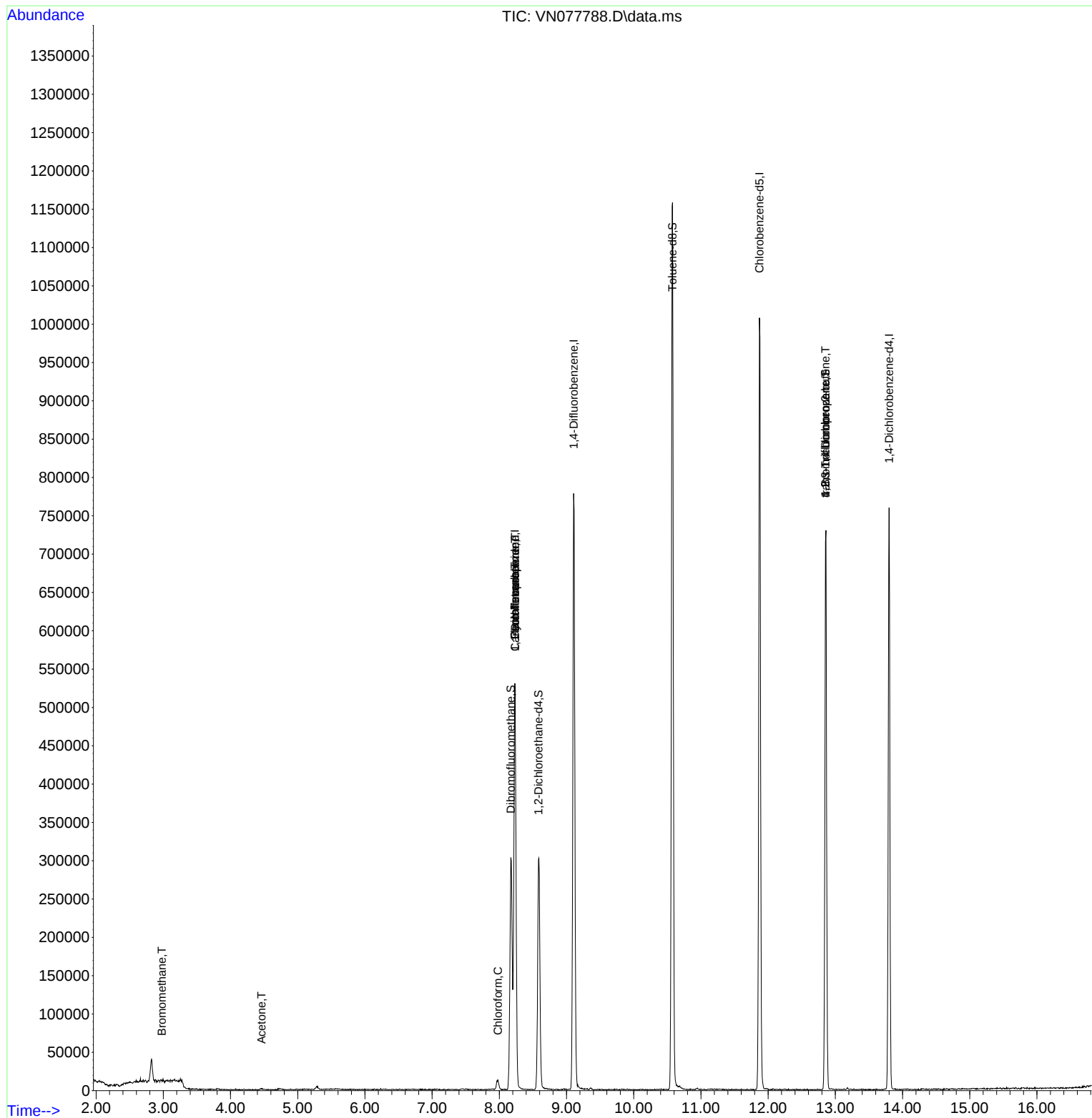
Internal Standards						
1) Pentafluorobenzene	8.230	168	381677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	692942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	615336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	201844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	255825	44.796	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.600%
35) Dibromofluoromethane	8.171	113	225121	49.821	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.640%
50) Toluene-d8	10.577	98	859436	49.414	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.820%
62) 4-Bromofluorobenzene	12.853	95	267145	43.490	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.980%
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	1733	Below Cal	#	69
5) Bromomethane	2.977	94	1382	0.341	ug/l #	76
13) Acrolein	4.201	56	309	Below Cal	#	41
16) Acetone	4.459	43	2382	1.326	ug/l #	40
20) Methylene Chloride	5.283	84	2803	Below Cal	#	73
30) Chloroform	7.977	83	12342	1.325	ug/l	98
31) Cyclohexane	8.230	56	8535	1.100	ug/l #	1
36) 1,1-Dichloropropene	8.236	75	32919	4.981	ug/l #	49
38) Carbon Tetrachloride	8.236	117	43201	6.473	ug/l #	16
76) 1,2,3-Trichloropropane	12.853	75	141335	27.960	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	141335	89.375	ug/l #	15

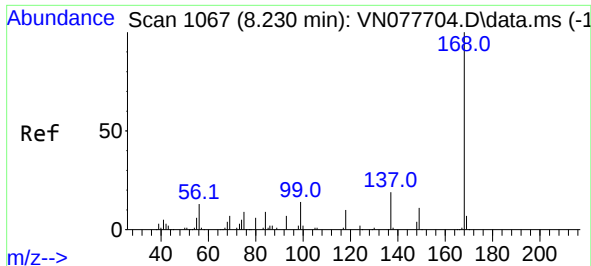
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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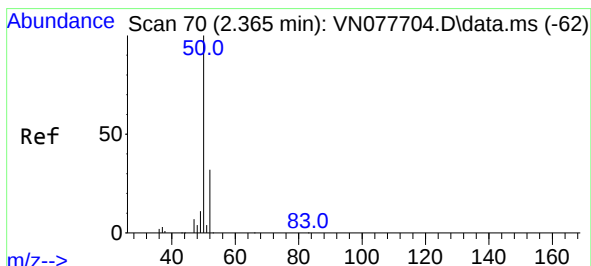
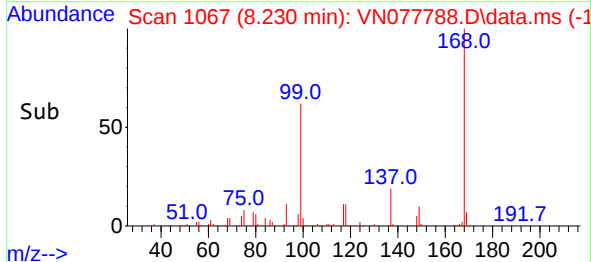
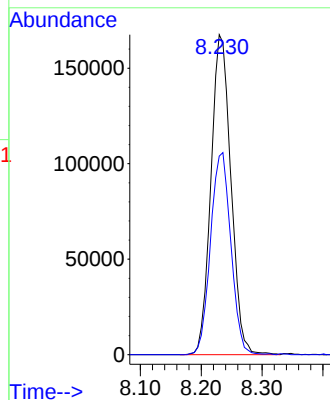
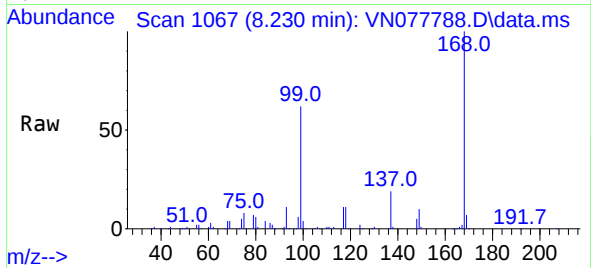




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077788.D
Acq: 22 May 2023 14:41

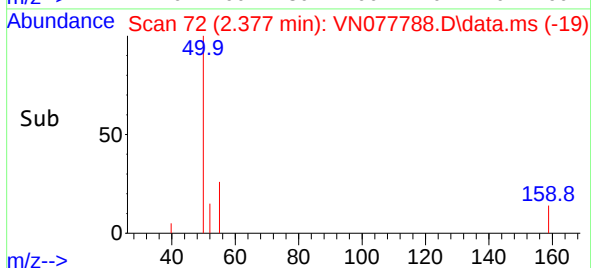
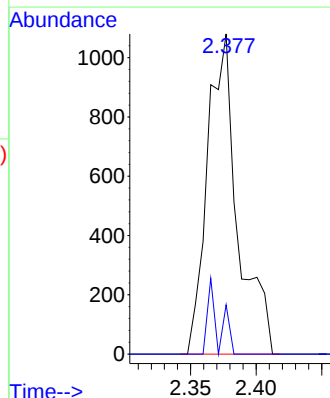
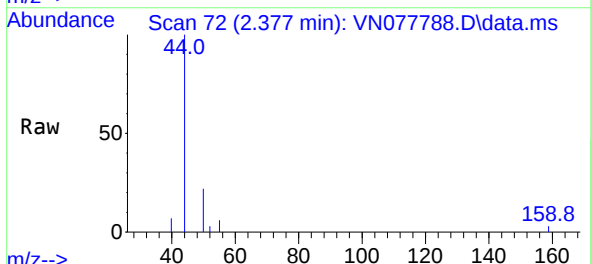
Instrument :
MSVOA_N
ClientSampleId :
EB01-20230519

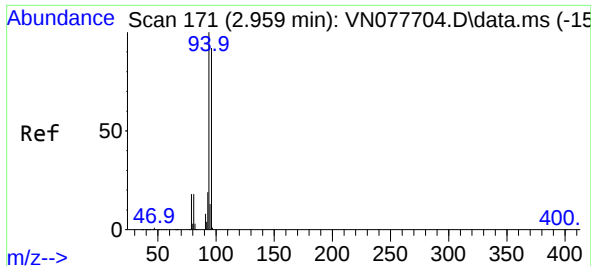
Tgt Ion:168 Resp: 381677
Ion Ratio Lower Upper
168 100
99 62.0 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.012 min
Lab File: VN077788.D
Acq: 22 May 2023 14:41

Tgt Ion: 50 Resp: 1733
Ion Ratio Lower Upper
50 100
52 15.4 26.5 39.7#

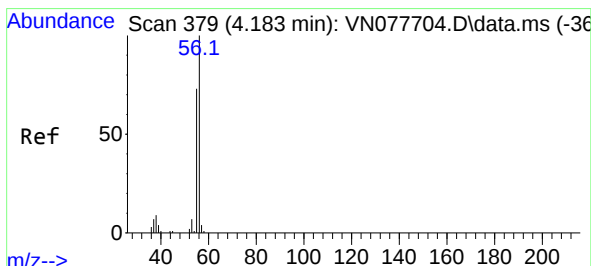
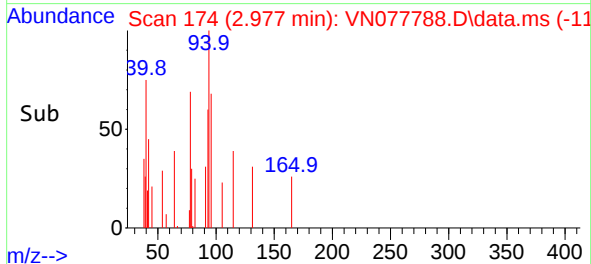
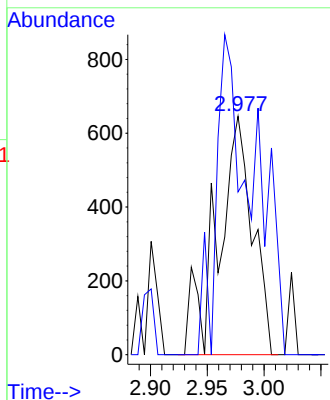
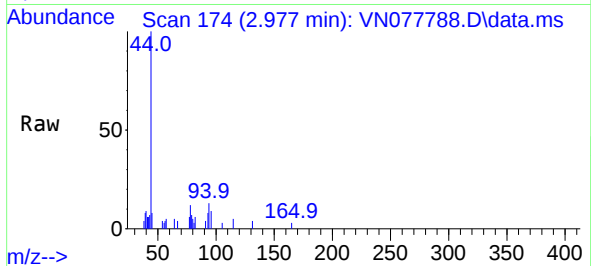




#5
Bromomethane
Concen: 0.341 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN077788.D
Acq: 22 May 2023 14:41

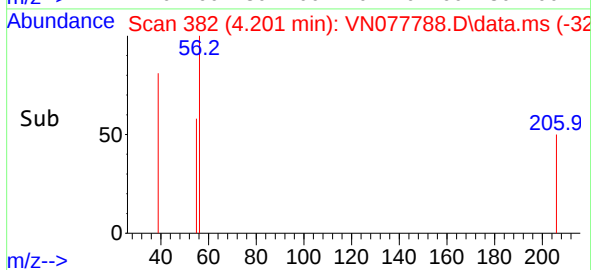
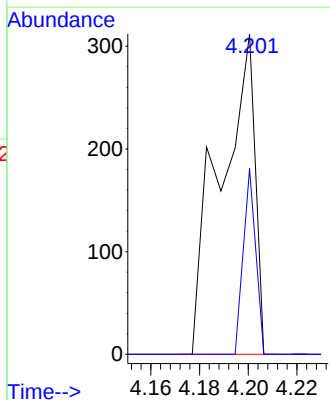
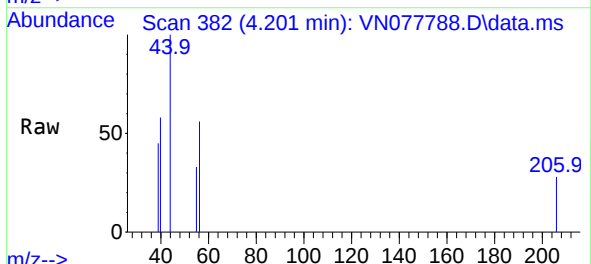
Instrument :
MSVOA_N
ClientSampleId :
EB01-20230519

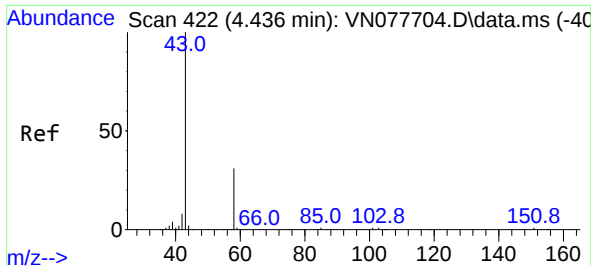
Tgt Ion: 94 Resp: 1382
Ion Ratio Lower Upper
94 100
96 68.3 73.1 109.7#



#13
Acrolein
Concen: Below Cal
RT: 4.201 min Scan# 382
Delta R.T. 0.012 min
Lab File: VN077788.D
Acq: 22 May 2023 14:41

Tgt Ion: 56 Resp: 309
Ion Ratio Lower Upper
56 100
55 20.7 54.5 81.7#

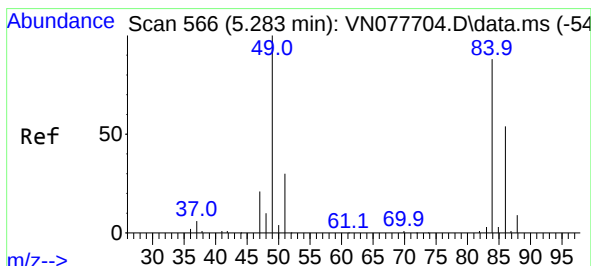
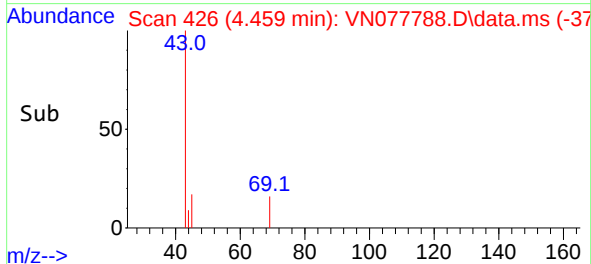
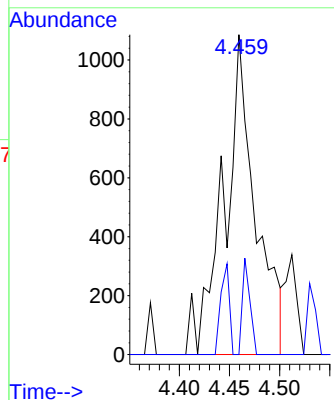
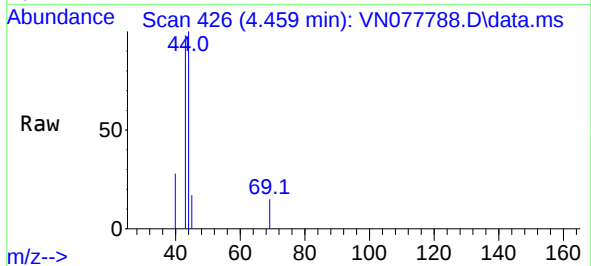




#16
Acetone
Concen: 1.326 ug/l
RT: 4.459 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN077788.D
Acq: 22 May 2023 14:41

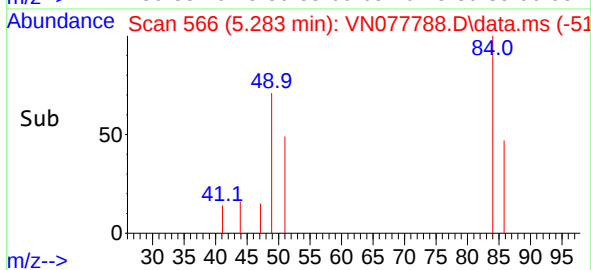
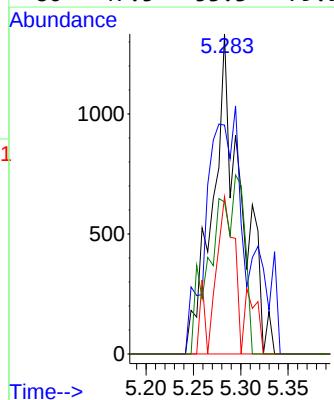
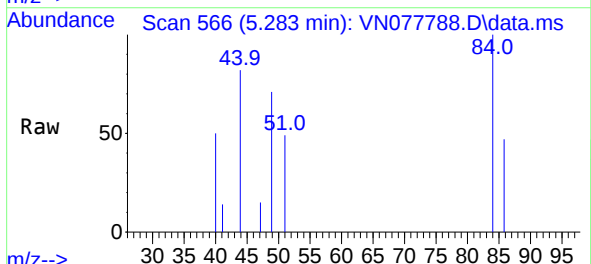
Instrument :
MSVOA_N
ClientSampleId :
EB01-20230519

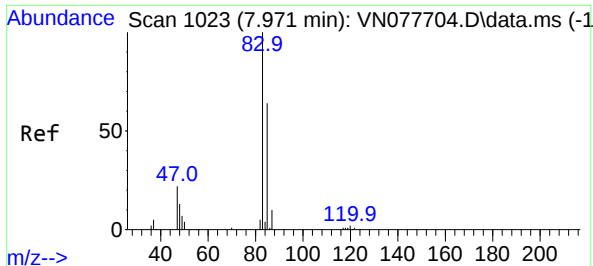
Tgt Ion: 43 Resp: 2382
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077788.D
Acq: 22 May 2023 14:41

Tgt Ion: 84 Resp: 2803
Ion Ratio Lower Upper
84 100
49 71.5 79.7 119.5#
51 49.1 25.2 37.8#
86 47.5 53.3 79.9#





#30

Chloroform

Concen: 1.325 ug/l

RT: 7.977 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN077788.D

Acq: 22 May 2023 14:41

Instrument :

MSVOA_N

ClientSampleId :

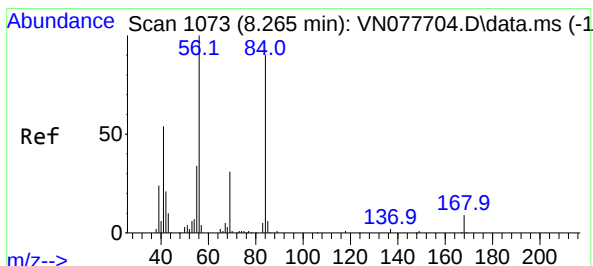
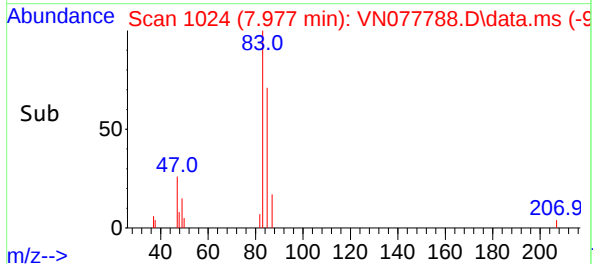
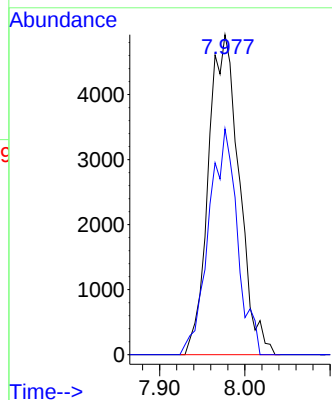
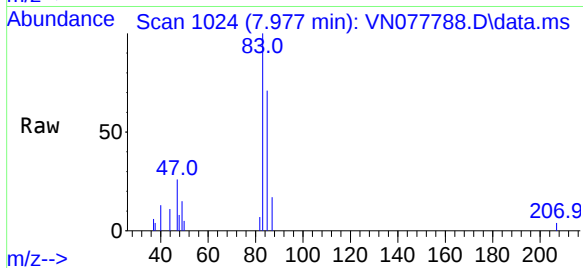
EB01-20230519

Tgt Ion: 83 Resp: 12342

Ion Ratio Lower Upper

83 100

85 70.5 55.4 83.0



#31

Cyclohexane

Concen: 1.100 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.035 min

Lab File: VN077788.D

Acq: 22 May 2023 14:41

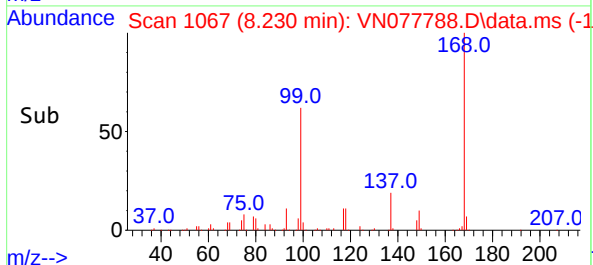
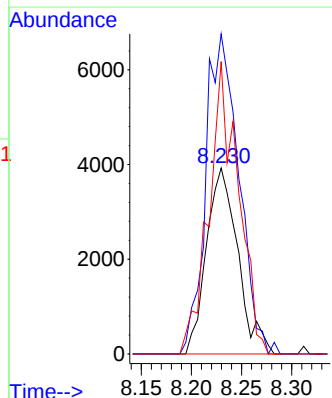
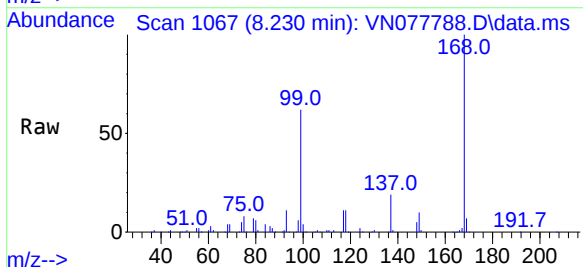
Tgt Ion: 56 Resp: 8535

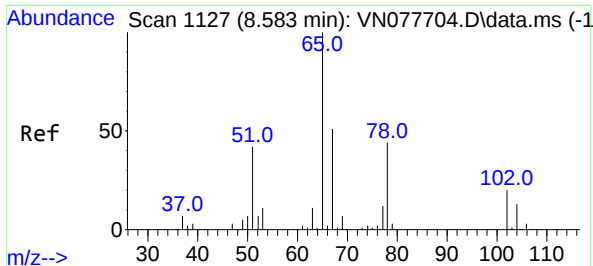
Ion Ratio Lower Upper

56 100

69 172.1 26.8 40.2#

84 157.2 81.8 122.6#

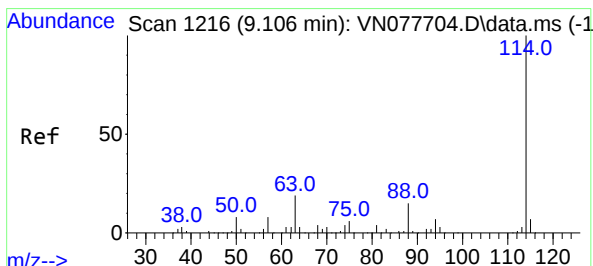
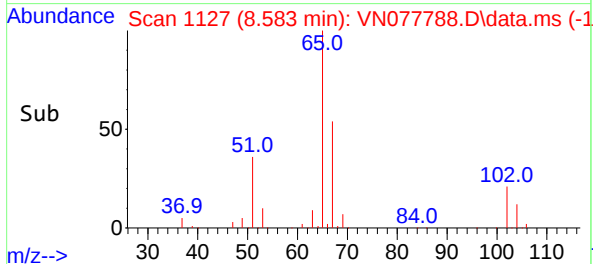
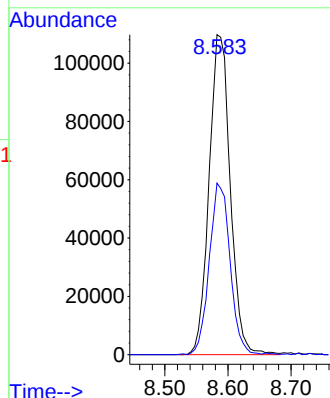
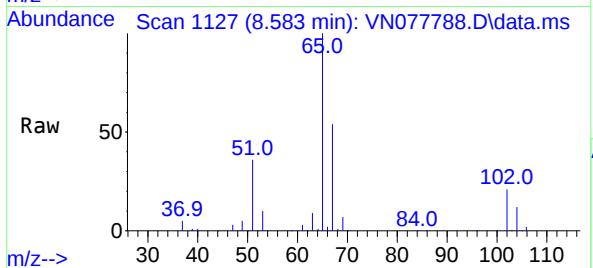




#33
1,2-Dichloroethane-d4
Concen: 44.796 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN077788.D
Acq: 22 May 2023 14:41

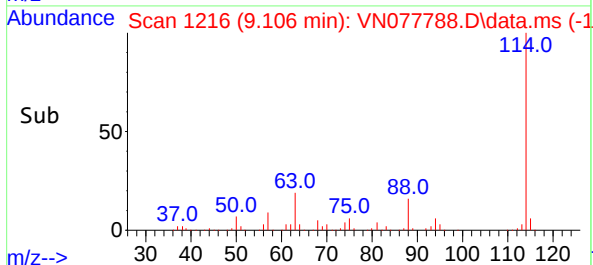
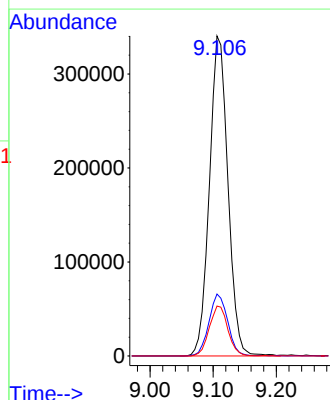
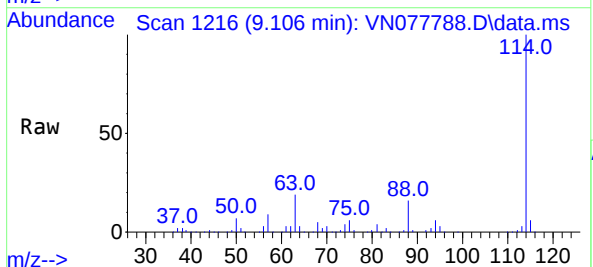
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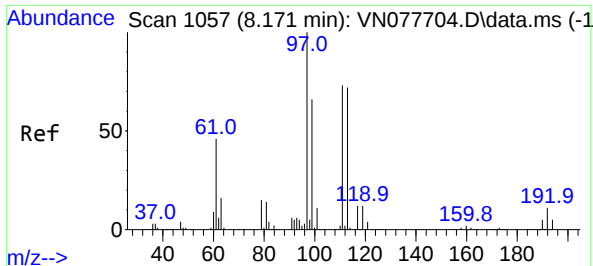
Tgt Ion: 65 Resp: 255825
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN077788.D
Acq: 22 May 2023 14:41

Tgt Ion: 114 Resp: 692942
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.4
88 15.6 0.0 30.6

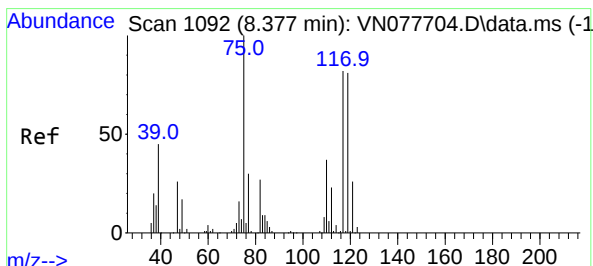
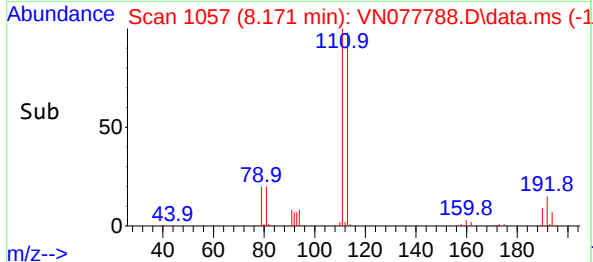
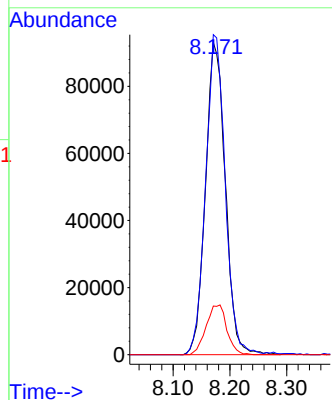
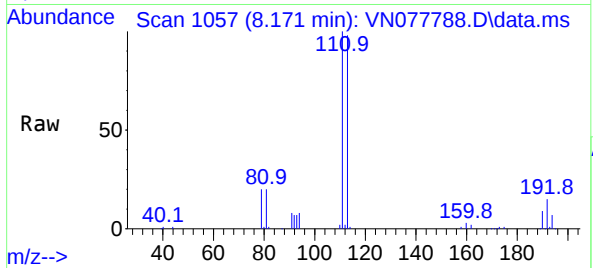




#35
Dibromofluoromethane
Concen: 49.821 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077788.D
Acq: 22 May 2023 14:41

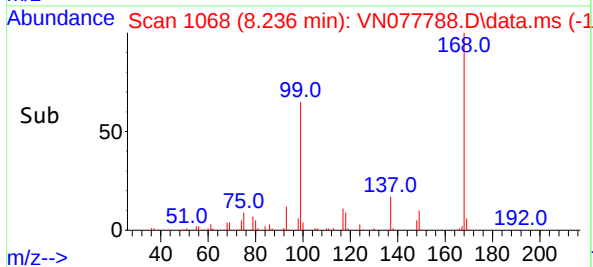
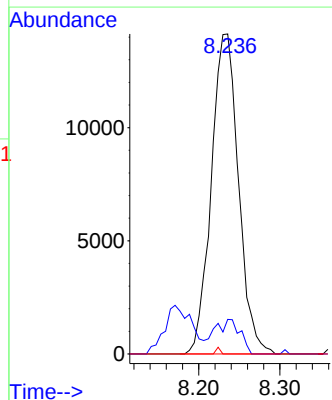
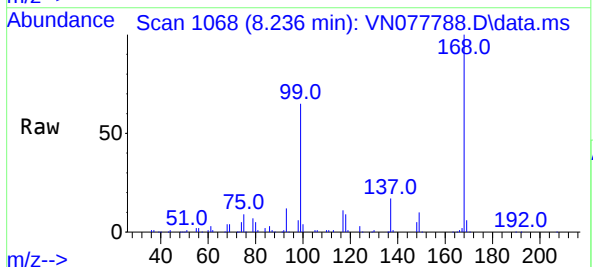
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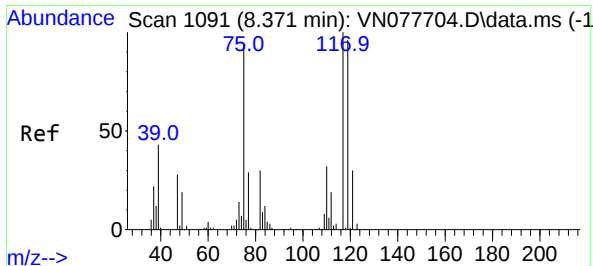
Tgt Ion:113 Resp: 225121
Ion Ratio Lower Upper
113 100
111 101.1 82.6 123.8
192 16.6 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.981 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN077788.D
Acq: 22 May 2023 14:41

Tgt Ion: 75 Resp: 32919
Ion Ratio Lower Upper
75 100
110 10.2 19.1 57.3#
77 0.3 25.0 37.4#

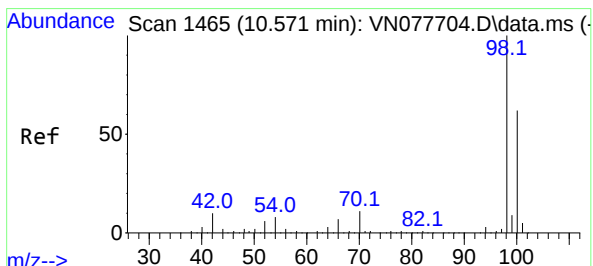
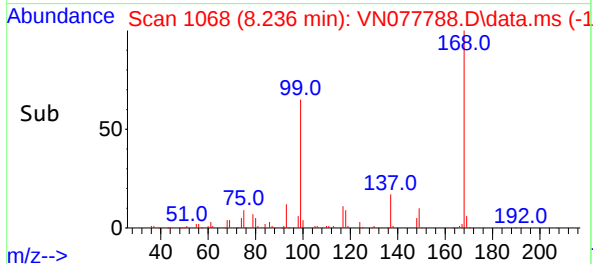
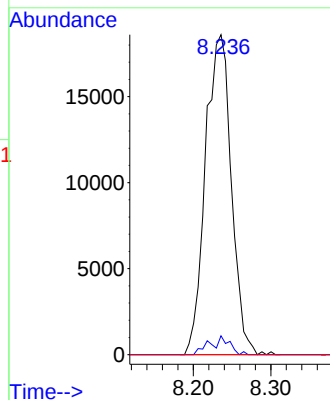
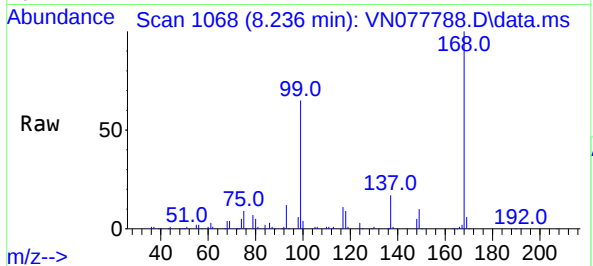




#38
Carbon Tetrachloride
Concen: 6.473 ug/l
RT: 8.236 min Scan# 1091
Delta R.T. -0.135 min
Lab File: VN077788.D
Acq: 22 May 2023 14:41

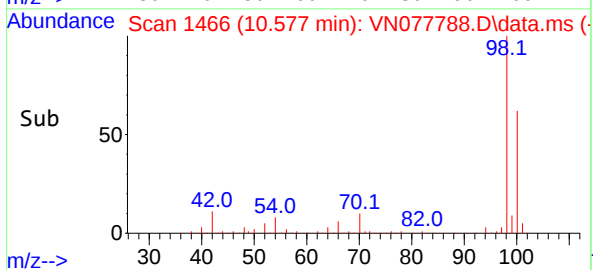
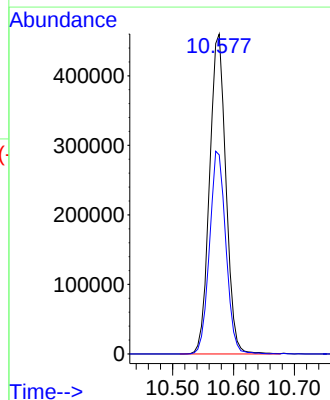
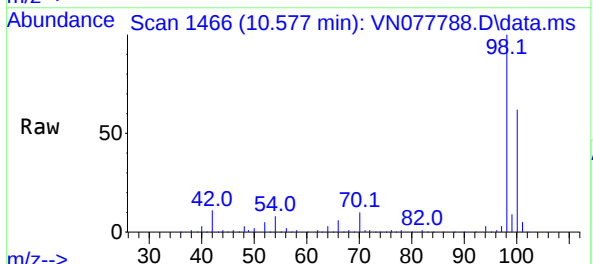
Instrument :
MSVOA_N
ClientSampleId :
EB01-20230519

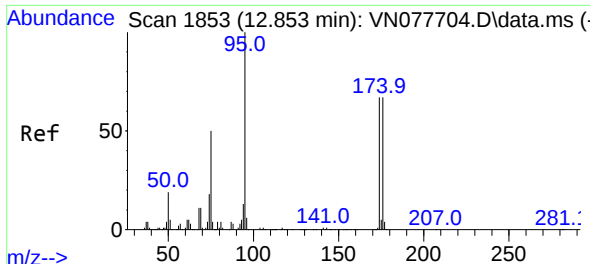
Tgt Ion:117 Resp: 43201
Ion Ratio Lower Upper
117 100
119 5.9 77.3 115.9#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 49.414 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077788.D
Acq: 22 May 2023 14:41

Tgt Ion: 98 Resp: 859436
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0

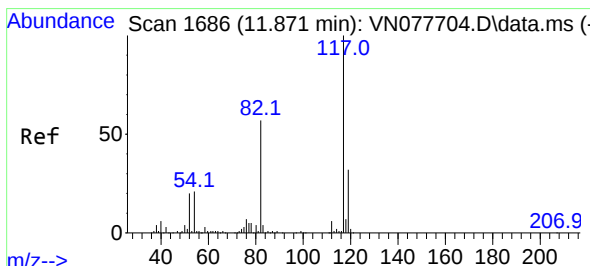
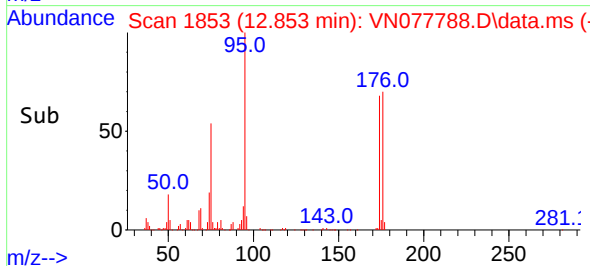
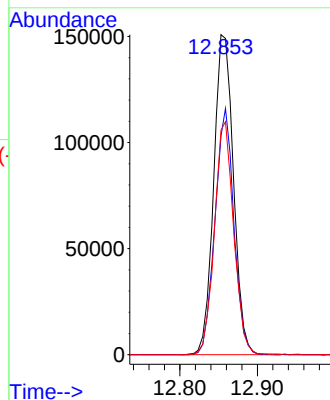
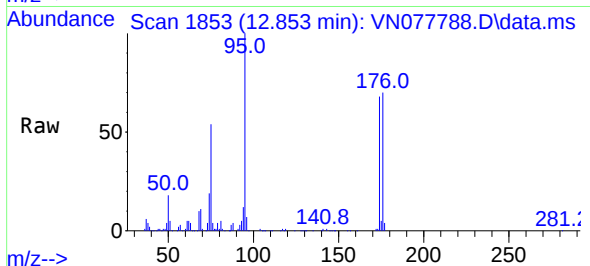




#62
4-Bromofluorobenzene
Concen: 43.490 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077788.D
Acq: 22 May 2023 14:41

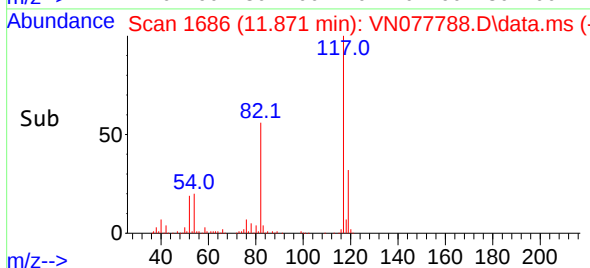
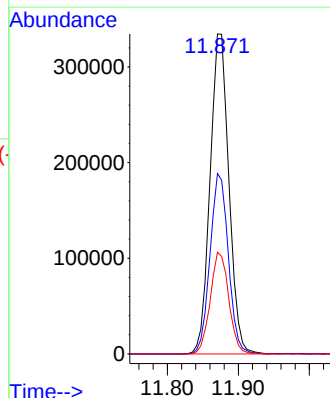
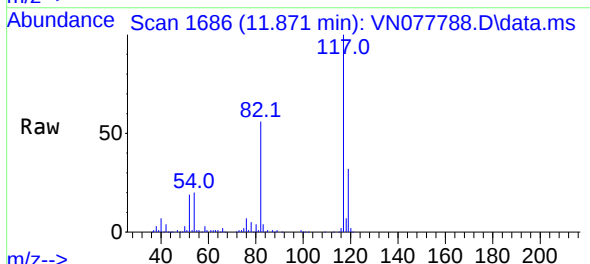
Instrument :
MSVOA_N
ClientSampleId :
EB01-20230519

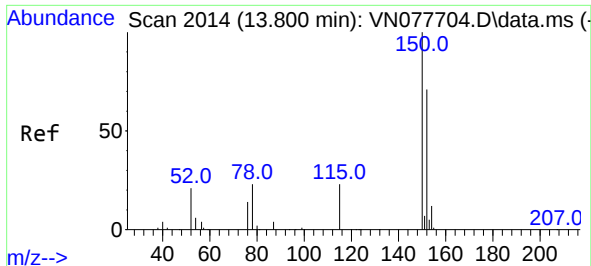
Tgt Ion: 95 Resp: 267145
Ion Ratio Lower Upper
95 100
174 73.7 0.0 143.8
176 70.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077788.D
Acq: 22 May 2023 14:41

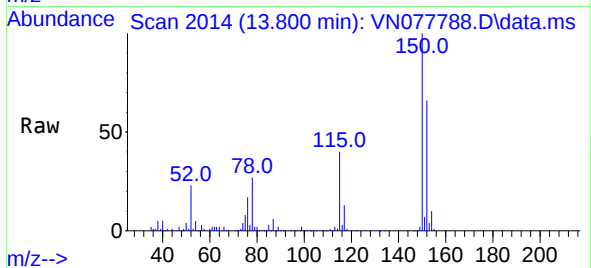
Tgt Ion: 117 Resp: 615336
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 31.8 25.6 38.4



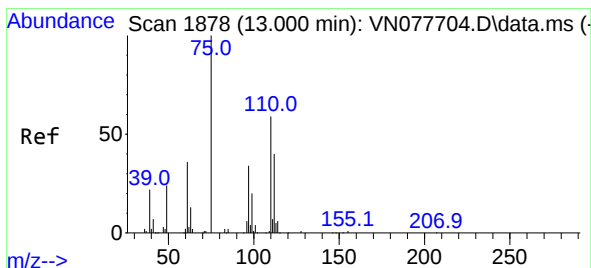
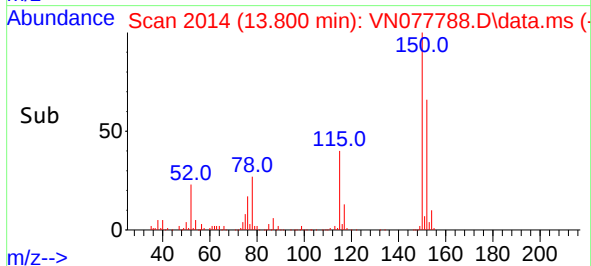
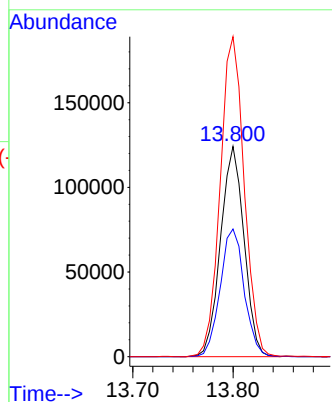


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077788.D
Acq: 22 May 2023 14:41

Instrument :
MSVOA_N
ClientSampleId :
EB01-20230519

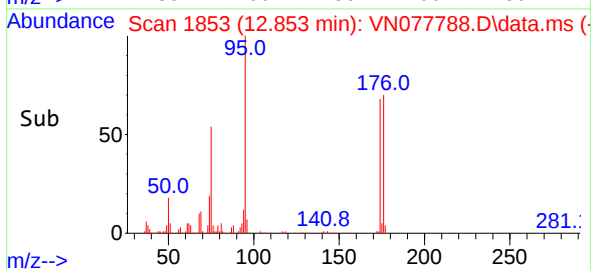
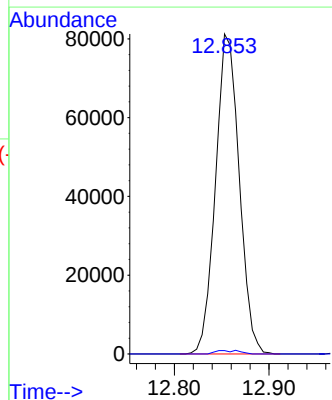
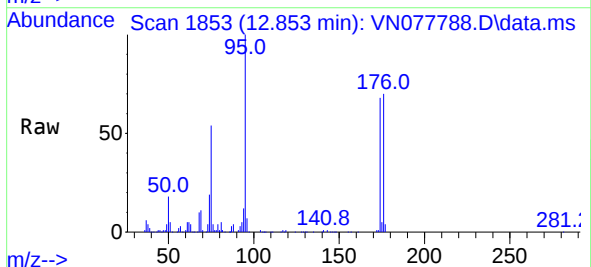


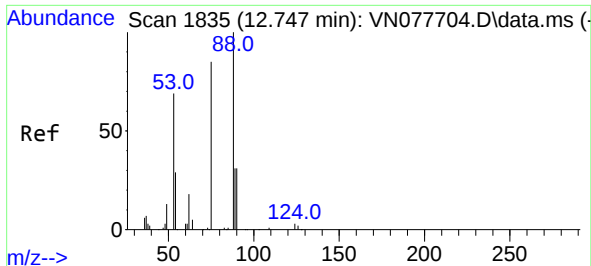
Tgt Ion:152 Resp: 201844
Ion Ratio Lower Upper
152 100
115 62.3 32.3 96.8
150 155.9 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 27.960 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077788.D
Acq: 22 May 2023 14:41

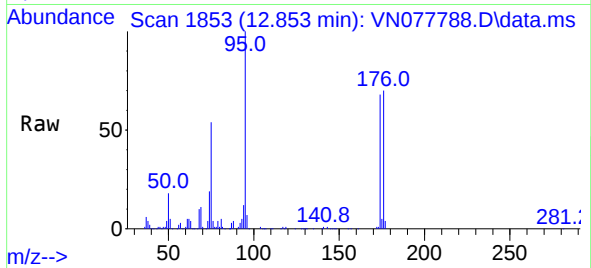
Tgt Ion: 75 Resp: 141335
Ion Ratio Lower Upper
75 100
77 1.1 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.375 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN077788.D
 Acq: 22 May 2023 14:41

Instrument :
 MSVOA_N
 ClientSampleId :
 EB01-20230519



Tgt Ion: 75 Resp: 141335
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

