

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079880.D
 Acq On : 04 Nov 2023 06:21
 Operator : JC\MD
 Sample : 05223-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 04 06:45:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

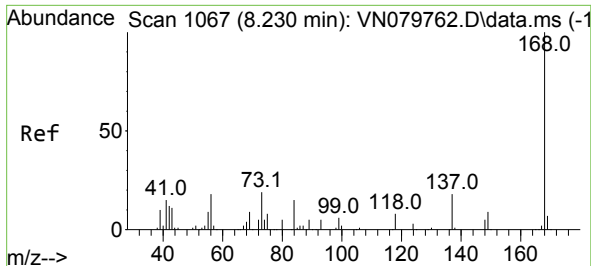
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.994	168	125	50.000	ug/l	#-0.23
34) 1,4-Difluorobenzene	8.865	114	472725	50.000	ug/l	-0.24
63) Chlorobenzene-d5	11.812	117	533292	50.000	ug/l	-0.06
72) 1,4-Dichlorobenzene-d4	13.782	152	250159	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.259	65	208116	109280.688	ug/l	-0.32
Spiked Amount	50.000	Range	74 - 125	Recovery	= 218561.380%#	
35) Dibromofluoromethane	7.788	113	173531	51.866	ug/l	-0.38
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.740%	
50) Toluene-d8	10.453	98	709956	57.641	ug/l	-0.12
Spiked Amount	50.000	Range	86 - 113	Recovery	= 115.280%#	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	= 0.000%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.271	50	79	41.808	ug/l #	38
16) Acetone	4.042	43	217	324.391	ug/l #	40
28) Bromochloromethane	7.847	49	121	85.537	ug/l #	5
31) Cyclohexane	7.871	56	6152	2444.656	ug/l #	36
38) Carbon Tetrachloride	7.871	117	20503	4.259	ug/l #	17
55) 1,1,2-Trichloroethane	10.465	97	16760	4.912	ug/l #	1
56) Ethyl methacrylate	10.453	69	2045	0.420	ug/l #	54
71) Bromoform	12.829	173	1878	0.635	ug/l #	1
76) 1,2,3-Trichloropropane	12.829	75	135332	23.043	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	135332	62.695	ug/l #	15

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

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Response via : Initial Calibration

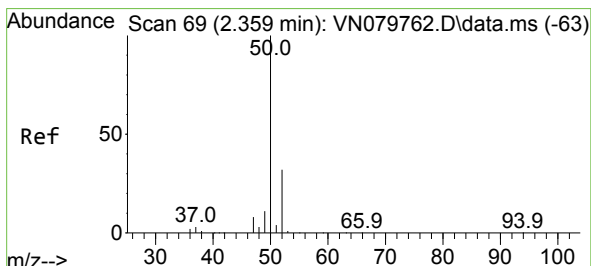
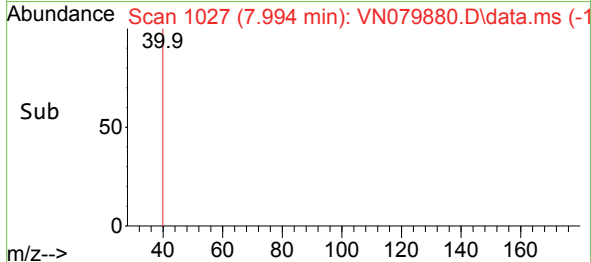
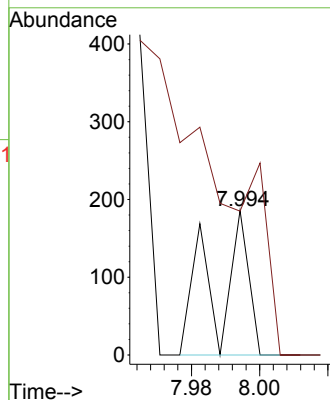
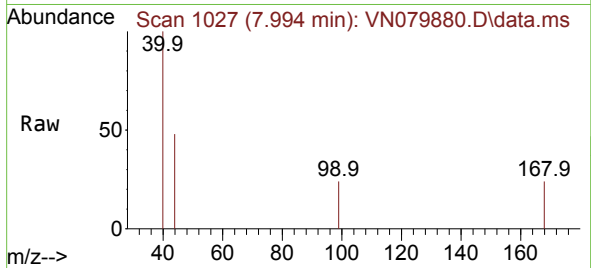




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.994 min Scan# 10
Delta R.T. -0.235 min
Lab File: VN079880.D
Acq: 04 Nov 2023 06:21

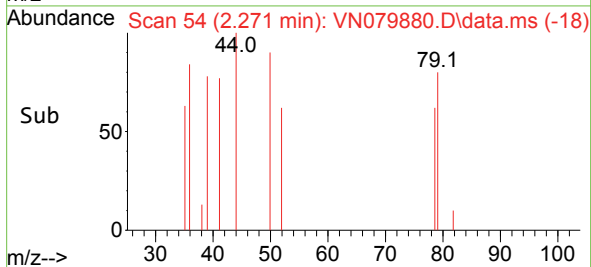
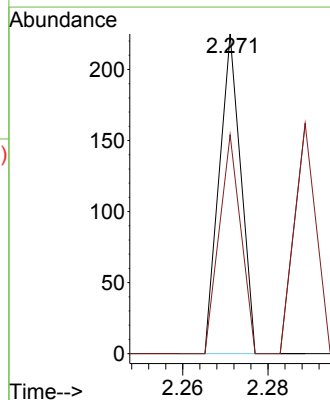
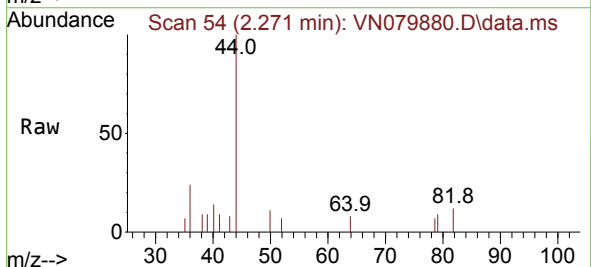
Instrument :
MSVOA_N
ClientSampleId :

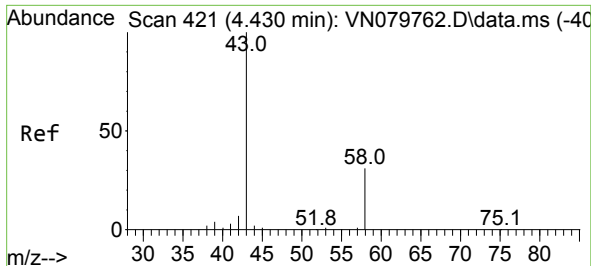
Tgt Ion:168 Resp: 125
Ion Ratio Lower Upper
168 100
99 99.5 53.0 79.6#



#3
Chloromethane
Concen: 41.808 ug/l
RT: 2.271 min Scan# 54
Delta R.T. -0.088 min
Lab File: VN079880.D
Acq: 04 Nov 2023 06:21

Tgt Ion: 50 Resp: 79
Ion Ratio Lower Upper
50 100
52 68.4 26.5 39.7#

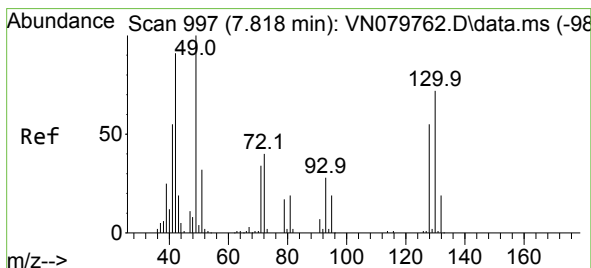
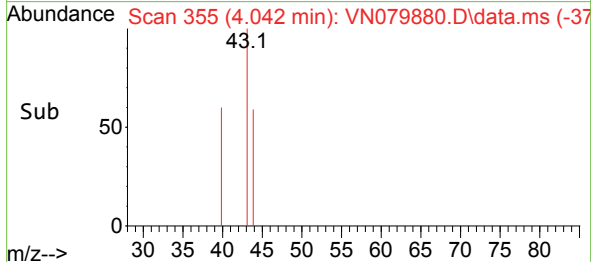
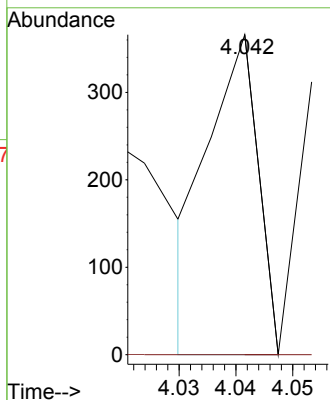
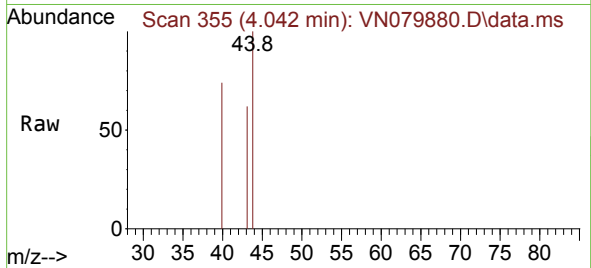




#16
Acetone
Concen: 324.391 ug/l
RT: 4.042 min Scan# 31
Delta R.T. -0.388 min
Lab File: VN079880.D
Acq: 04 Nov 2023 06:21

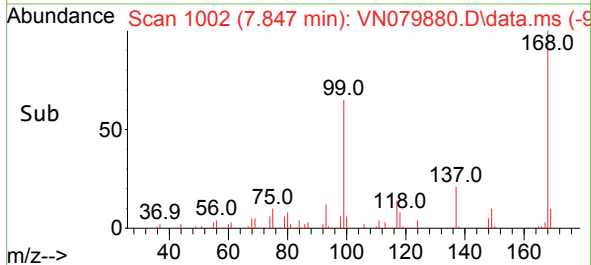
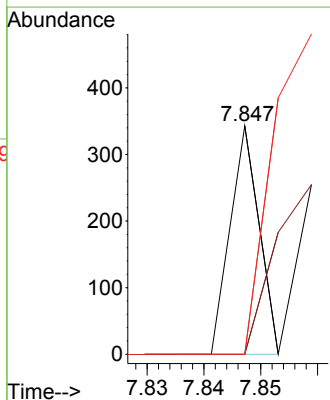
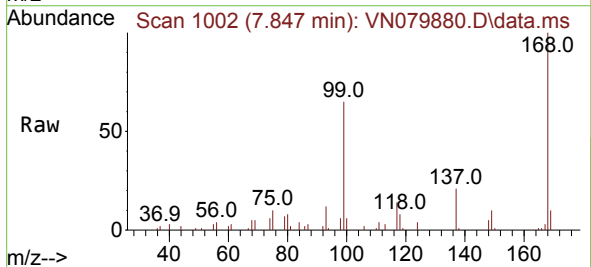
Instrument :
MSVOA_N
ClientSampleId :

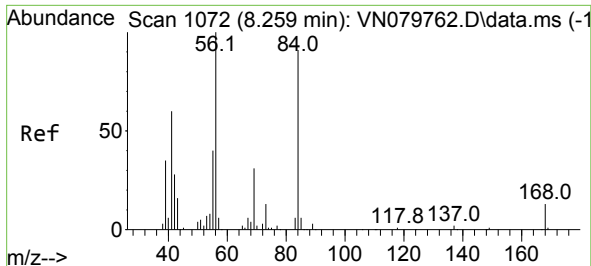
Tgt Ion: 43 Resp: 217
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#28
Bromochloromethane
Concen: 85.537 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.035 min
Lab File: VN079880.D
Acq: 04 Nov 2023 06:21

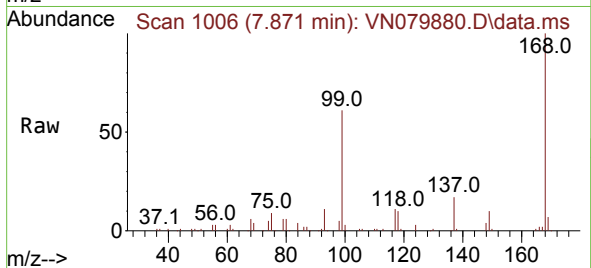
Tgt Ion: 49 Resp: 121
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 0.0 75.3 112.9#



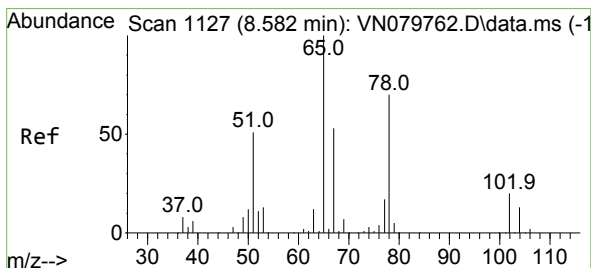
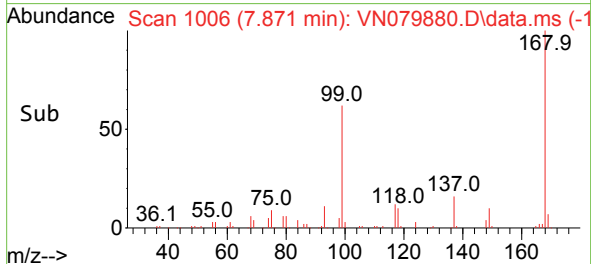
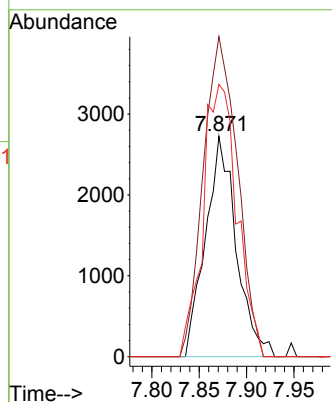


#31
Cyclohexane
Concen: 2444.656 ug/l
RT: 7.871 min Scan# 1006
Delta R.T. -0.388 min
Lab File: VN079880.D
Acq: 04 Nov 2023 06:21

Instrument :
MSVOA_N
ClientSampleId :

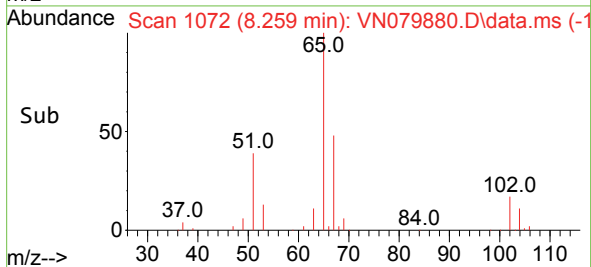
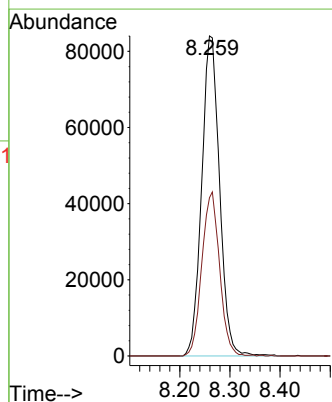
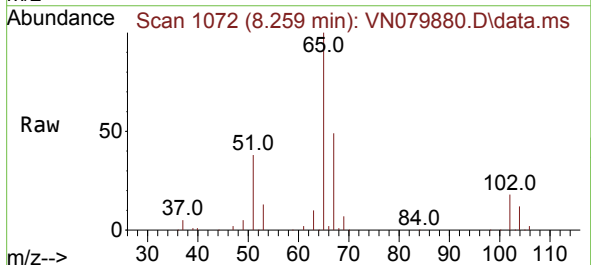


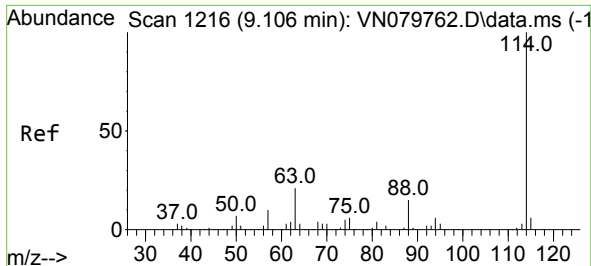
Tgt Ion: 56 Resp: 6152
Ion Ratio Lower Upper
56 100
69 145.2 26.8 40.2#
84 123.6 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 109280.688 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.323 min
Lab File: VN079880.D
Acq: 04 Nov 2023 06:21

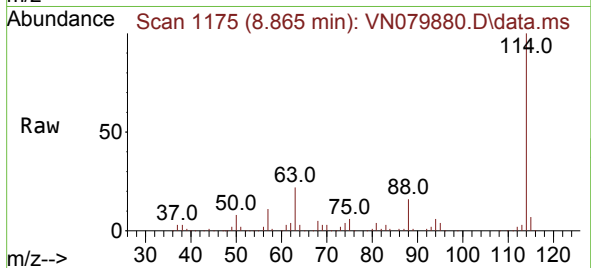
Tgt Ion: 65 Resp: 208116
Ion Ratio Lower Upper
65 100
67 50.8 0.0 106.6



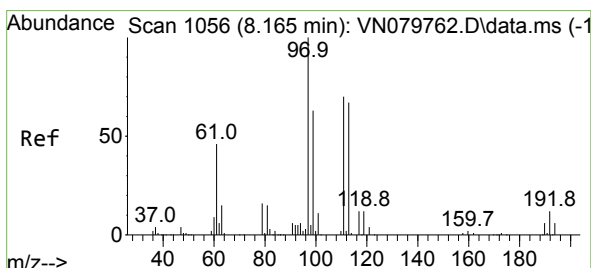
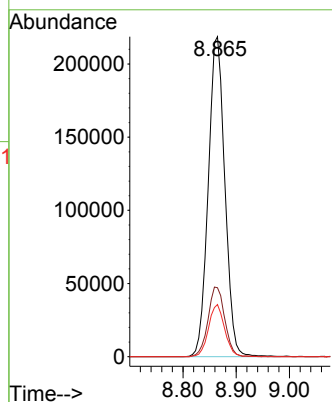
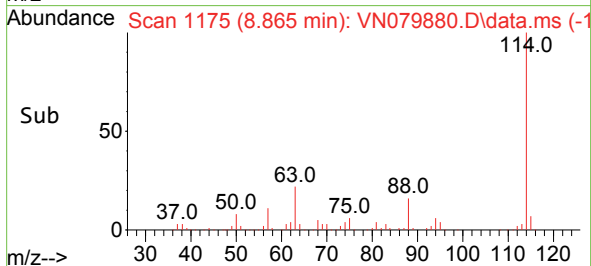


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.865 min Scan# 1175
Delta R.T. -0.241 min
Lab File: VN079880.D
Acq: 04 Nov 2023 06:21

Instrument :
MSVOA_N
ClientSampleId :

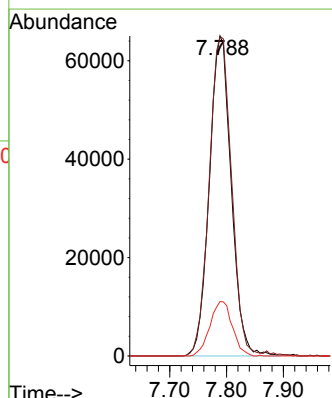
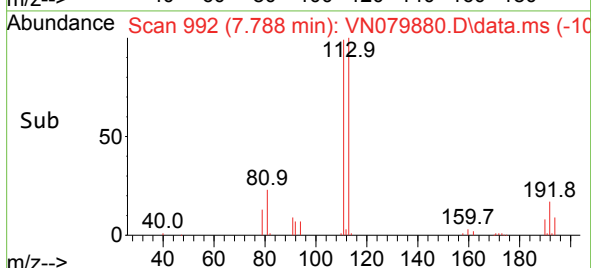
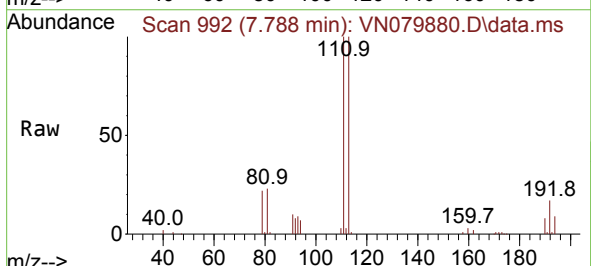


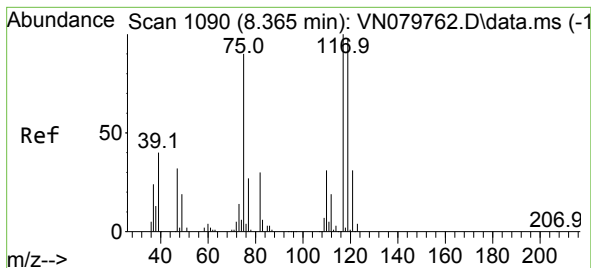
Tgt Ion:114 Resp: 472725
Ion Ratio Lower Upper
114 100
63 21.6 0.0 36.4
88 16.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.866 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.382 min
Lab File: VN079880.D
Acq: 04 Nov 2023 06:21

Tgt Ion:113 Resp: 173531
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 17.4 12.7 19.1





#38

Carbon Tetrachloride

Concen: 4.259 ug/l

RT: 7.871 min Scan# 1090

Delta R.T. -0.488 min

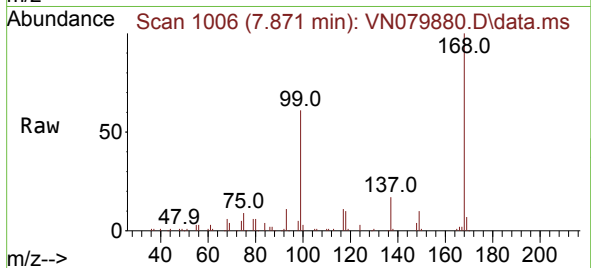
Lab File: VN079880.D

Acq: 04 Nov 2023 06:21

Instrument :

MSVOA_N

ClientSampleId :



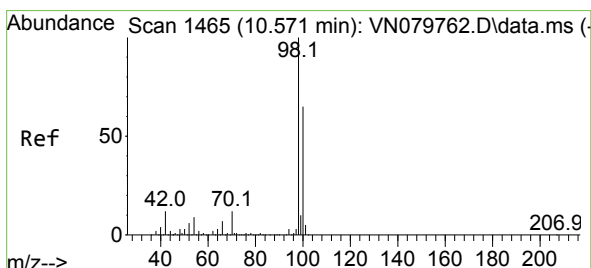
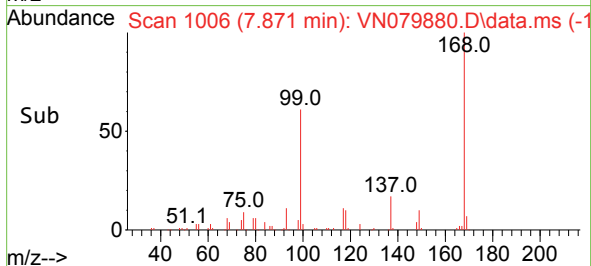
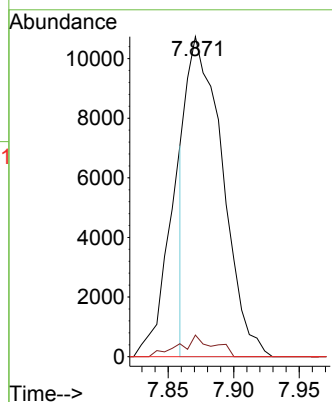
Tgt Ion:117 Resp: 20503

Ion Ratio Lower Upper

117 100

119 6.7 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 57.641 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. -0.118 min

Lab File: VN079880.D

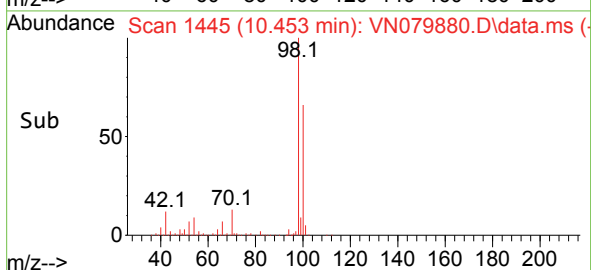
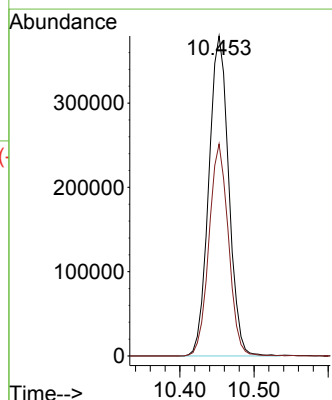
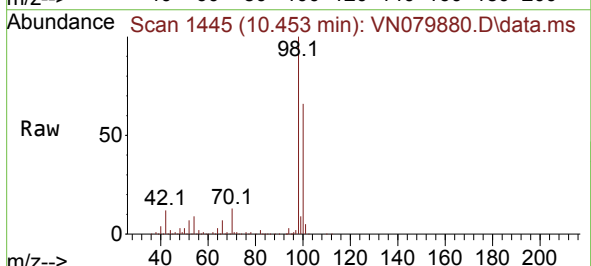
Acq: 04 Nov 2023 06:21

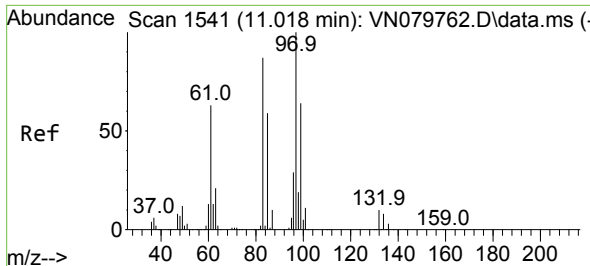
Tgt Ion: 98 Resp: 709956

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

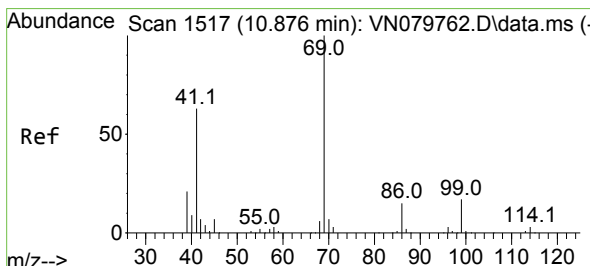
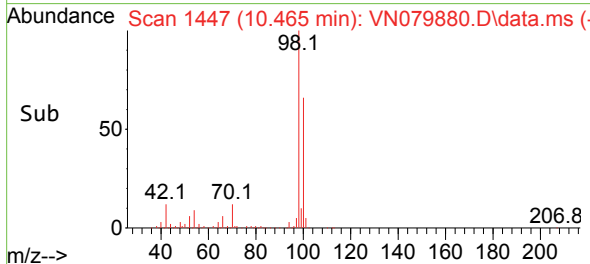
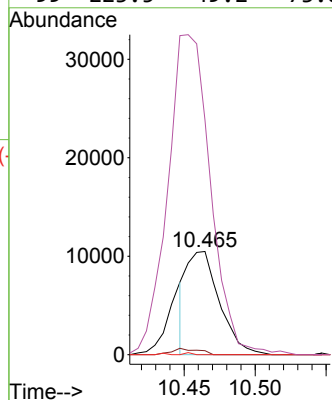
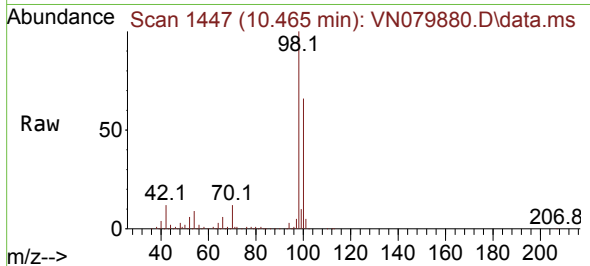




#55
1,1,2-Trichloroethane
Concen: 4.912 ug/l
RT: 10.465 min Scan# 1447
Delta R.T. -0.553 min
Lab File: VN079880.D
Acq: 04 Nov 2023 06:21

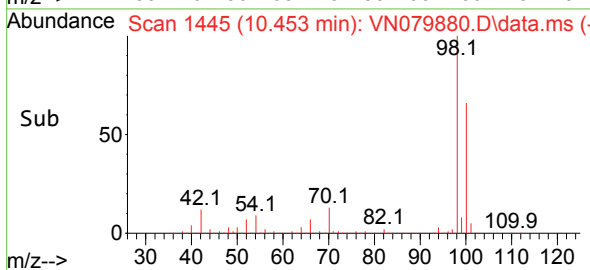
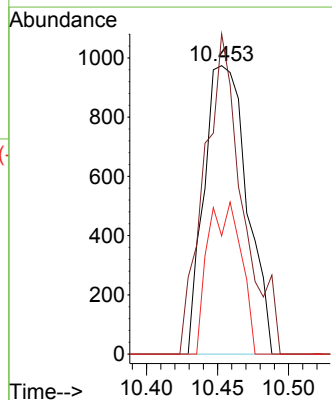
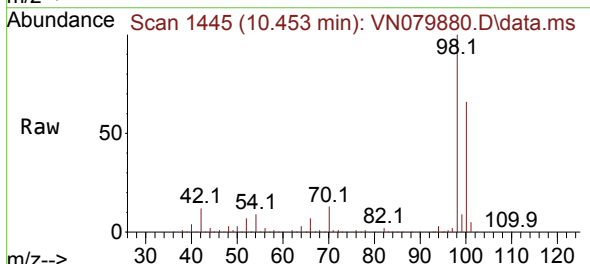
Instrument :
MSVOA_N
ClientSampleId :

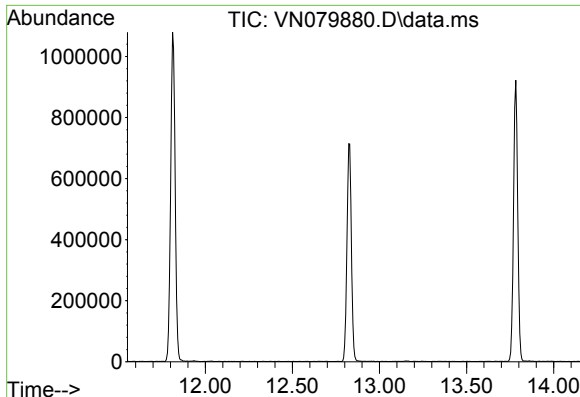
Tgt Ion:	97	Resp:	16760
Ion	Ratio	Lower	Upper
97	100		
83	3.9	65.1	97.7#
85	0.0	43.4	65.2#
99	223.5	49.2	73.8#



#56
Ethyl methacrylate
Concen: 0.420 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.423 min
Lab File: VN079880.D
Acq: 04 Nov 2023 06:21

Tgt Ion:	69	Resp:	2045
Ion	Ratio	Lower	Upper
69	100		
41	99.6	39.6	59.4#
39	40.9	28.6	43.0

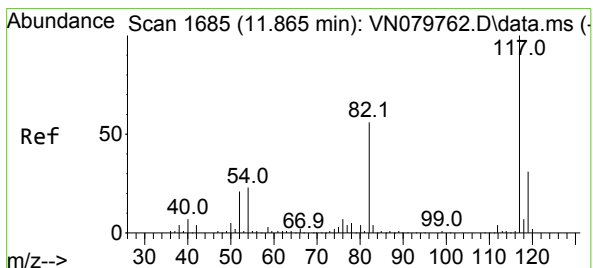
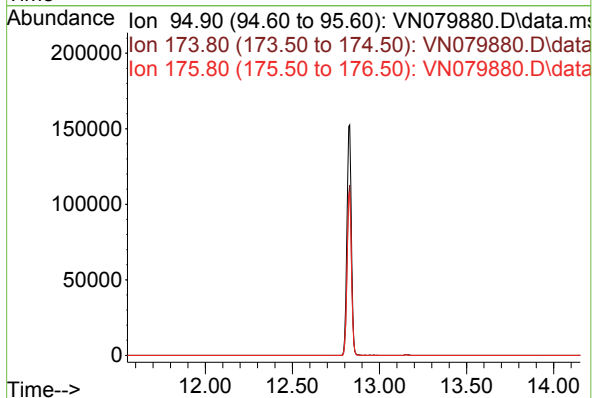




#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN079880.D
 Acq: 04 Nov 2023 06:21

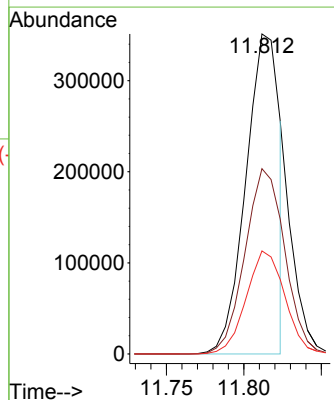
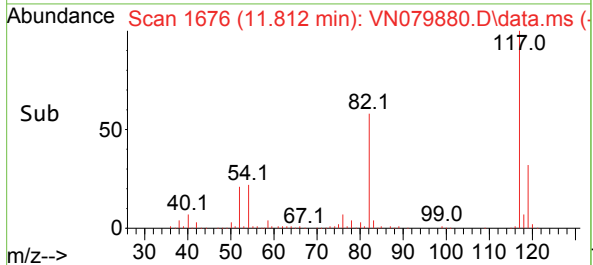
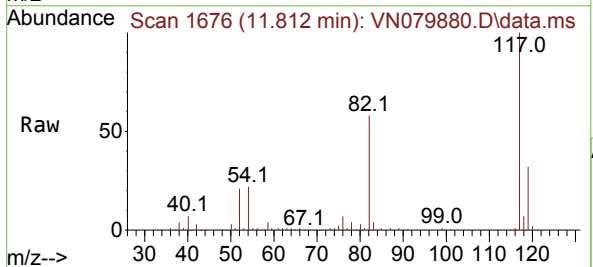
Instrument :
 MSVOA_N
 ClientSampleId :

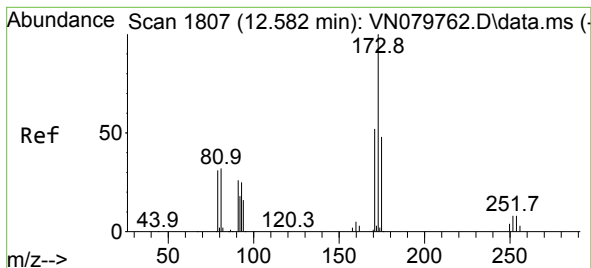
Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 71.9
 176 67.9



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 1676
 Delta R.T. -0.059 min
 Lab File: VN079880.D
 Acq: 04 Nov 2023 06:21

Tgt Ion:117 Resp: 533292
 Ion Ratio Lower Upper
 117 100
 82 57.9 44.0 66.0
 119 32.2 25.6 38.4





#71

Bromoform

Concen: 0.635 ug/l

RT: 12.829 min Scan# 11

Delta R.T. 0.247 min

Lab File: VN079880.D

Acq: 04 Nov 2023 06:21

Instrument :

MSVOA_N

ClientSampleId :

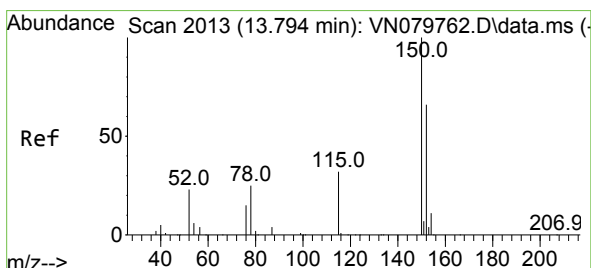
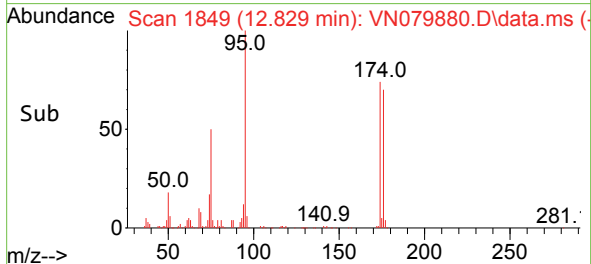
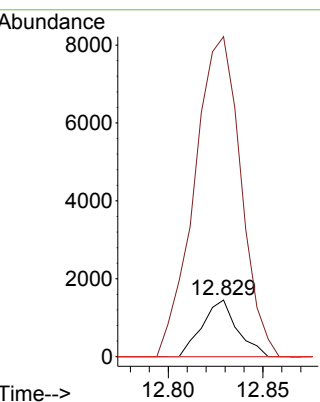
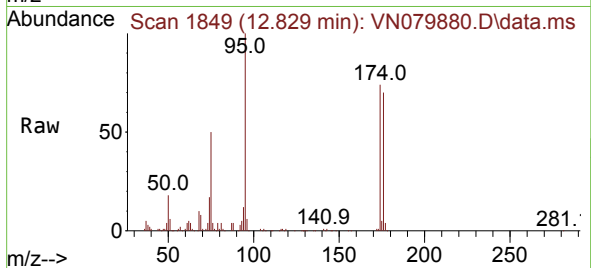
Tgt Ion:173 Resp: 1878

Ion Ratio Lower Upper

173 100

175 747.8 24.3 73.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.782 min Scan# 2011

Delta R.T. -0.012 min

Lab File: VN079880.D

Acq: 04 Nov 2023 06:21

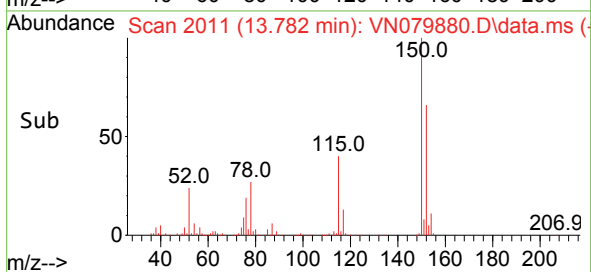
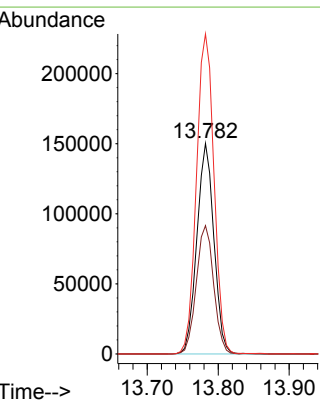
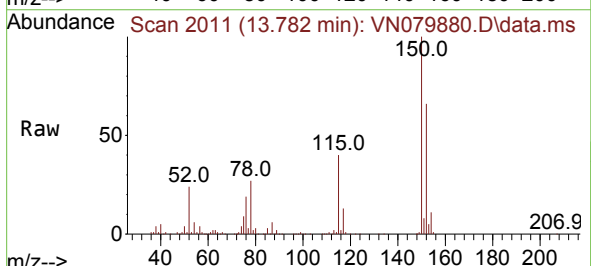
Tgt Ion:152 Resp: 250159

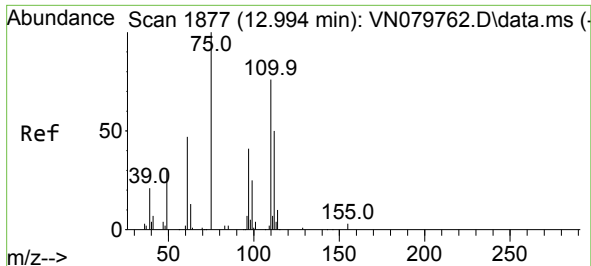
Ion Ratio Lower Upper

152 100

115 62.2 32.3 96.8

150 156.2 0.0 355.8

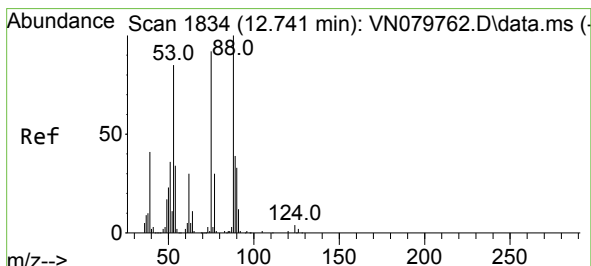
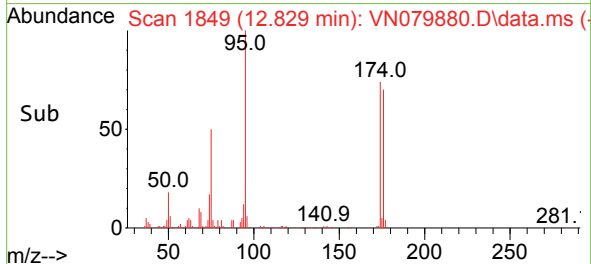
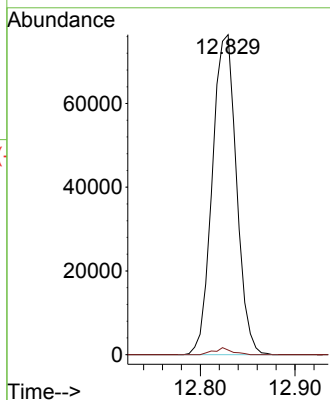
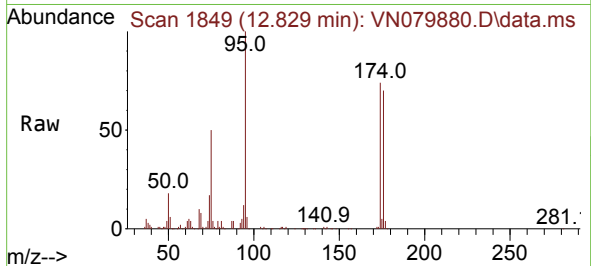




#76
1,2,3-Trichloropropane
Concen: 23.043 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.165 min
Lab File: VN079880.D
Acq: 04 Nov 2023 06:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 135332
Ion Ratio Lower Upper
75 100
77 1.6 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.695 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.094 min
Lab File: VN079880.D
Acq: 04 Nov 2023 06:21

Tgt Ion: 75 Resp: 135332
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.0 38.8 58.2#

