

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091123\
 Data File : VN079223.D
 Acq On : 11 Sep 2023 17:53
 Operator : JC\MD
 Sample : VN0911MBL02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 12 05:20:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

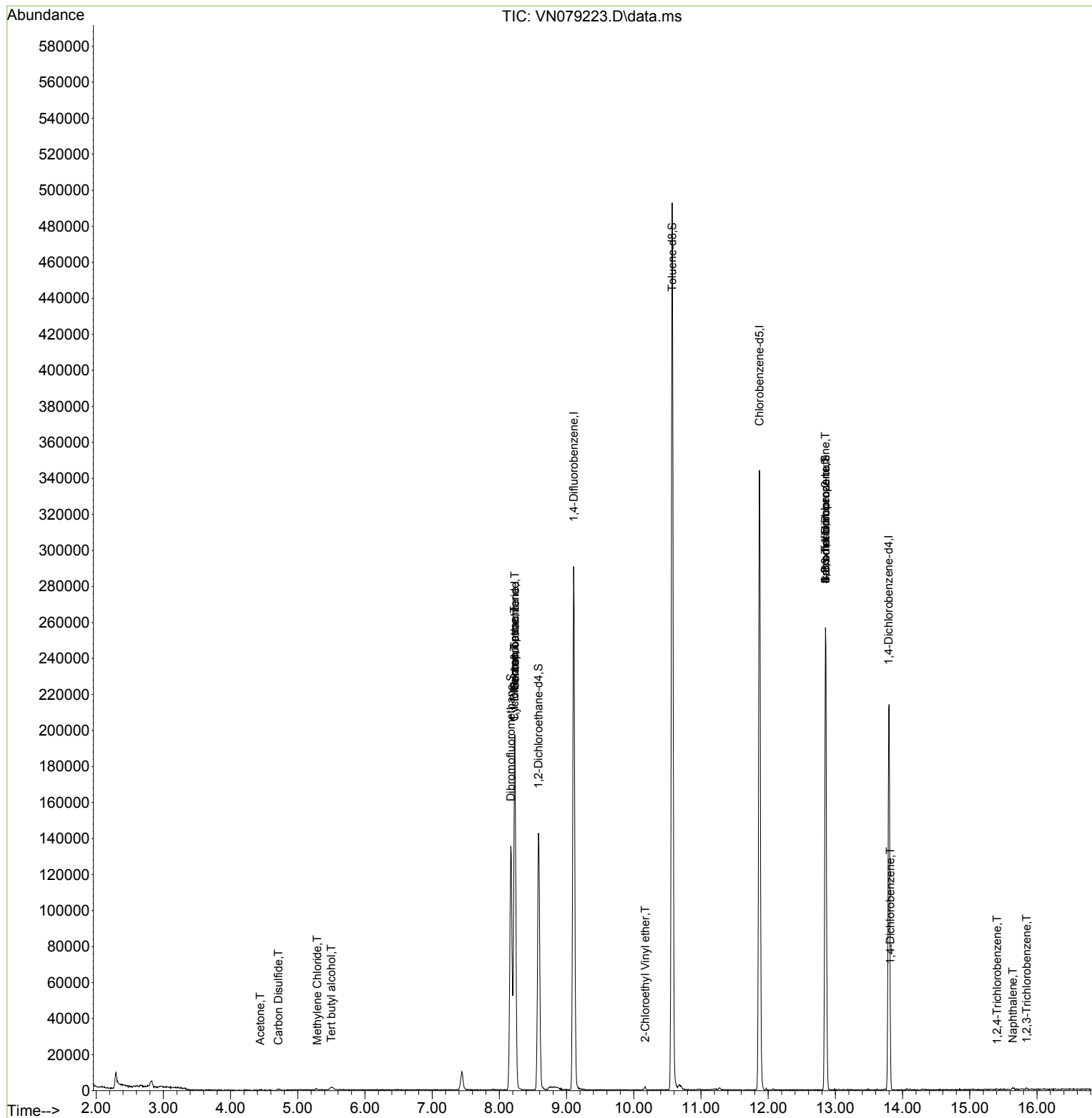
Internal Standards						
1) Pentafluorobenzene	8.230	168	146533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	253918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	214971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	62082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	117961	59.635	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.260%
35) Dibromofluoromethane	8.171	113	99947	59.175	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	118.340%
50) Toluene-d8	10.571	98	348222	56.148	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	112.300%
62) 4-Bromofluorobenzene	12.853	95	93458	47.243	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.480%
Target Compounds						
					Qvalue	
6) Chloroethane	3.089	64	161	Below Cal	#	43
11) Tert butyl alcohol	5.500	59	1106	3.029	ug/l #	72
16) Acetone	4.442	43	207	0.246	ug/l #	40
17) Carbon Disulfide	4.712	76	1153	0.236	ug/l #	75
20) Methylene Chloride	5.289	84	452	0.221	ug/l #	13
31) Cyclohexane	8.224	56	2977	1.031	ug/l #	23
36) 1,1-Dichloropropene	8.224	75	11475	4.408	ug/l #	47
38) Carbon Tetrachloride	8.230	117	14650	5.438	ug/l #	16
58) 2-Chloroethyl Vinyl ether	10.171	63	1014	0.283	ug/l #	53
71) Bromoform	12.853	173	502	0.372	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	47851	28.599	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	47851	78.624	ug/l #	15
88) 1,4-Dichlorobenzene	13.817	146	579	0.244	ug/l #	64
93) 1,2,4-Trichlorobenzene	15.406	180	300	0.360	ug/l #	59
95) Naphthalene	15.641	128	1577	0.638	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.847	180	411	0.419	ug/l #	70

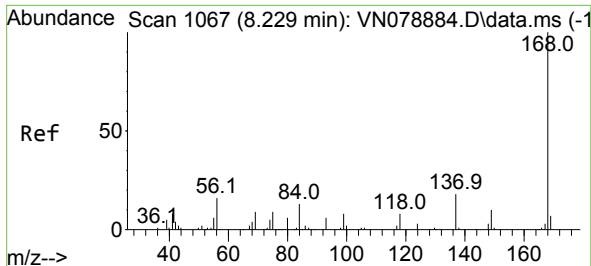
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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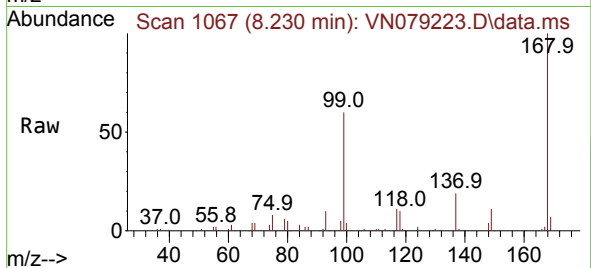
Quant Time: Sep 12 05:20:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration



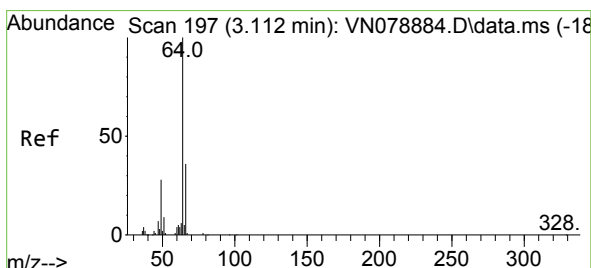
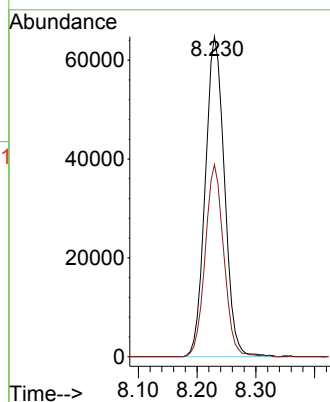
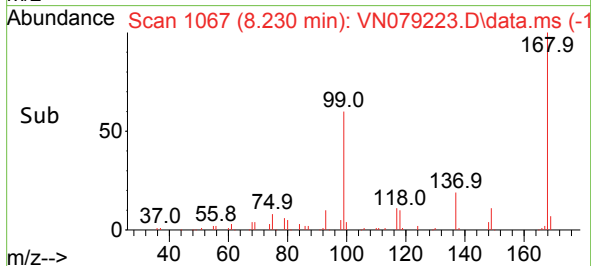


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN079223.D
Acq: 11 Sep 2023 17:53

Instrument :
MSVOA_N
ClientSampleId :

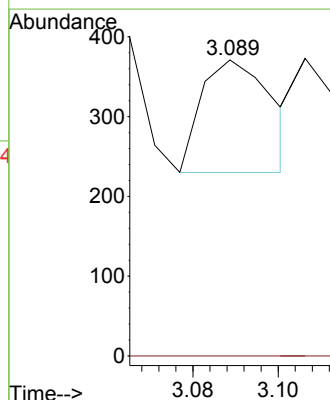
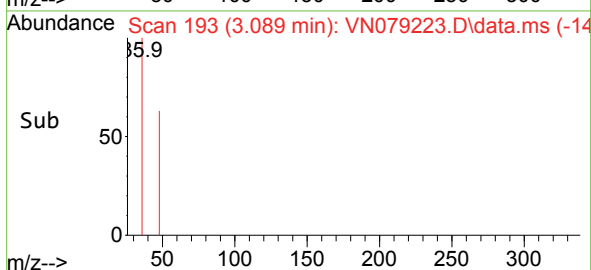
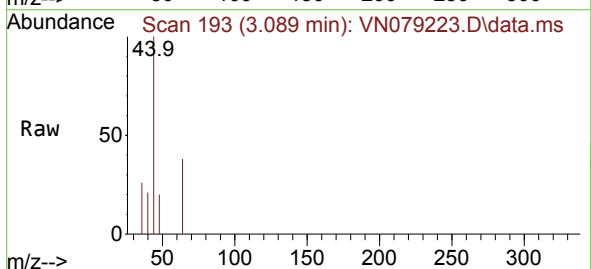


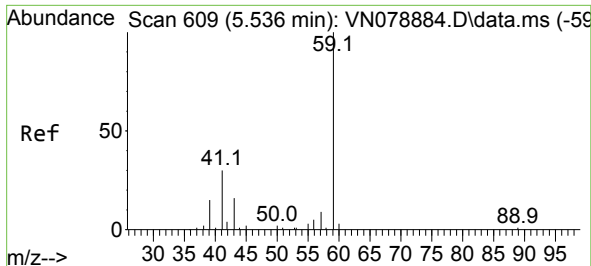
Tgt Ion:168 Resp: 146533
Ion Ratio Lower Upper
168 100
99 60.0 53.0 79.6



#6
Chloroethane
Concen: Below Cal
RT: 3.089 min Scan# 193
Delta R.T. -0.029 min
Lab File: VN079223.D
Acq: 11 Sep 2023 17:53

Tgt Ion: 64 Resp: 161
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

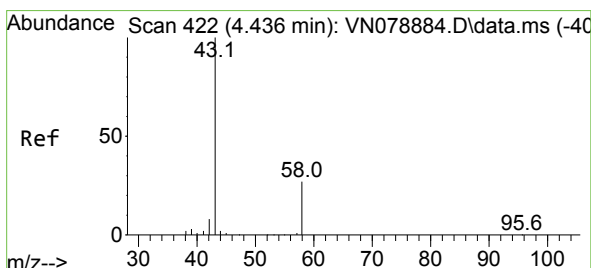
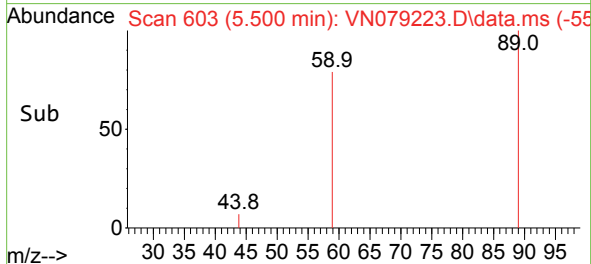
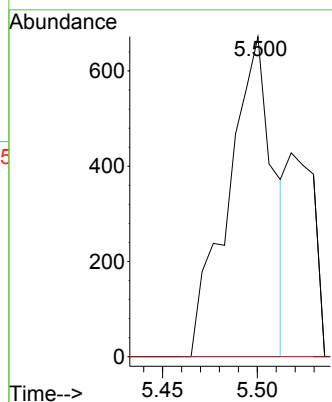
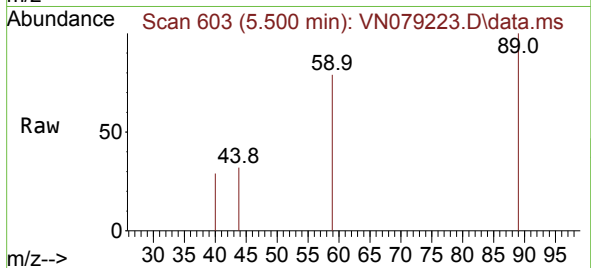




#11
Tert butyl alcohol
Concen: 3.029 ug/l
RT: 5.500 min Scan# 609
Delta R.T. -0.042 min
Lab File: VN079223.D
Acq: 11 Sep 2023 17:53

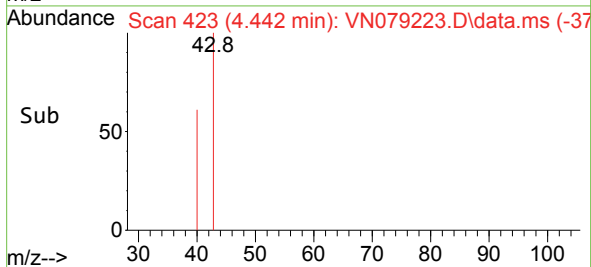
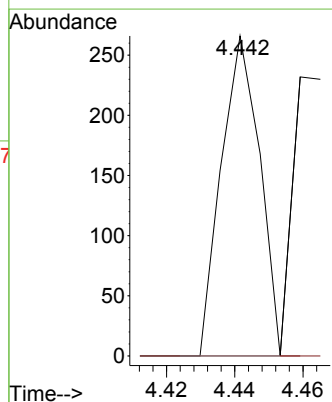
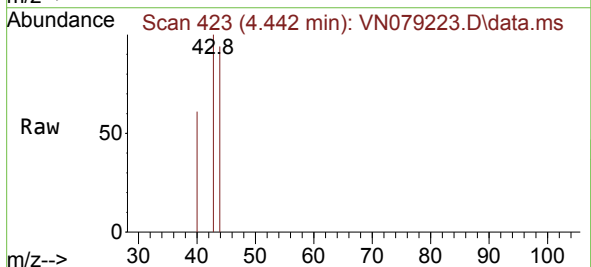
Instrument :
MSVOA_N
ClientSampleId :

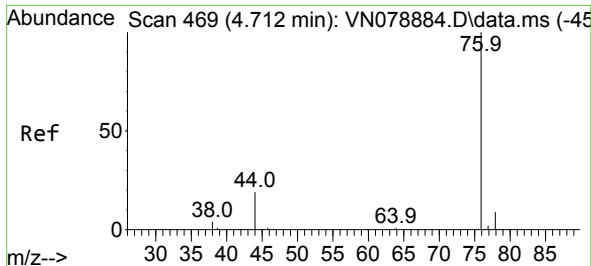
Tgt Ion: 59 Resp: 1106
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 0.246 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079223.D
Acq: 11 Sep 2023 17:53

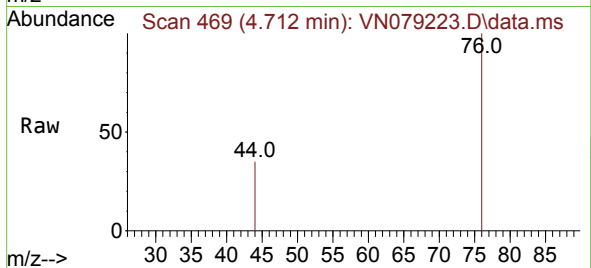
Tgt Ion: 43 Resp: 207
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



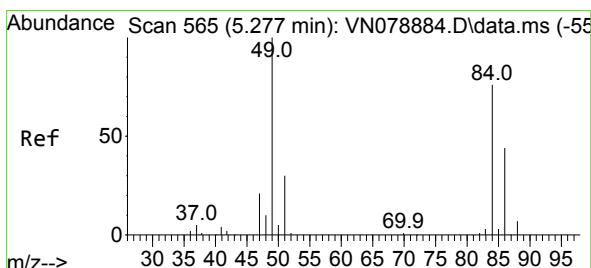
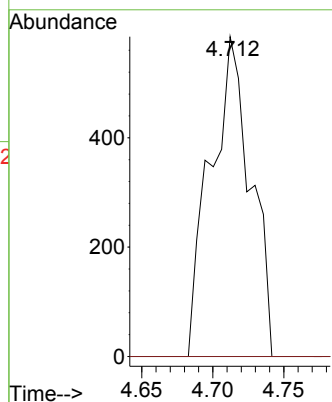
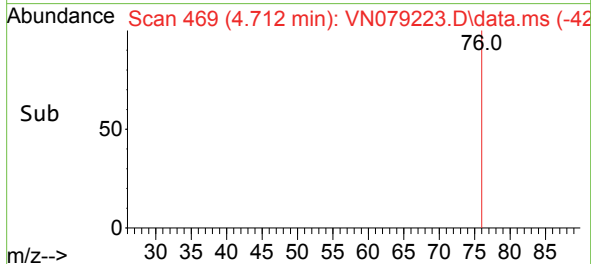


#17
Carbon Disulfide
Concen: 0.236 ug/l
RT: 4.712 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN079223.D
Acq: 11 Sep 2023 17:53

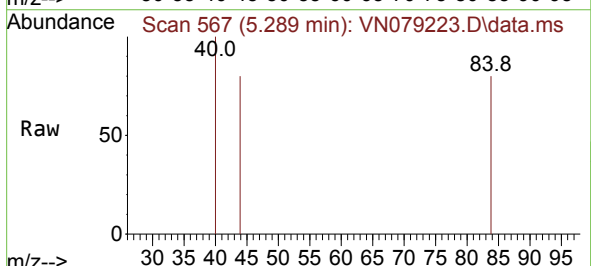
Instrument :
MSVOA_N
ClientSampleId :



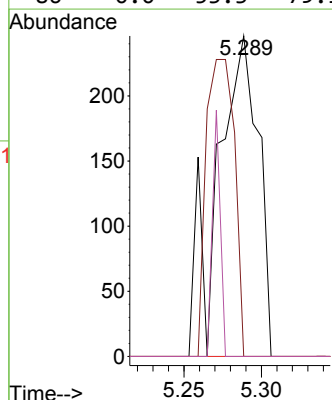
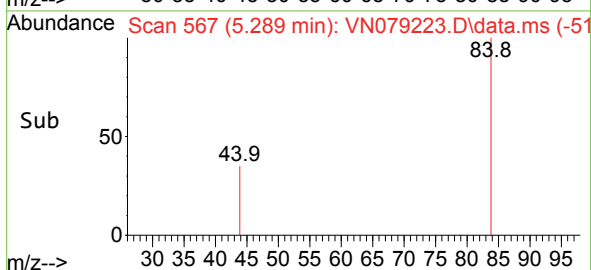
Tgt Ion: 76 Resp: 1153
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

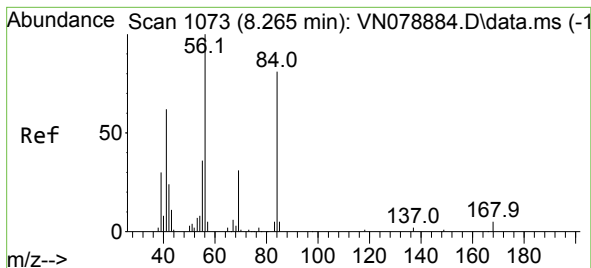


#20
Methylene Chloride
Concen: 0.221 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN079223.D
Acq: 11 Sep 2023 17:53



Tgt Ion: 84 Resp: 452
Ion Ratio Lower Upper
84 100
49 0.0 79.7 119.5#
51 0.0 25.2 37.8#
86 0.0 53.3 79.9#





#31

Cyclohexane

Concen: 1.031 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.041 min

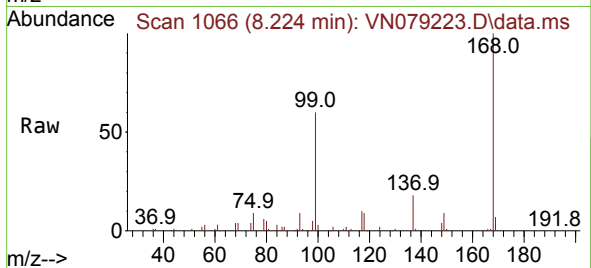
Lab File: VN079223.D

Acq: 11 Sep 2023 17:53

Instrument :

MSVOA_N

ClientSampleId :



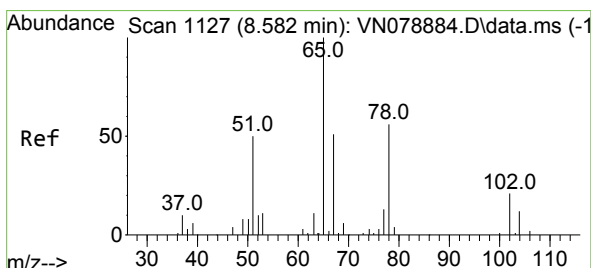
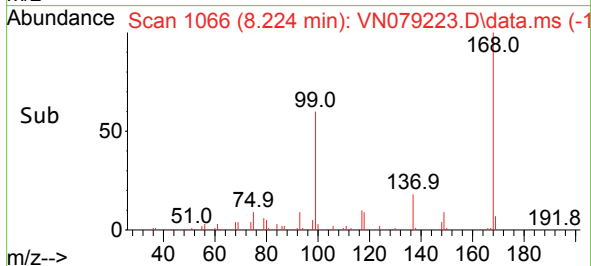
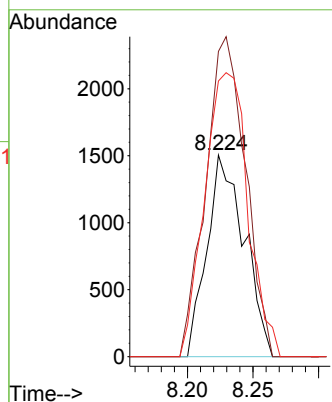
Tgt Ion: 56 Resp: 2977

Ion Ratio Lower Upper

56 100

69 151.4 26.8 40.2#

84 136.7 81.8 122.6#



#33

1,2-Dichloroethane-d4

Concen: 59.635 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079223.D

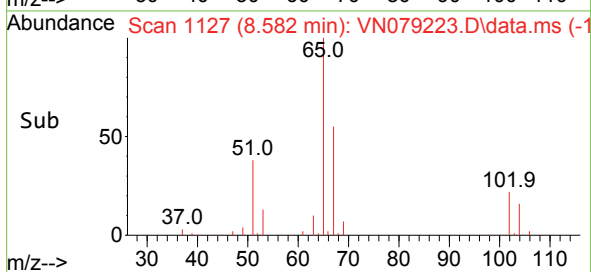
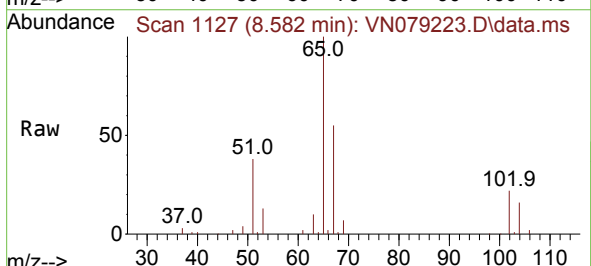
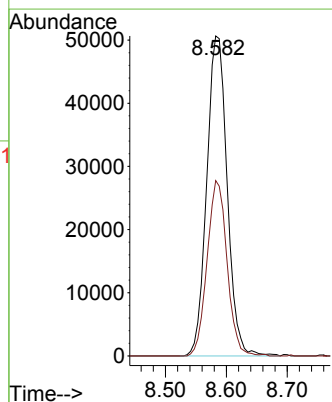
Acq: 11 Sep 2023 17:53

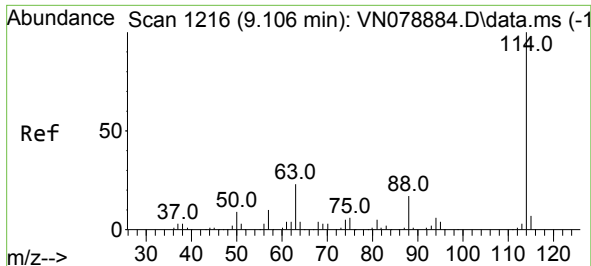
Tgt Ion: 65 Resp: 117961

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079223.D

Acq: 11 Sep 2023 17:53

Instrument :

MSVOA_N

ClientSampleId :

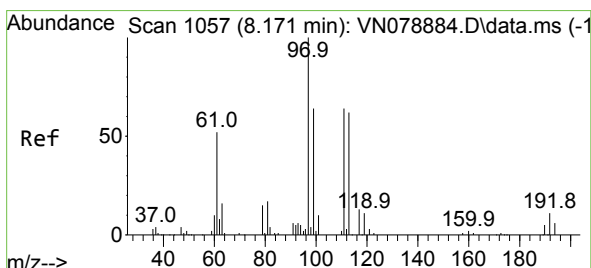
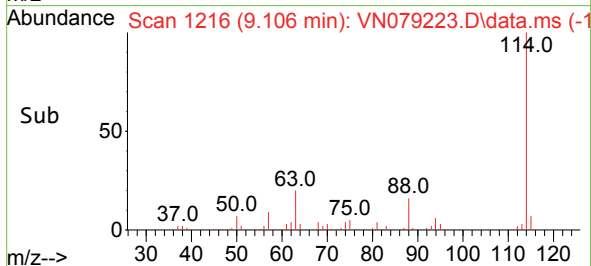
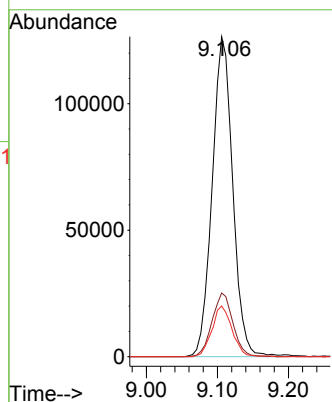
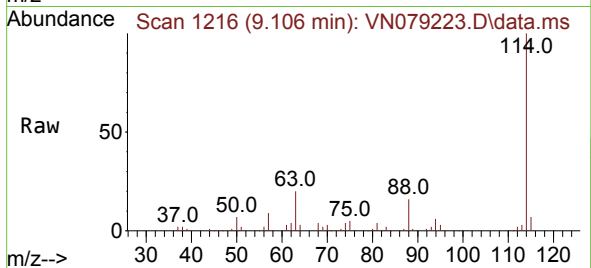
Tgt Ion:114 Resp: 253918

Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 59.175 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079223.D

Acq: 11 Sep 2023 17:53

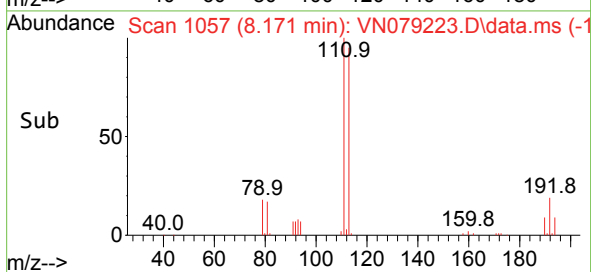
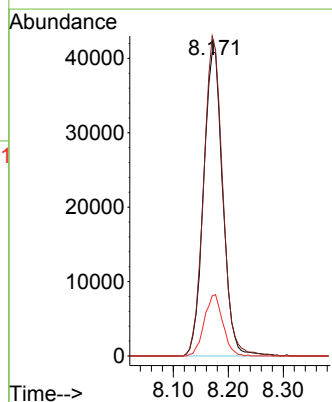
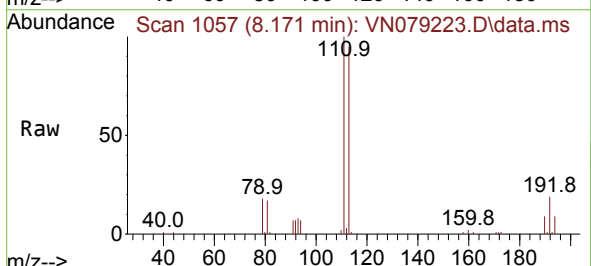
Tgt Ion:113 Resp: 99947

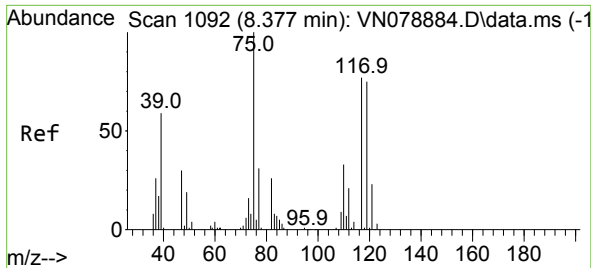
Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 19.4 12.7 19.1#

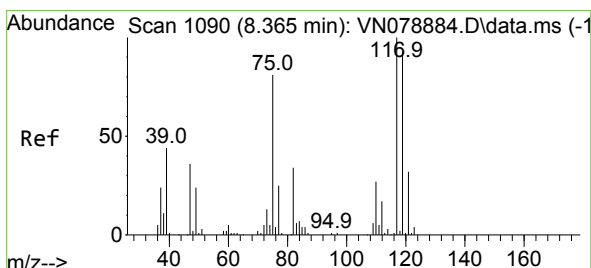
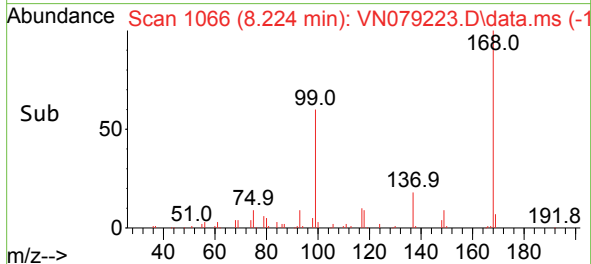
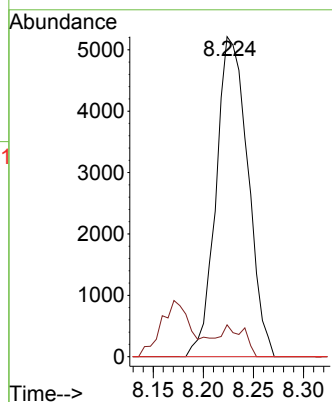
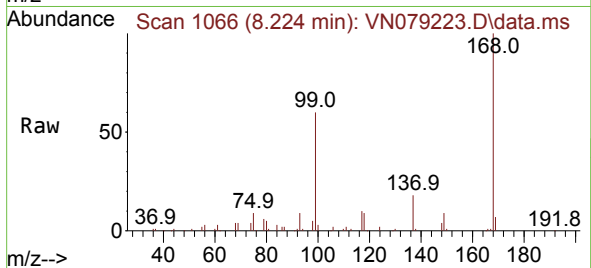




#36
1,1-Dichloropropene
Concen: 4.408 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN079223.D
Acq: 11 Sep 2023 17:53

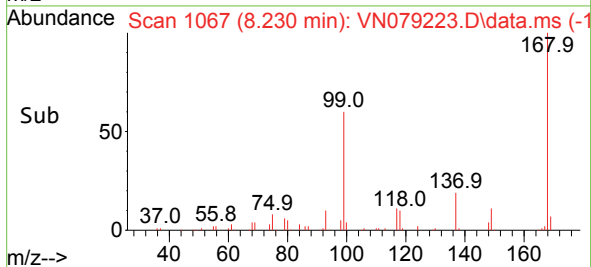
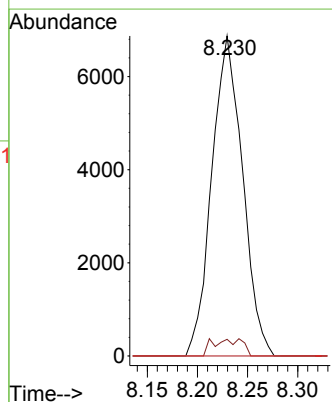
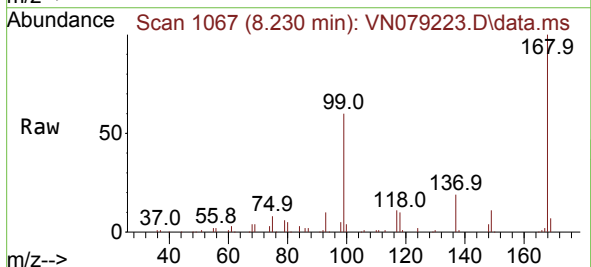
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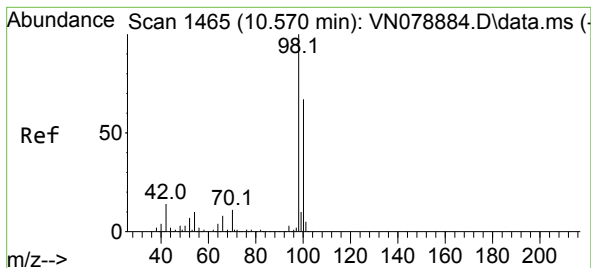
Tgt Ion: 75 Resp: 11475
Ion Ratio Lower Upper
75 100
110 7.9 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.438 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN079223.D
Acq: 11 Sep 2023 17:53

Tgt Ion: 117 Resp: 14650
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 23.3 34.9#

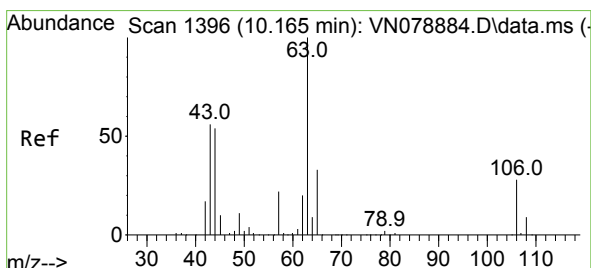
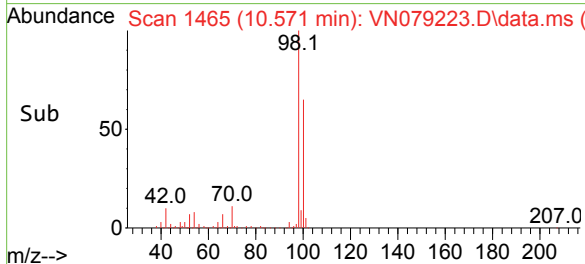
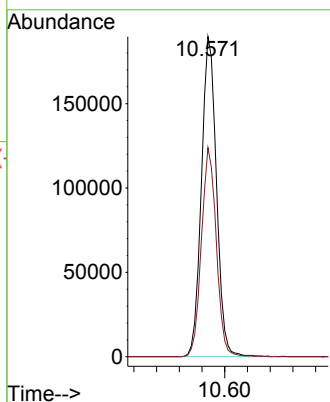
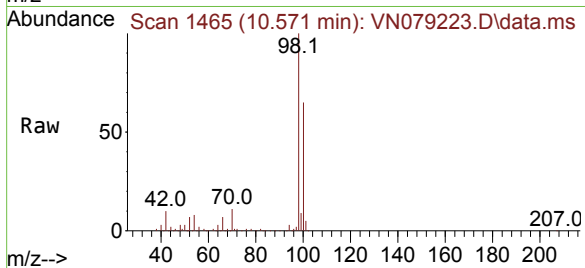




#50
Toluene-d8
Concen: 56.148 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079223.D
Acq: 11 Sep 2023 17:53

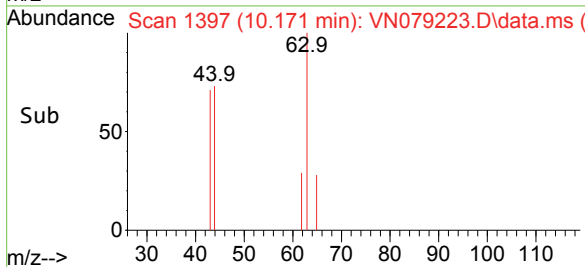
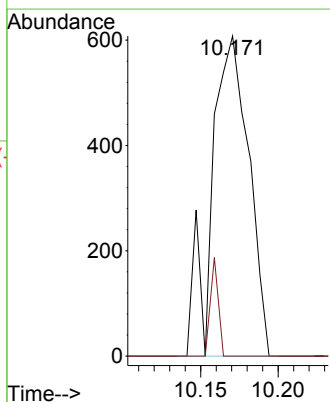
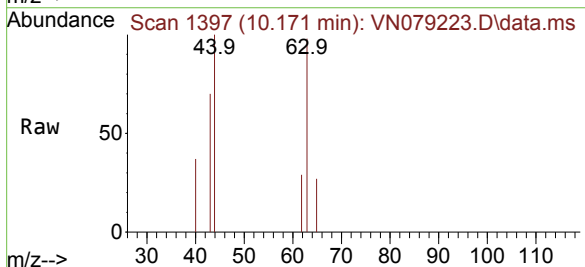
Instrument :
MSVOA_N
ClientSampleId :

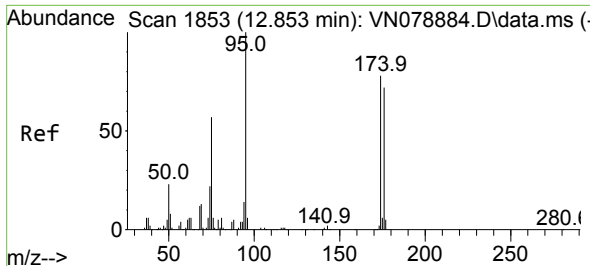
Tgt Ion: 98 Resp: 348222
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#58
2-Chloroethyl Vinyl ether
Concen: 0.283 ug/l
RT: 10.171 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VN079223.D
Acq: 11 Sep 2023 17:53

Tgt Ion: 63 Resp: 1014
Ion Ratio Lower Upper
63 100
106 6.5 26.2 39.4#

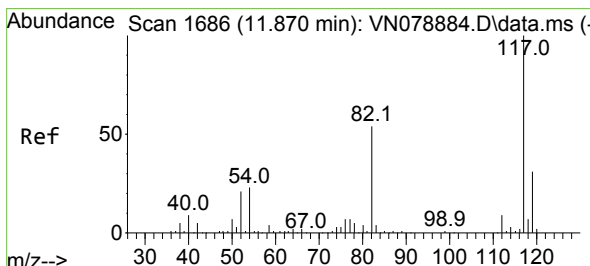
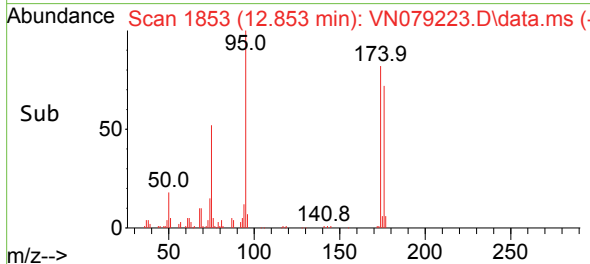
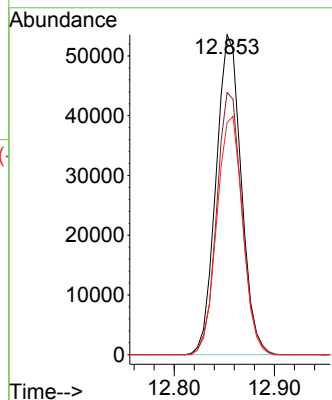
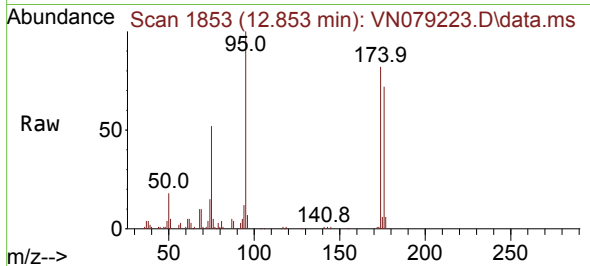




#62
4-Bromofluorobenzene
Concen: 47.243 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079223.D
Acq: 11 Sep 2023 17:53

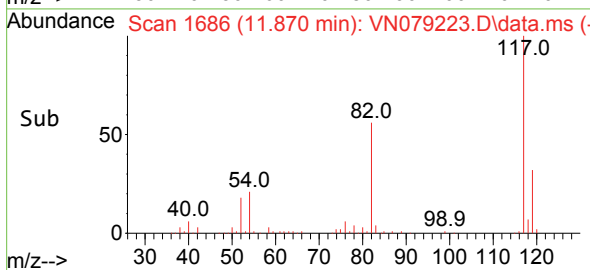
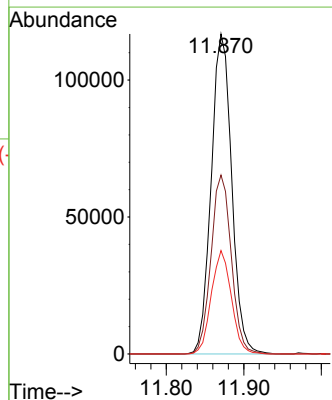
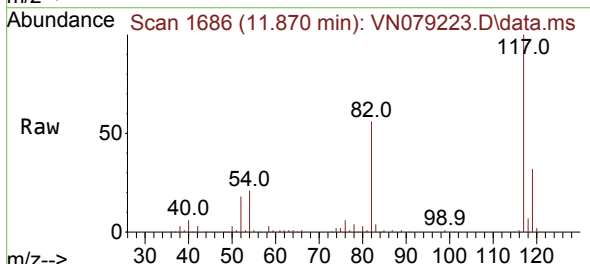
Instrument :
MSVOA_N
ClientSampleId :

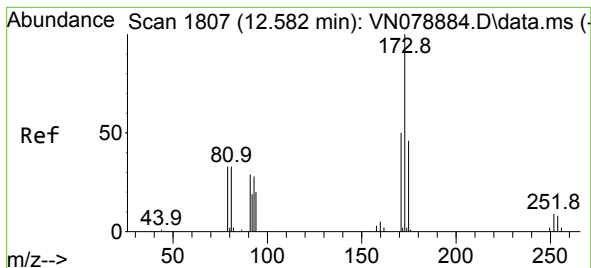
Tgt Ion: 95 Resp: 93458
Ion Ratio Lower Upper
95 100
174 82.7 0.0 143.8
176 76.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079223.D
Acq: 11 Sep 2023 17:53

Tgt Ion: 117 Resp: 214971
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 32.3 25.6 38.4





#71

Bromoform

Concen: 0.372 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.271 min

Lab File: VN079223.D

Acq: 11 Sep 2023 17:53

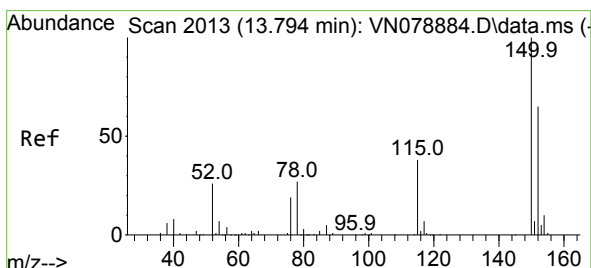
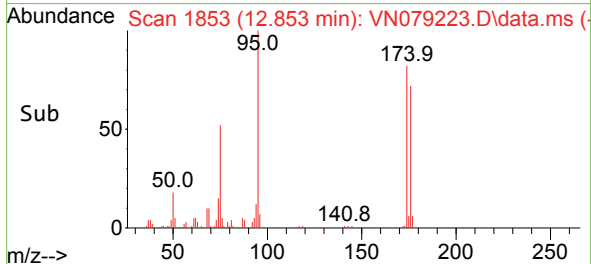
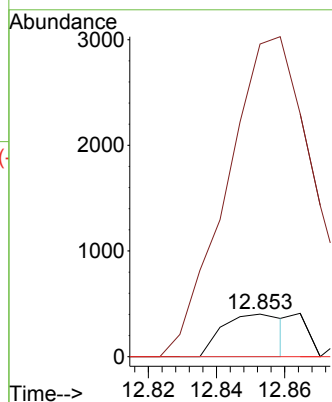
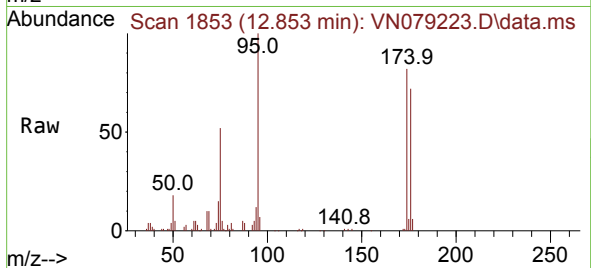
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 502

Ion	Ratio	Lower	Upper
173	100		
175	0.0	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

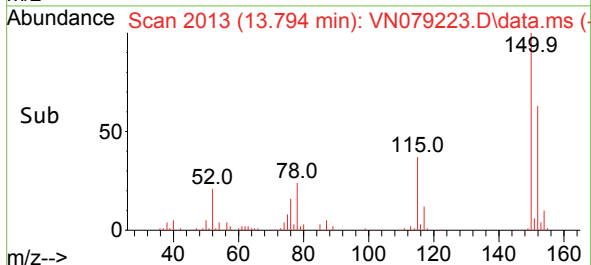
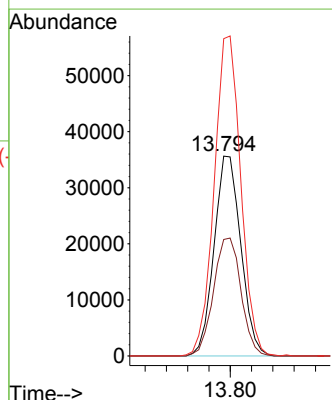
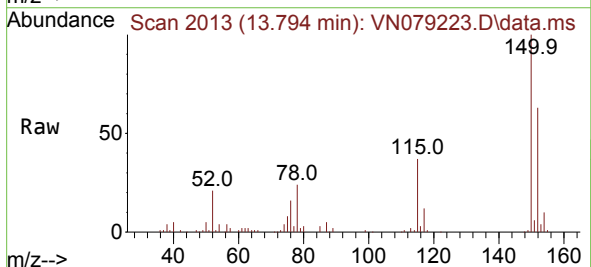
Delta R.T. -0.000 min

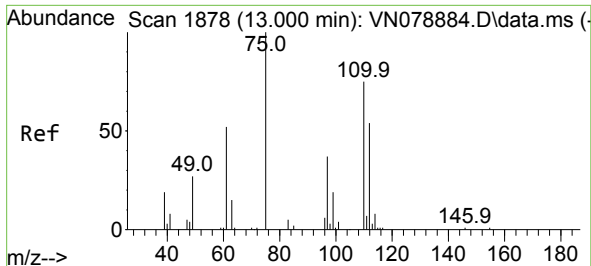
Lab File: VN079223.D

Acq: 11 Sep 2023 17:53

Tgt Ion:152 Resp: 62082

Ion	Ratio	Lower	Upper
152	100		
115	60.6	32.3	96.8
150	159.0	0.0	355.8

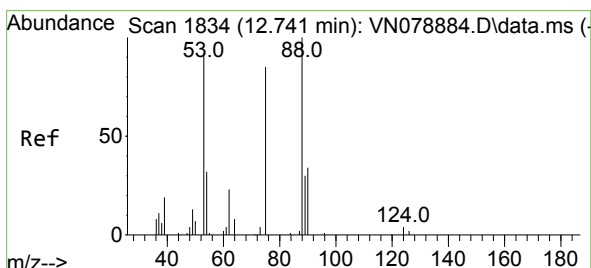
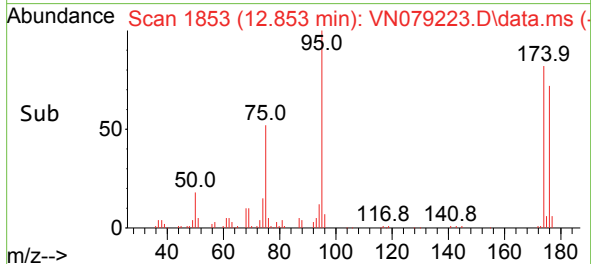
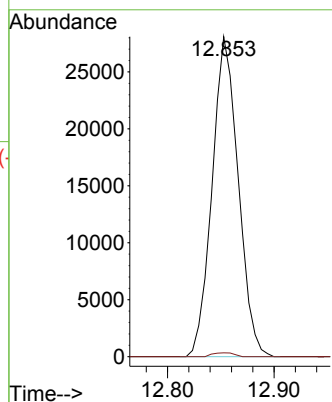
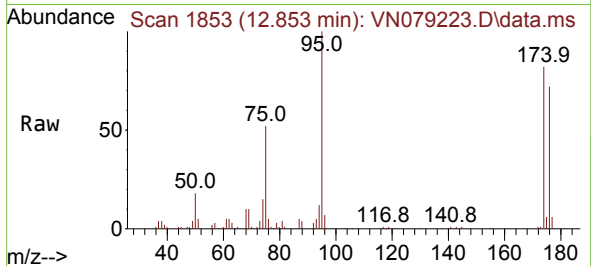




#76
1,2,3-Trichloropropane
Concen: 28.599 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN079223.D
Acq: 11 Sep 2023 17:53

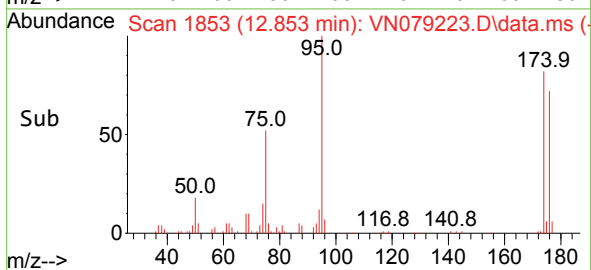
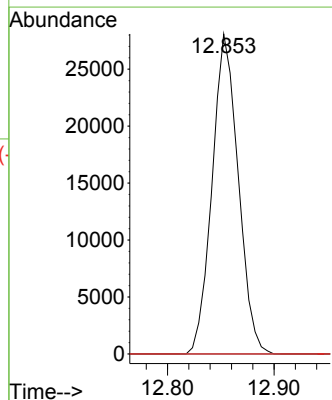
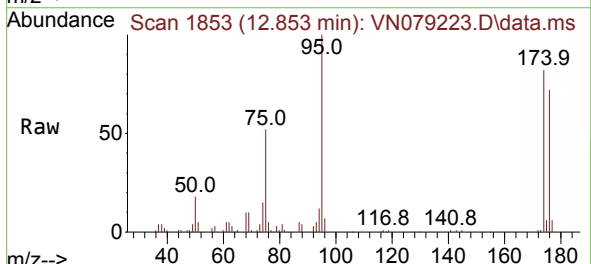
Instrument :
MSVOA_N
ClientSampleId :

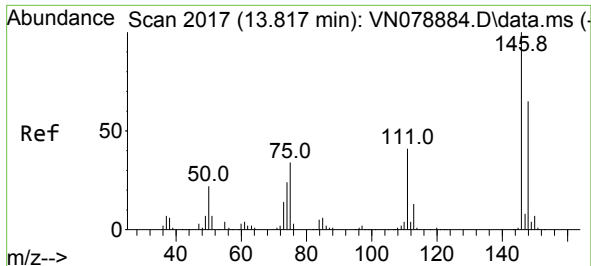
Tgt Ion: 75 Resp: 47851
Ion Ratio Lower Upper
75 100
77 1.0 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.624 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079223.D
Acq: 11 Sep 2023 17:53

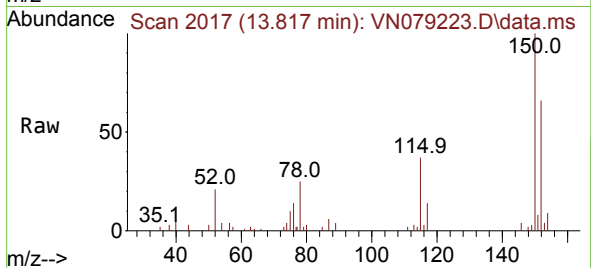
Tgt Ion: 75 Resp: 47851
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



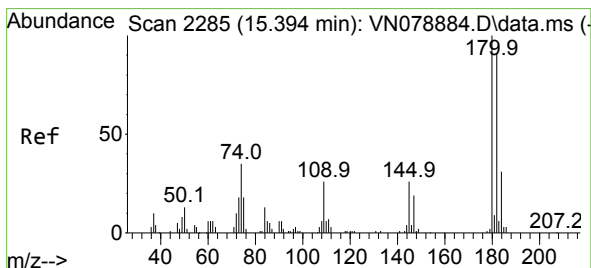
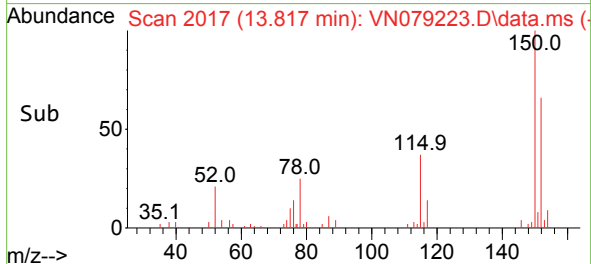
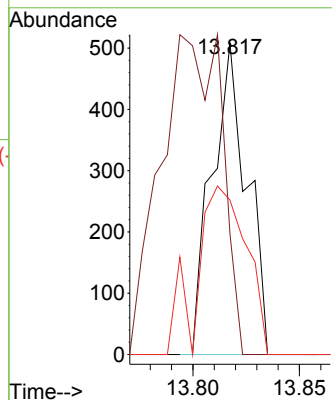


#88
1,4-Dichlorobenzene
Concen: 0.244 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN079223.D
Acq: 11 Sep 2023 17:53

Instrument :
MSVOA_N
ClientSampleId :

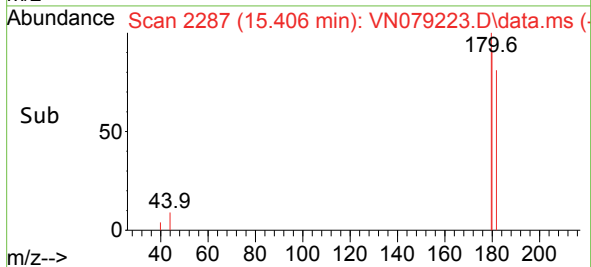
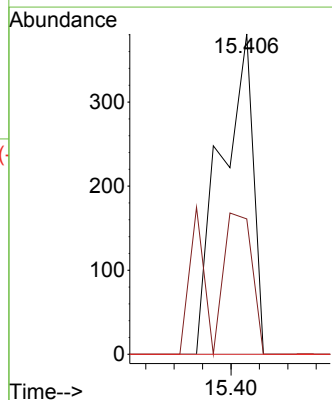
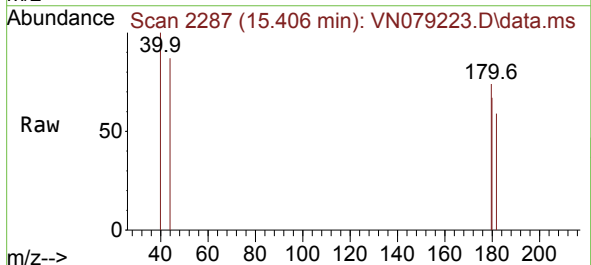


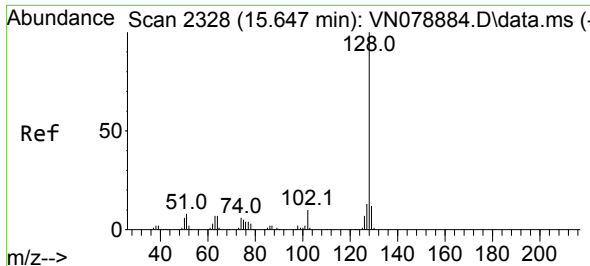
Tgt Ion:146 Resp: 579
Ion Ratio Lower Upper
146 100
111 0.0 20.6 61.8#
148 76.7 31.6 94.8



#93
1,2,4-Trichlorobenzene
Concen: 0.360 ug/l
RT: 15.406 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VN079223.D
Acq: 11 Sep 2023 17:53

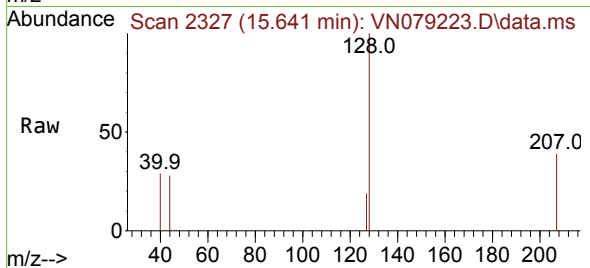
Tgt Ion:180 Resp: 300
Ion Ratio Lower Upper
180 100
182 59.3 46.1 138.2
145 0.0 16.6 49.8#



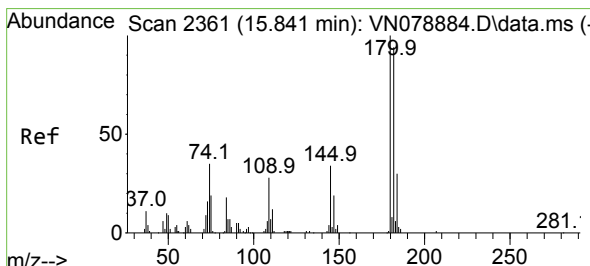
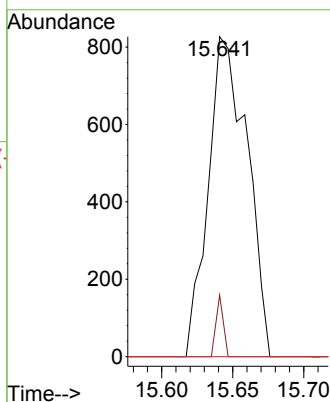
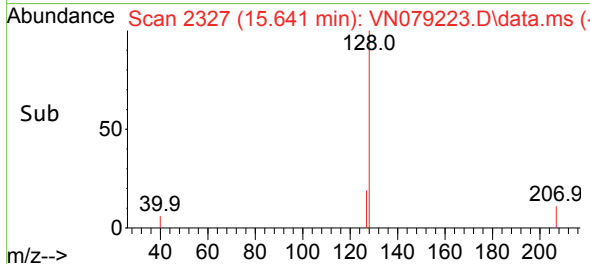


#95
Naphthalene
Concen: 0.638 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079223.D
Acq: 11 Sep 2023 17:53

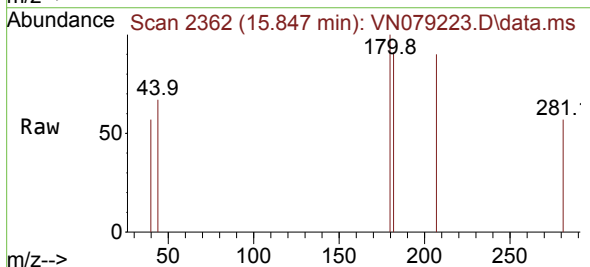
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1577
Ion Ratio Lower Upper
128 100
127 3.6 10.0 15.0#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.419 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079223.D
Acq: 11 Sep 2023 17:53



Tgt Ion:180 Resp: 411
Ion Ratio Lower Upper
180 100
182 109.5 46.2 138.6
145 0.0 17.5 52.6#

