

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
 Data File : VN077724.D
 Acq On : 17 May 2023 19:18
 Operator : JC\MD
 Sample : 02831-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MP-1D

Quant Time: May 18 01:41:01 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

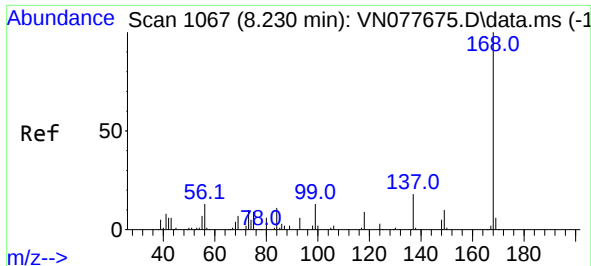
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	351193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	647262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	581939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	235227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	250550	47.681	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.360%
35) Dibromofluoromethane	8.171	113	205302	48.641	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.280%
50) Toluene-d8	10.571	98	801843	49.357	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.720%
62) 4-Bromofluorobenzene	12.853	95	260780	45.450	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.900%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1652	Below Cal	#	42
20) Methylene Chloride	5.289	84	60	Below Cal	#	44
31) Cyclohexane	8.230	56	9063	1.269	ug/l #	29
36) 1,1-Dichloropropene	8.230	75	29962	4.853	ug/l #	49
38) Carbon Tetrachloride	8.230	117	38108	6.113	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	3437	0.643	ug/l #	1
60) Dibromochloromethane	11.112	129	32114	6.908	ug/l #	11
64) Tetrachloroethene	11.106	164	28800	7.077	ug/l	97
71) Bromoform	12.853	173	1397	0.481	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	139257	23.639	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	139257	75.563	ug/l #	15

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

Quant Time: May 18 01:41:01 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

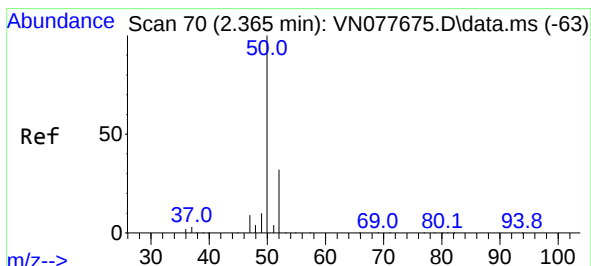
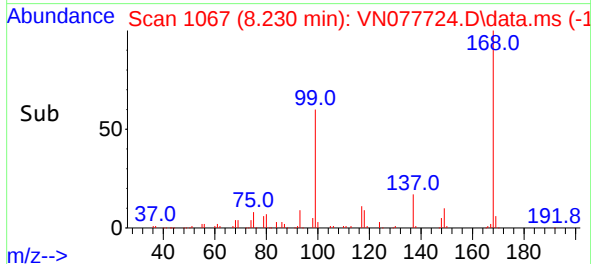
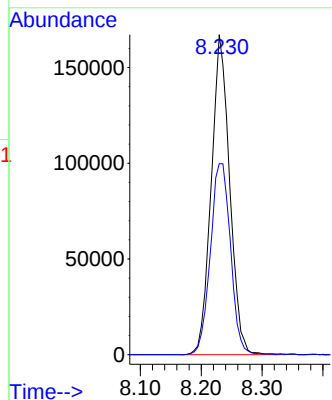
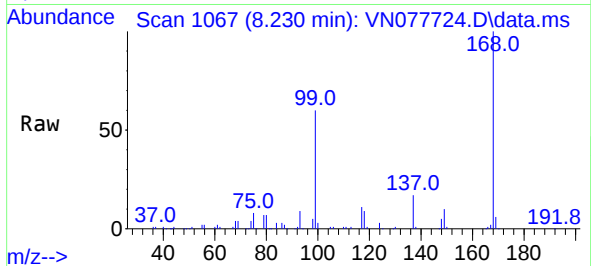




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077724.D
Acq: 17 May 2023 19:18

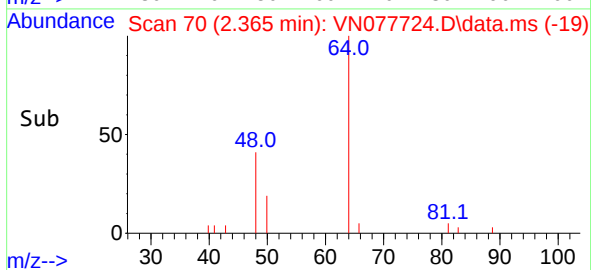
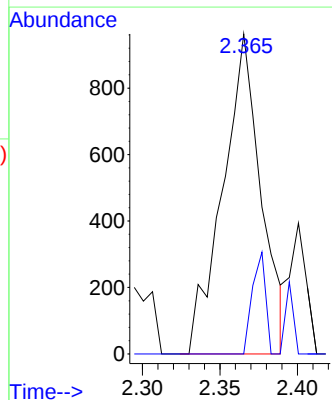
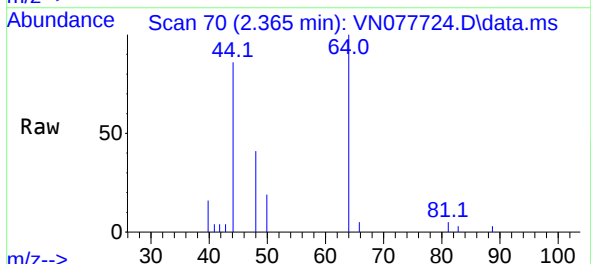
Instrument :
MSVOA_N
ClientSampleId :
MP-1D

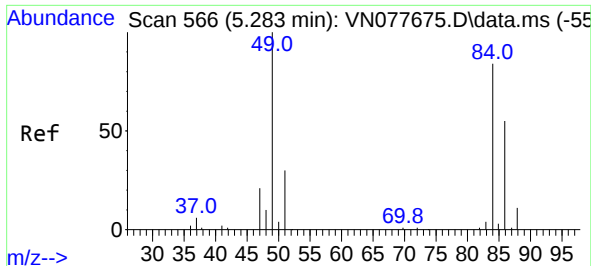
Tgt Ion:168 Resp: 351193
Ion Ratio Lower Upper
168 100
99 59.7 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077724.D
Acq: 17 May 2023 19:18

Tgt Ion: 50 Resp: 1652
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#



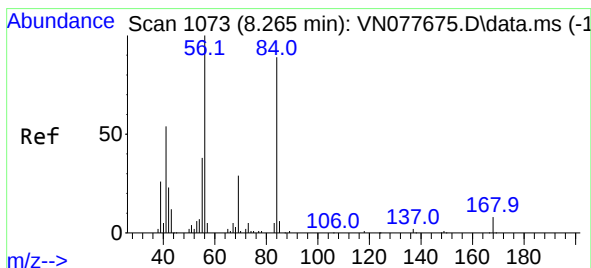
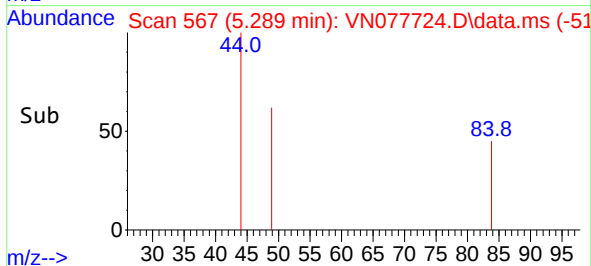
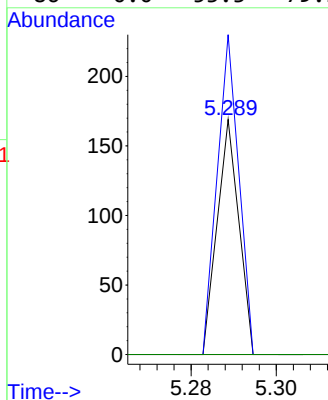
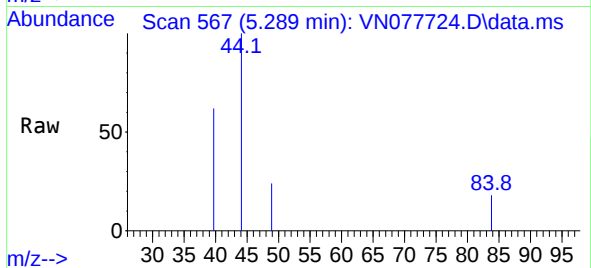


#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN077724.D
Acq: 17 May 2023 19:18

Instrument :
MSVOA_N
ClientSampleId :
MP-1D

Tgt Ion: 84 Resp: 60

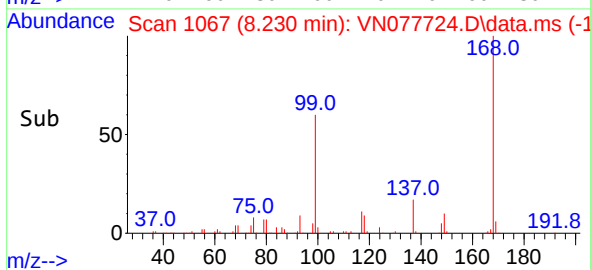
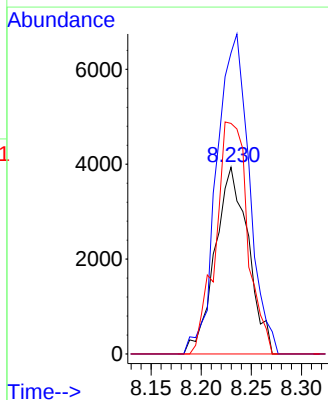
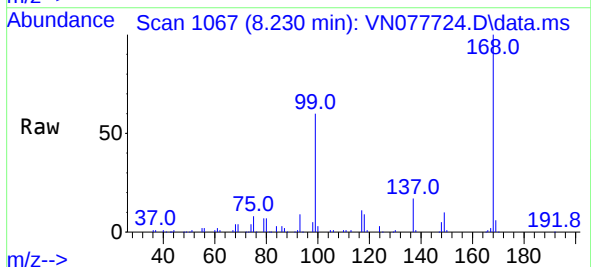
Ion	Ratio	Lower	Upper
84	100		
49	136.1	79.7	119.5#
51	0.0	25.2	37.8#
86	0.0	53.3	79.9#

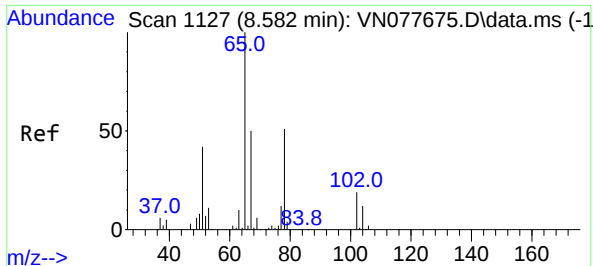


#31
Cyclohexane
Concen: 1.269 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN077724.D
Acq: 17 May 2023 19:18

Tgt Ion: 56 Resp: 9063

Ion	Ratio	Lower	Upper
56	100		
69	161.1	26.8	40.2#
84	123.5	81.8	122.6#

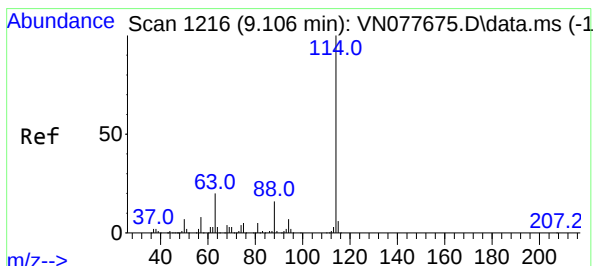
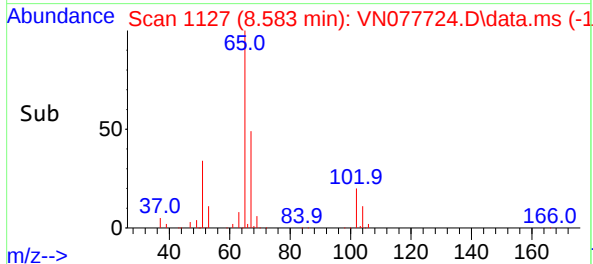
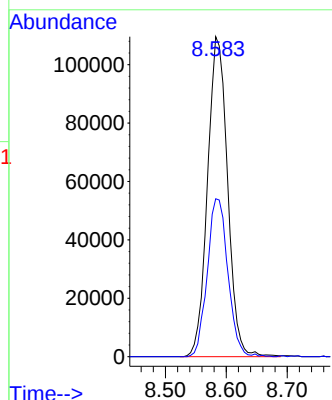
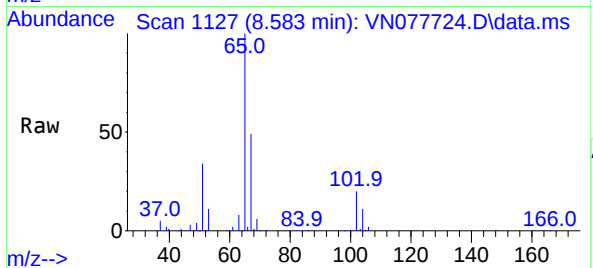




#33
1,2-Dichloroethane-d4
Concen: 47.681 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN077724.D
Acq: 17 May 2023 19:18

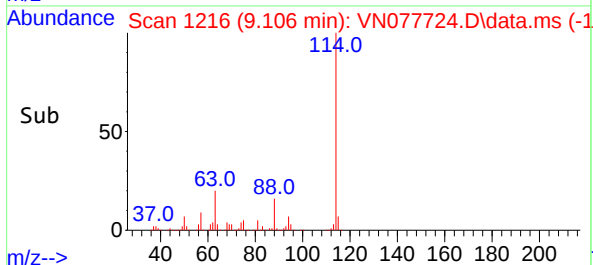
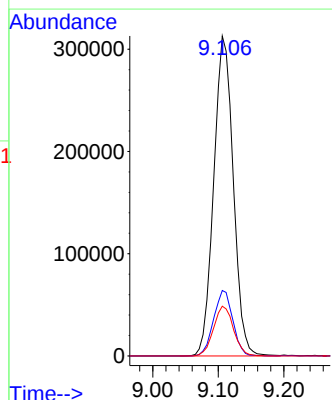
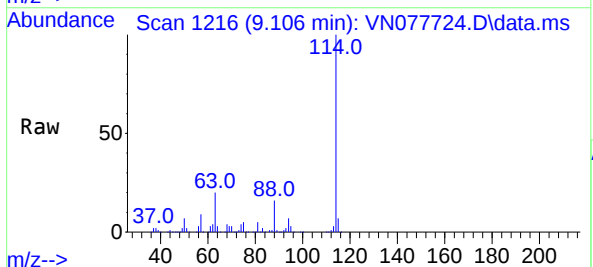
Instrument :
MSVOA_N
ClientSampleId :
MP-1D

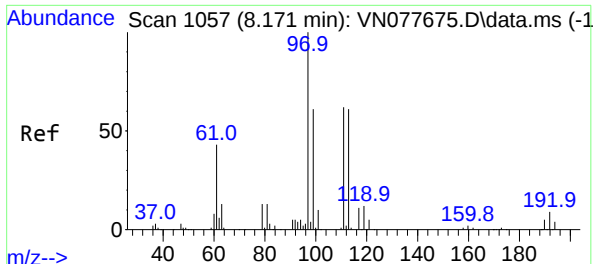
Tgt Ion: 65 Resp: 250550
Ion Ratio Lower Upper
65 100
67 50.4 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN077724.D
Acq: 17 May 2023 19:18

Tgt Ion: 114 Resp: 647262
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.4
88 15.5 0.0 30.6

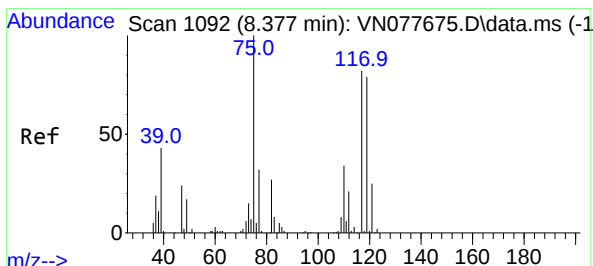
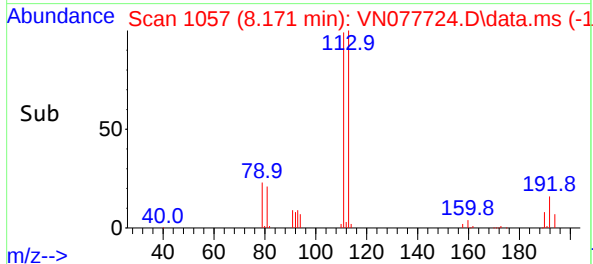
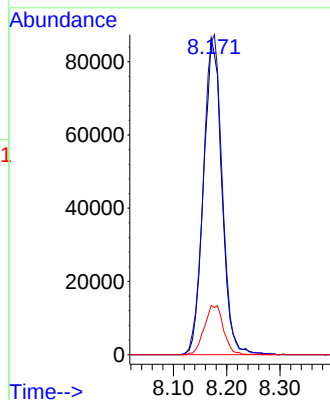
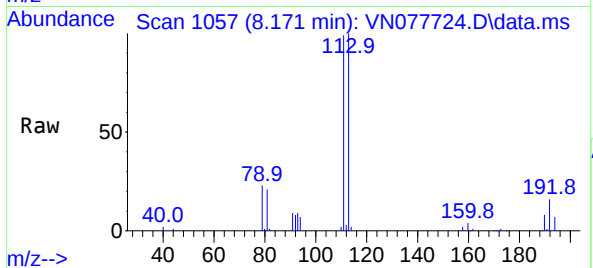




#35
Dibromofluoromethane
Concen: 48.641 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077724.D
Acq: 17 May 2023 19:18

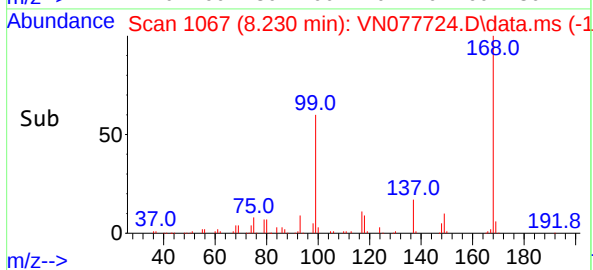
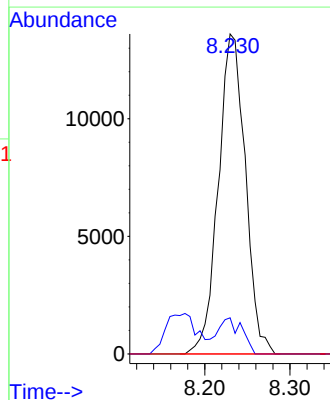
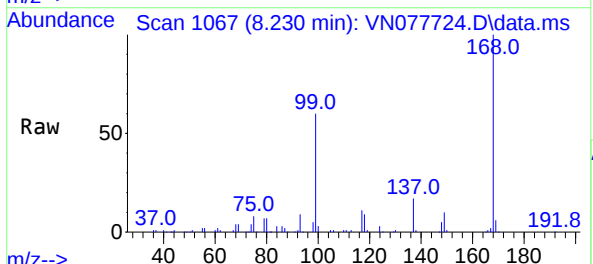
Instrument :
MSVOA_N
ClientSampleId :
MP-1D

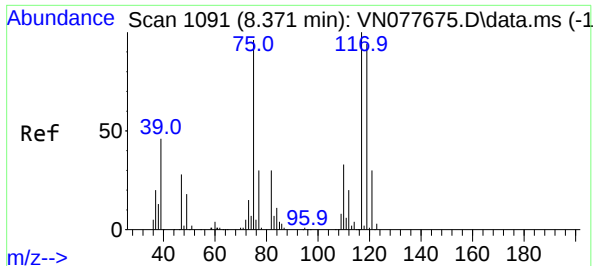
Tgt Ion:113 Resp: 205302
Ion Ratio Lower Upper
113 100
111 105.0 82.6 123.8
192 16.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.853 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN077724.D
Acq: 17 May 2023 19:18

Tgt Ion: 75 Resp: 29962
Ion Ratio Lower Upper
75 100
110 9.9 19.1 57.3#
77 0.0 25.0 37.4#

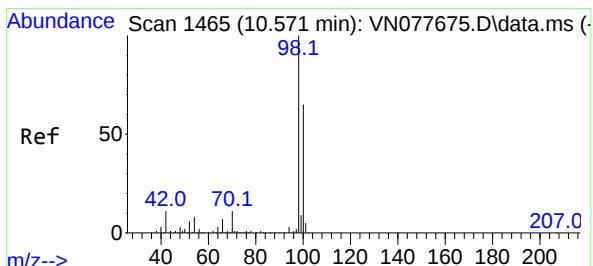
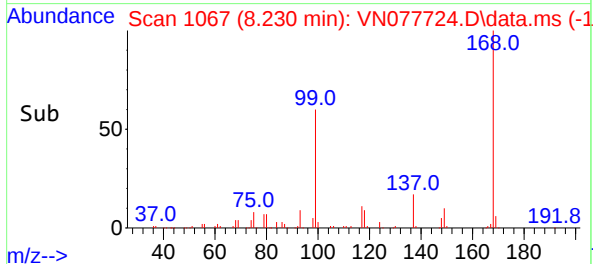
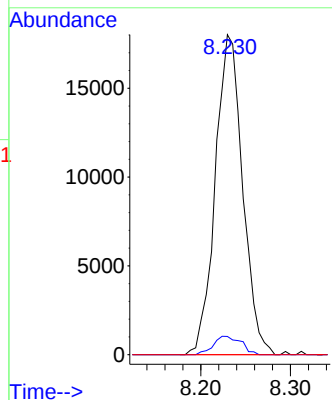
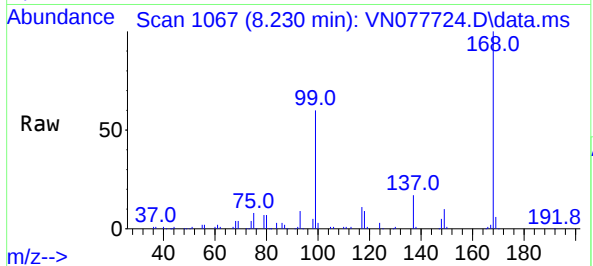




#38
Carbon Tetrachloride
Concen: 6.113 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN077724.D
Acq: 17 May 2023 19:18

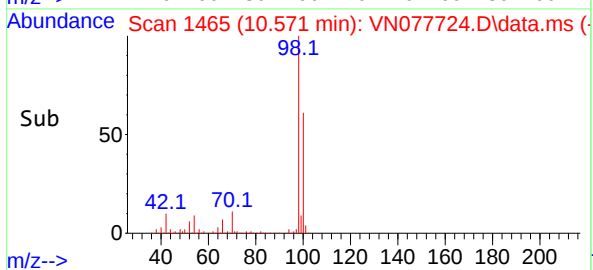
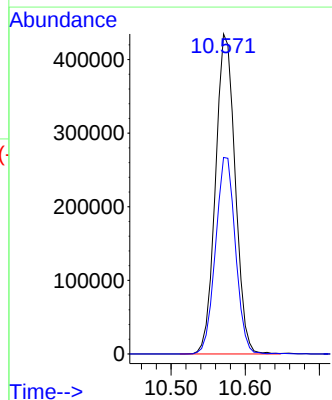
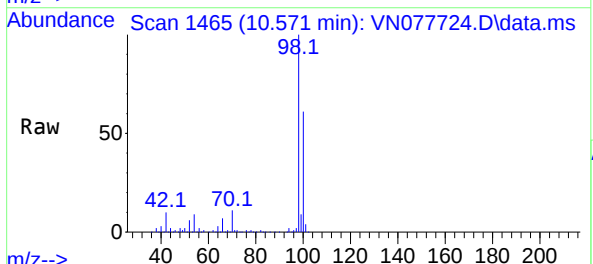
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MSVOA_N
ClientSampleId :
MP-1D

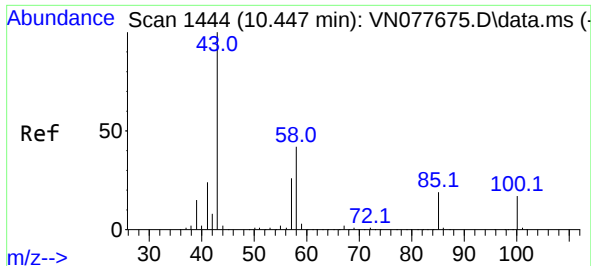
Tgt Ion:117 Resp: 38108
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 49.357 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077724.D
Acq: 17 May 2023 19:18

Tgt Ion: 98 Resp: 801843
Ion Ratio Lower Upper
98 100
100 62.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.643 ug/l

RT: 10.571 min Scan# 14

Delta R.T. 0.124 min

Lab File: VN077724.D

Acq: 17 May 2023 19:18

Instrument :

MSVOA_N

ClientSampleId :

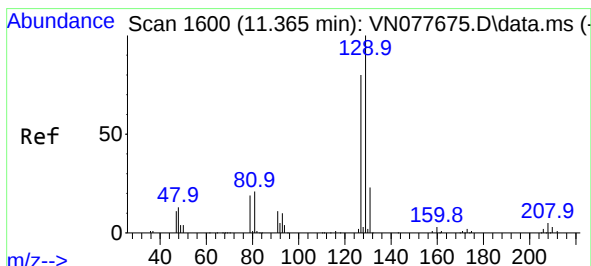
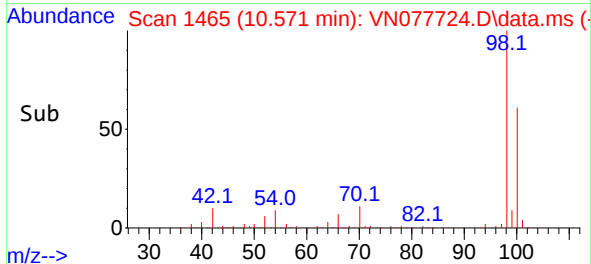
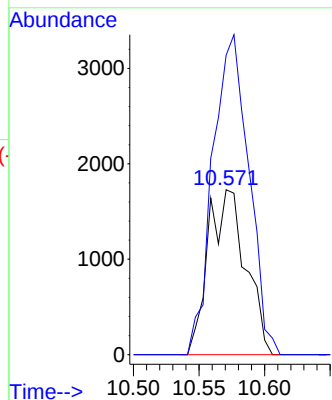
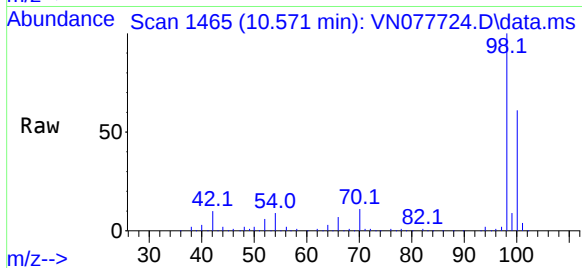
MP-1D

Tgt Ion: 43 Resp: 3437

Ion Ratio Lower Upper

43 100

58 186.4 36.6 54.8#



#60

Dibromochloromethane

Concen: 6.908 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. -0.253 min

Lab File: VN077724.D

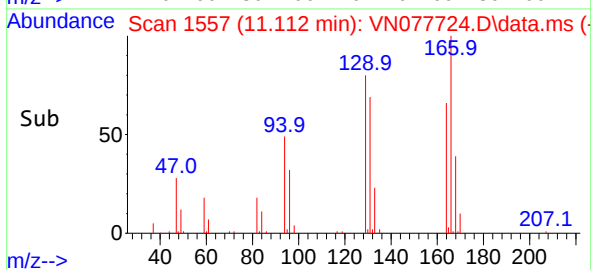
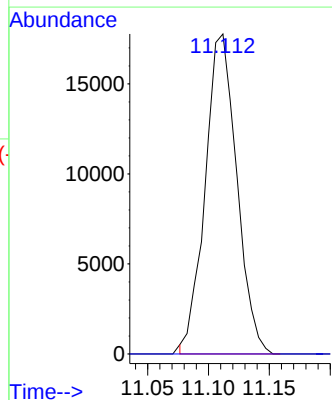
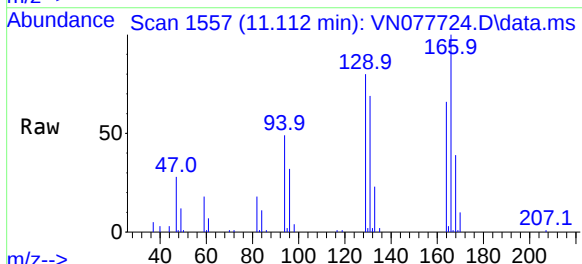
Acq: 17 May 2023 19:18

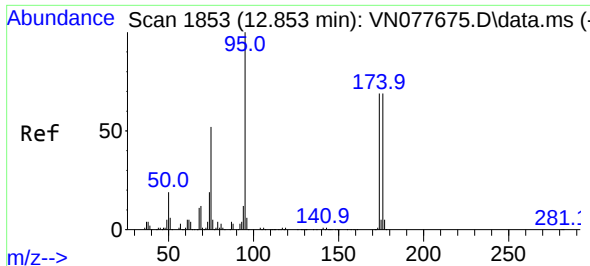
Tgt Ion: 129 Resp: 32114

Ion Ratio Lower Upper

129 100

127 0.0 38.6 116.0#

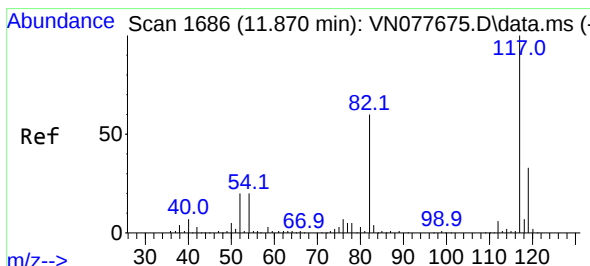
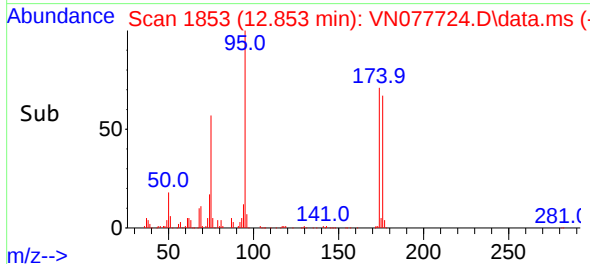
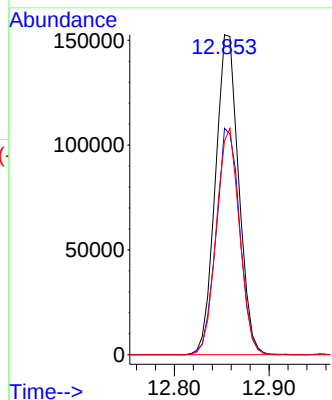
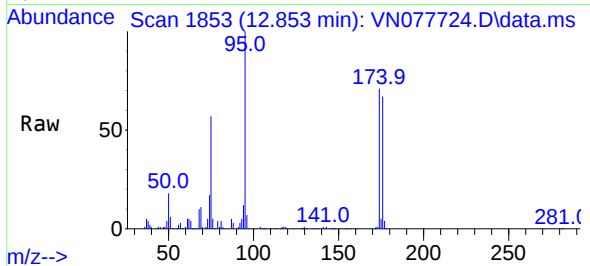




#62
4-Bromofluorobenzene
Concen: 45.450 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077724.D
Acq: 17 May 2023 19:18

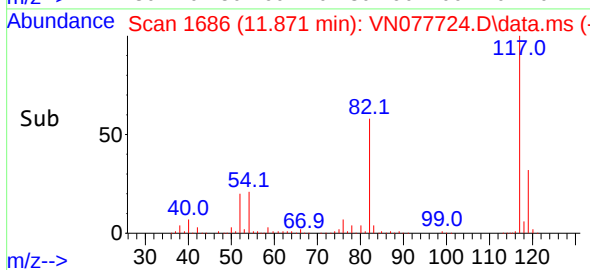
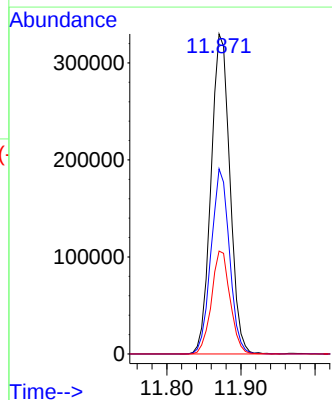
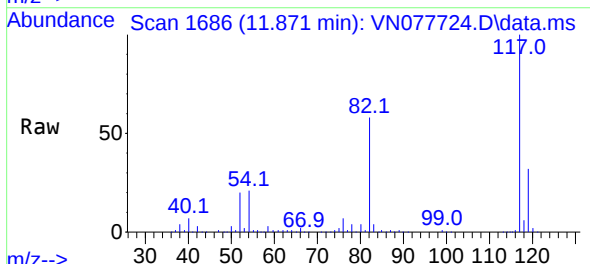
Instrument :
MSVOA_N
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MP-1D

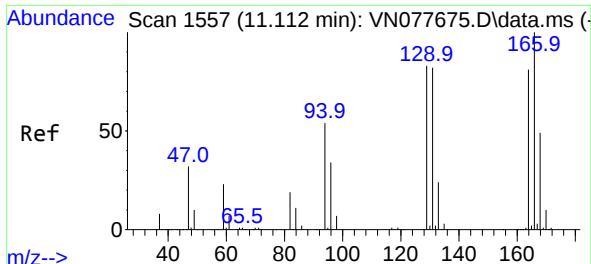
Tgt Ion: 95 Resp: 260780
Ion Ratio Lower Upper
95 100
174 71.7 0.0 143.8
176 70.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077724.D
Acq: 17 May 2023 19:18

Tgt Ion: 117 Resp: 581939
Ion Ratio Lower Upper
117 100
82 57.9 44.0 66.0
119 32.2 25.6 38.4



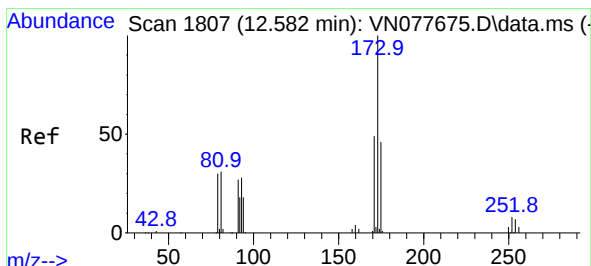
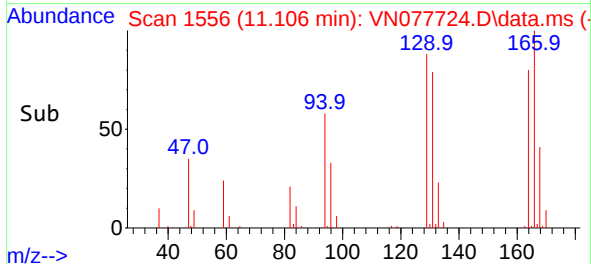
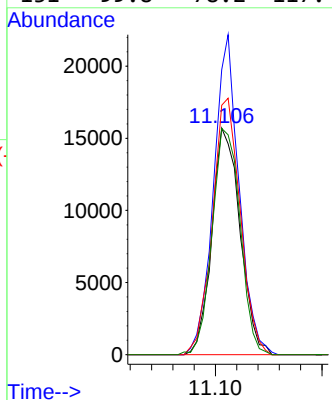
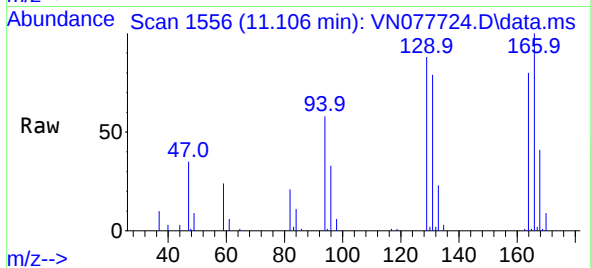


#64
Tetrachloroethene
Concen: 7.077 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077724.D
Acq: 17 May 2023 19:18

Instrument :
MSVOA_N
ClientSampleId :
MP-1D

Tgt Ion:164 Resp: 28800

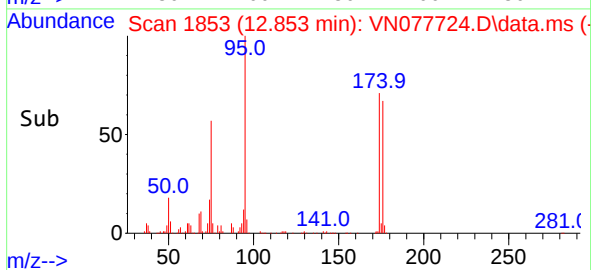
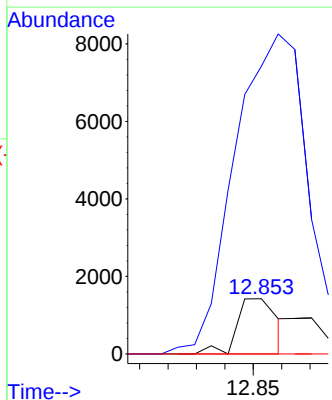
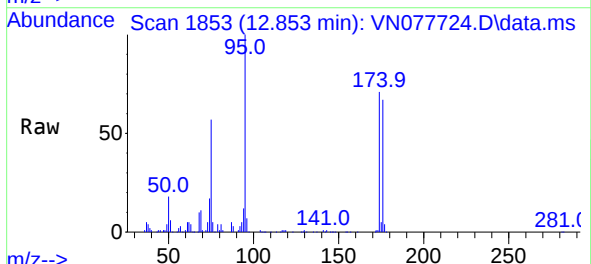
Ion	Ratio	Lower	Upper
164	100		
166	125.7	101.4	152.0
129	110.1	82.4	123.6
131	99.8	78.2	117.4

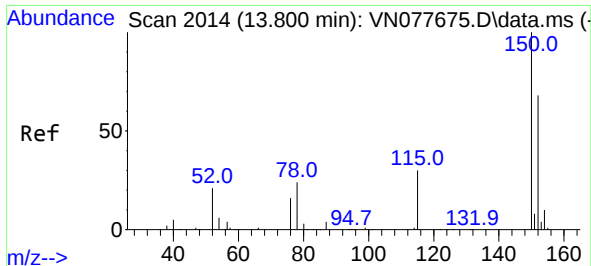


#71
Bromoform
Concen: 0.481 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN077724.D
Acq: 17 May 2023 19:18

Tgt Ion:173 Resp: 1397

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.3	73.0#
254	0.0	0.0	0.0

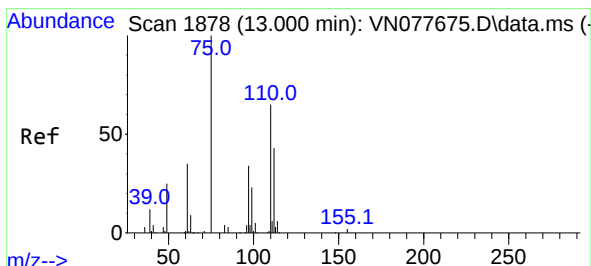
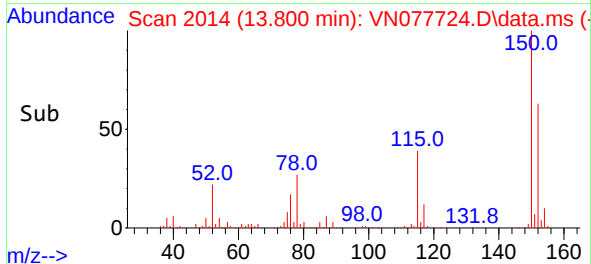
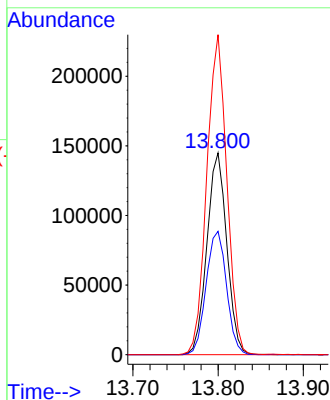
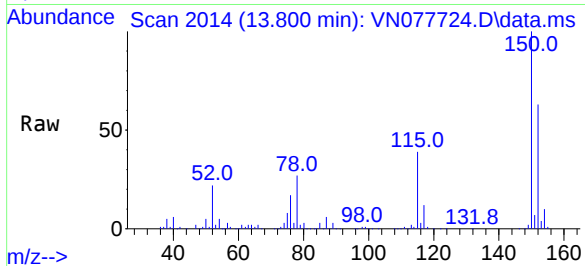




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN077724.D
Acq: 17 May 2023 19:18

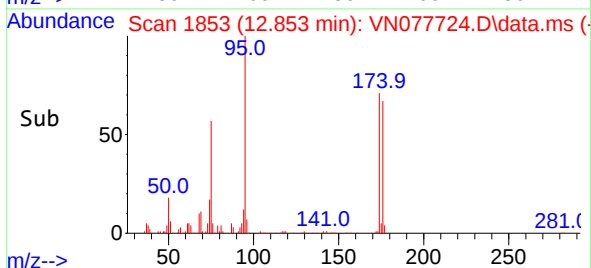
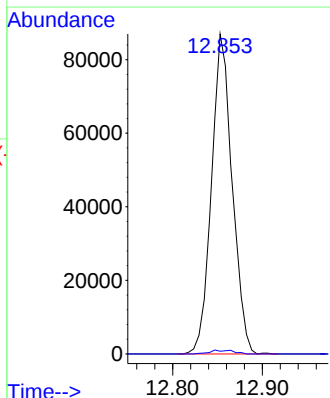
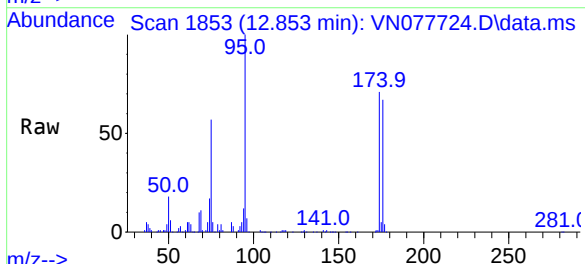
Instrument :
MSVOA_N
ClientSampleId :
MP-1D

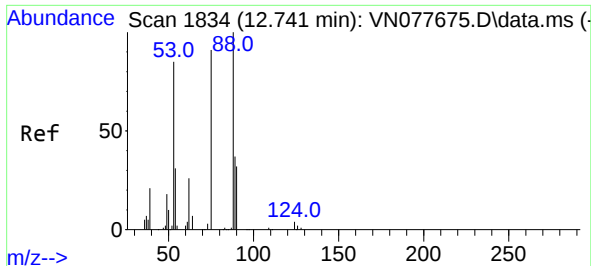
Tgt Ion:152 Resp: 235227
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 159.3 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 23.639 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077724.D
Acq: 17 May 2023 19:18

Tgt Ion: 75 Resp: 139257
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.563 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN077724.D
 Acq: 17 May 2023 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 MP-1D

Tgt Ion: 75 Resp: 139257
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.1 38.8 58.2#

