

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103023\
 Data File : VN079722.D
 Acq On : 30 Oct 2023 13:14
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 31 07:28:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

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

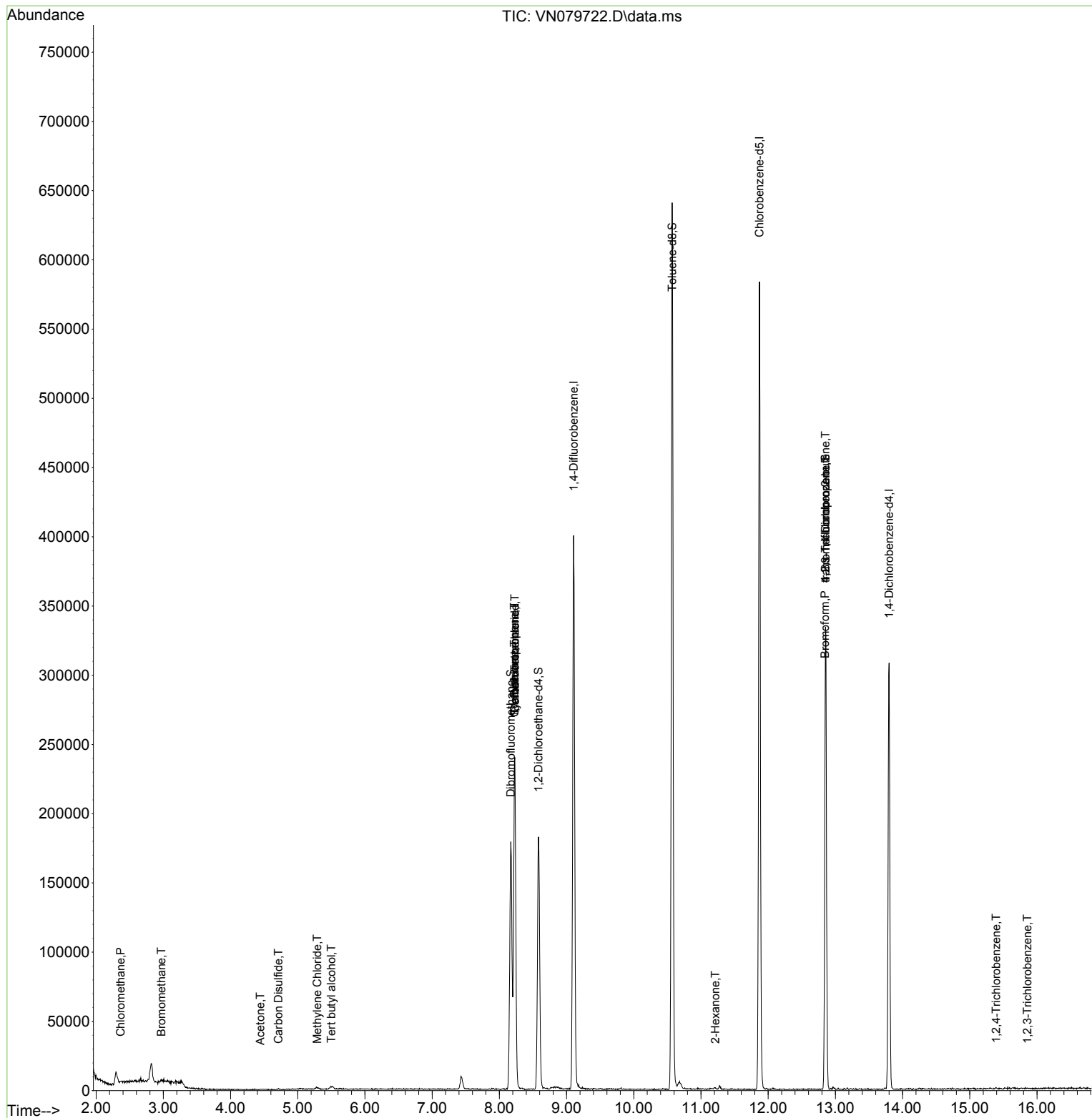
Internal Standards						
1) Pentafluorobenzene	8.230	168	167509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	334182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	330898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	80080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	150061	55.785	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.560%			
35) Dibromofluoromethane	8.171	113	127151	53.248	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.500%			
50) Toluene-d8	10.571	98	433051	48.648	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.300%			
62) 4-Bromofluorobenzene	12.853	95	117346	41.861	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 83.720%			
Target Compounds					Qvalue	
3) Chloromethane	2.365	50	859	0.321	ug/l	93
5) Bromomethane	2.971	94	1127	0.595	ug/l	88
11) Tert butyl alcohol	5.500	59	1486	4.165	ug/l #	72
16) Acetone	4.442	43	419	0.364	ug/l #	40
17) Carbon Disulfide	4.712	76	1225	0.218	ug/l #	75
20) Methylene Chloride	5.289	84	1016	0.446	ug/l #	56
31) Cyclohexane	8.224	56	4580	1.248	ug/l #	37
36) 1,1-Dichloropropene	8.224	75	15841	4.472	ug/l #	47
38) Carbon Tetrachloride	8.230	117	18661	5.282	ug/l #	16
59) 2-Hexanone	11.212	43	724	0.282	ug/l #	54
71) Bromoform	12.847	173	924	0.474	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	65549	30.145	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	65549	90.930	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.394	180	342	0.409	ug/l #	28
96) 1,2,3-Trichlorobenzene	15.859	180	208	0.223	ug/l #	68

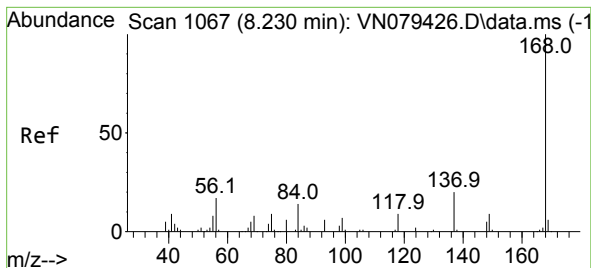
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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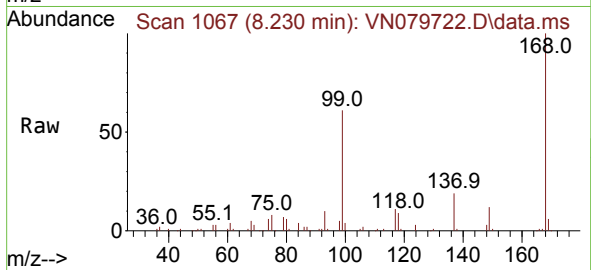
Quant Time: Oct 31 07:28:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
Quant Title : SW846 8260
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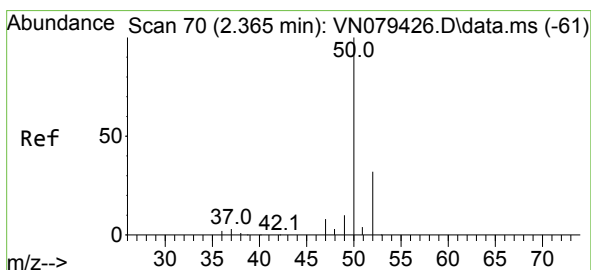
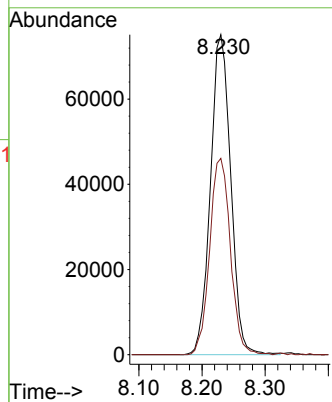
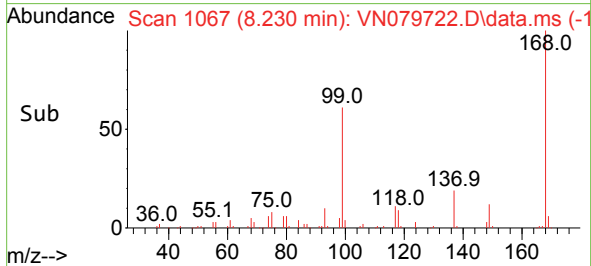


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079722.D
Acq: 30 Oct 2023 13:14

Instrument :
MSVOA_N
ClientSampleId :

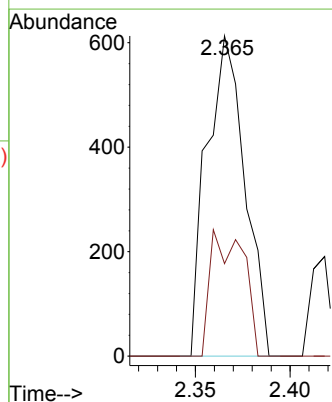
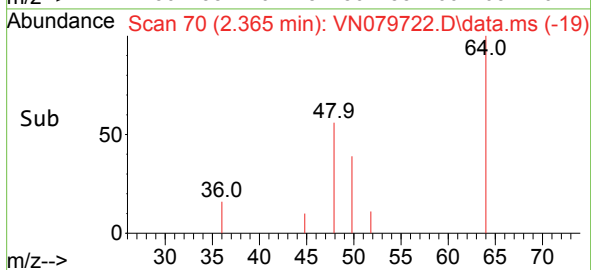
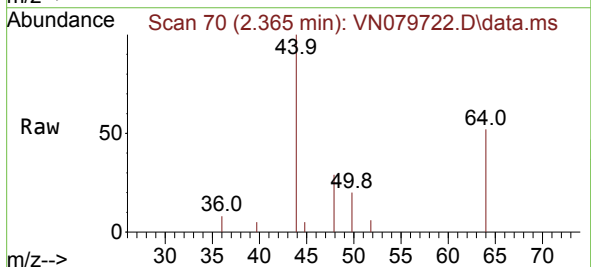


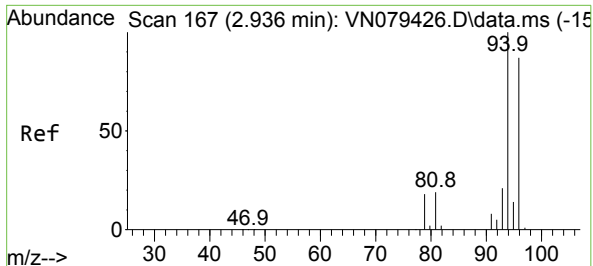
Tgt Ion:168 Resp: 167509
Ion Ratio Lower Upper
168 100
99 61.3 53.0 79.6



#3
Chloromethane
Concen: 0.321 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079722.D
Acq: 30 Oct 2023 13:14

Tgt Ion: 50 Resp: 859
Ion Ratio Lower Upper
50 100
52 28.9 26.5 39.7





#5

Bromomethane

Concen: 0.595 ug/l

RT: 2.971 min Scan# 11

Delta R.T. 0.035 min

Lab File: VN079722.D

Acq: 30 Oct 2023 13:14

Instrument :

MSVOA_N

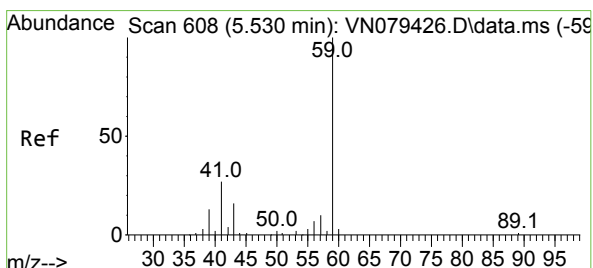
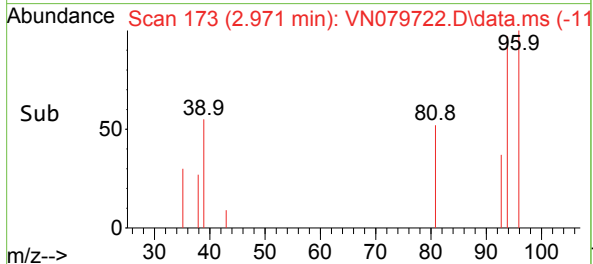
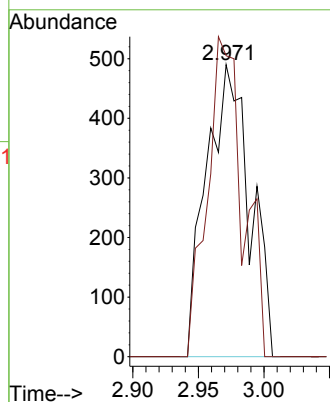
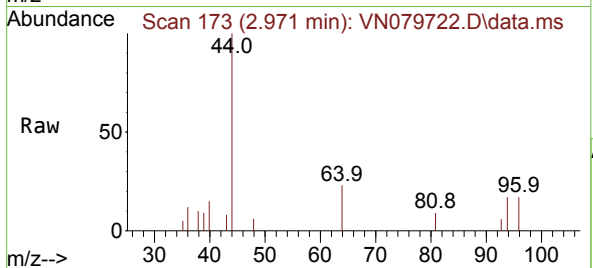
ClientSampleId :

Tgt Ion: 94 Resp: 1127

Ion Ratio Lower Upper

94 100

96 103.1 73.1 109.7



#11

Tert butyl alcohol

Concen: 4.165 ug/l

RT: 5.500 min Scan# 603

Delta R.T. -0.030 min

Lab File: VN079722.D

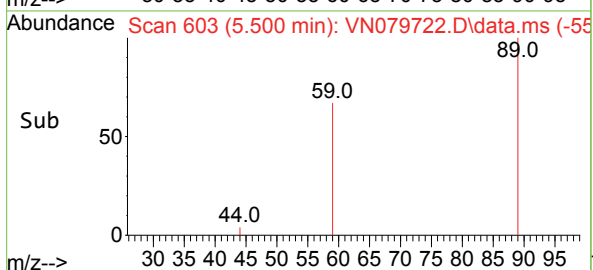
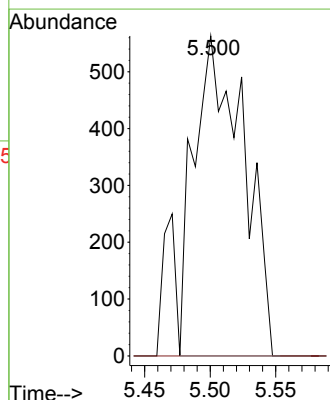
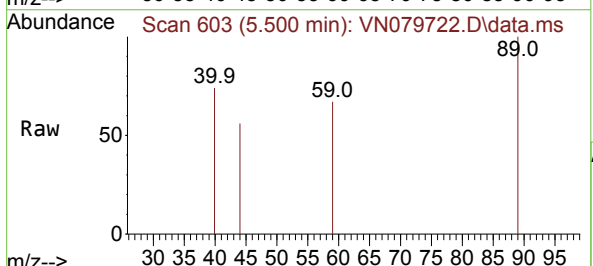
Acq: 30 Oct 2023 13:14

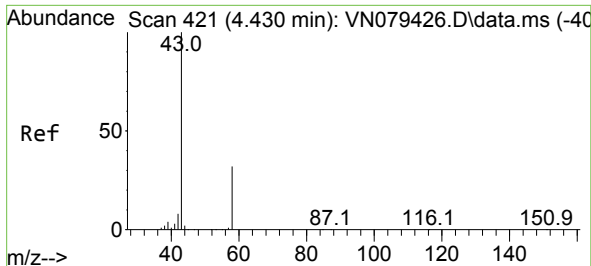
Tgt Ion: 59 Resp: 1486

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#





#16

Acetone

Concen: 0.364 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN079722.D

Acq: 30 Oct 2023 13:14

Instrument :

MSVOA_N

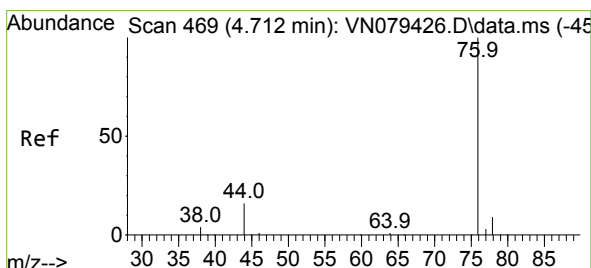
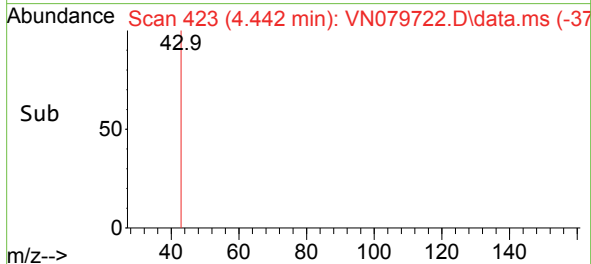
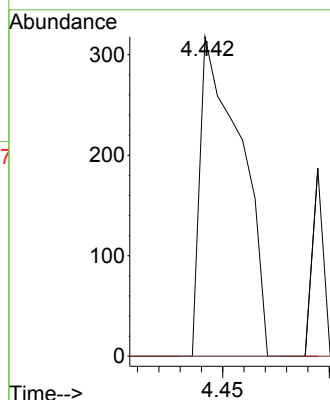
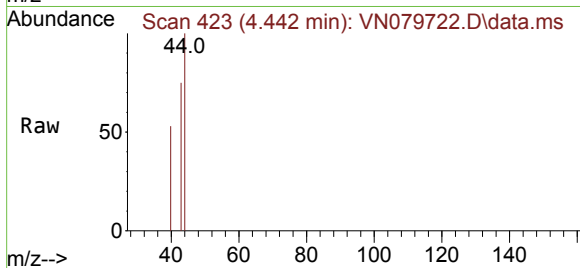
ClientSampleId :

Tgt Ion: 43 Resp: 419

Ion Ratio Lower Upper

43 100

58 0.0 28.0 42.0#



#17

Carbon Disulfide

Concen: 0.218 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN079722.D

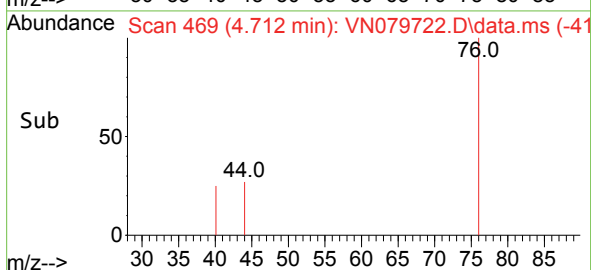
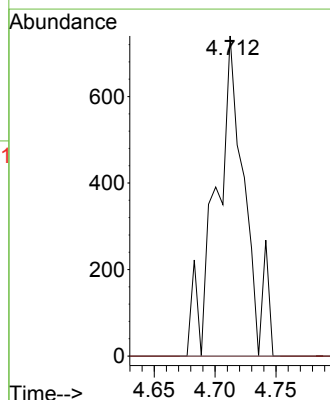
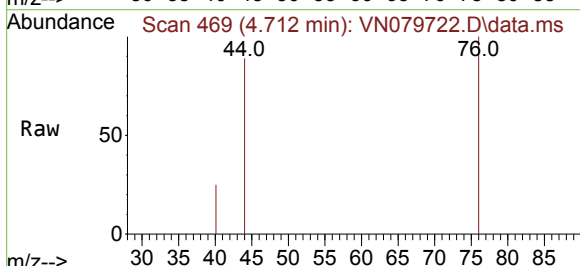
Acq: 30 Oct 2023 13:14

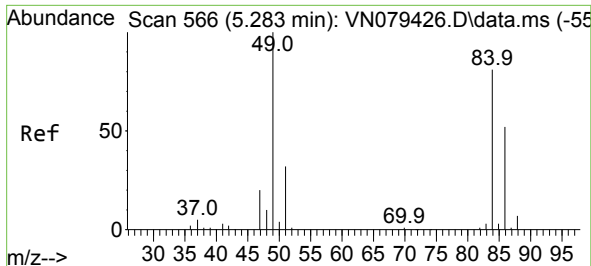
Tgt Ion: 76 Resp: 1225

Ion Ratio Lower Upper

76 100

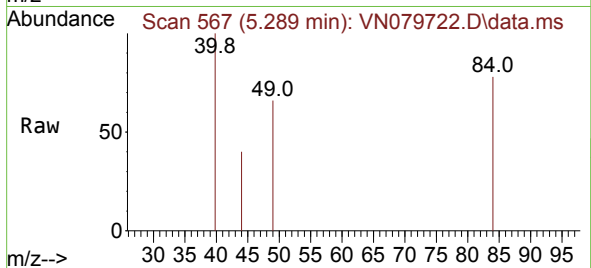
78 0.0 7.4 11.0#





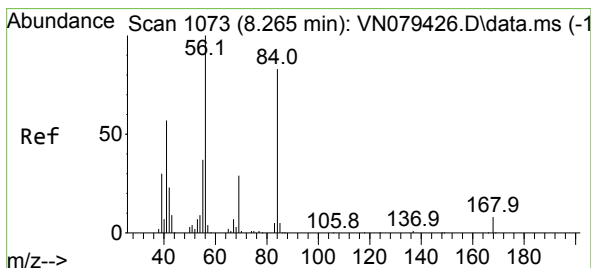
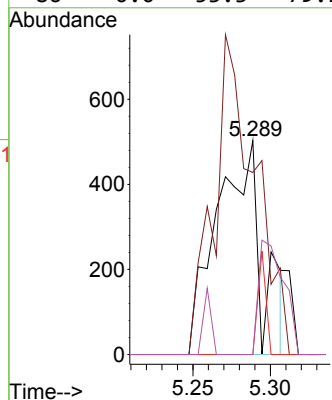
#20
Methylene Chloride
Concen: 0.446 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN079722.D
Acq: 30 Oct 2023 13:14

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 1016

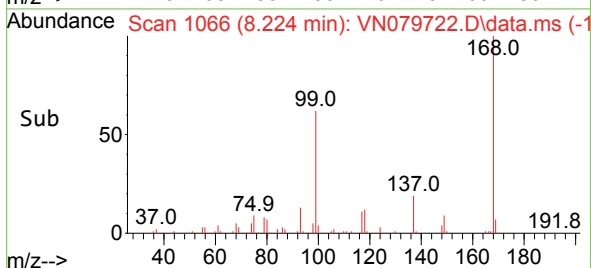
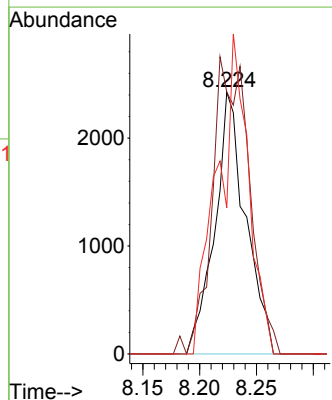
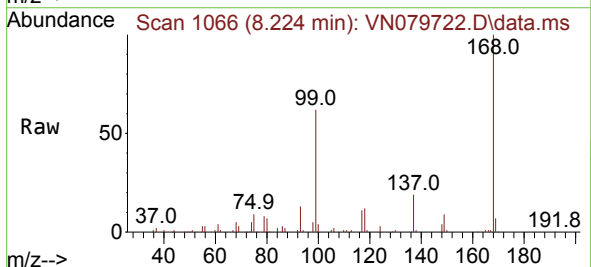
Ion	Ratio	Lower	Upper
84	100		
49	85.1	79.7	119.5
51	0.0	25.2	37.8#
86	0.0	53.3	79.9#

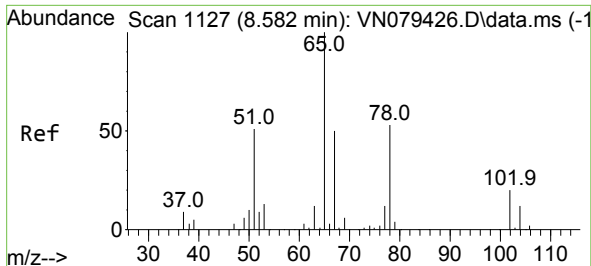


#31
Cyclohexane
Concen: 1.248 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN079722.D
Acq: 30 Oct 2023 13:14

Tgt Ion: 56 Resp: 4580

Ion	Ratio	Lower	Upper
56	100		
69	100.0	26.8	40.2#
84	55.8	81.8	122.6#





#33

1,2-Dichloroethane-d4

Concen: 55.785 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN079722.D

Acq: 30 Oct 2023 13:14

Instrument :

MSVOA_N

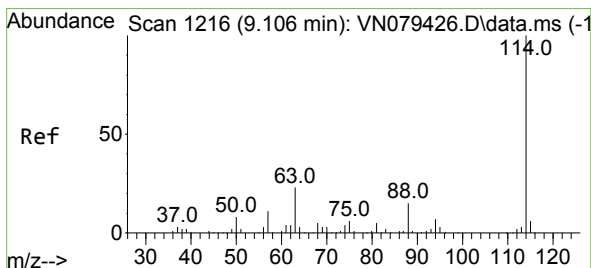
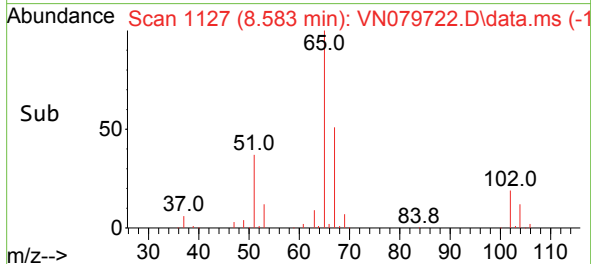
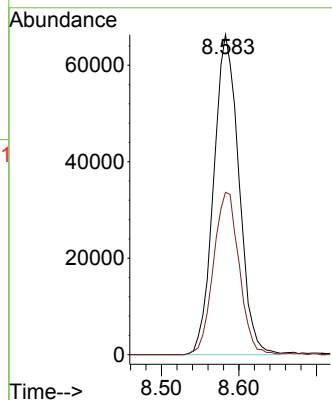
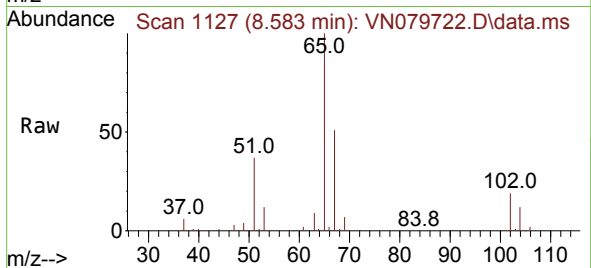
ClientSampleId :

Tgt Ion: 65 Resp: 150061

Ion Ratio Lower Upper

65 100

67 51.8 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: VN079722.D

Acq: 30 Oct 2023 13:14

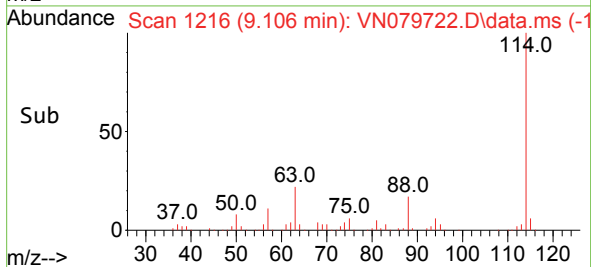
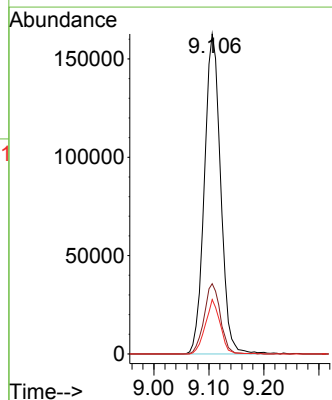
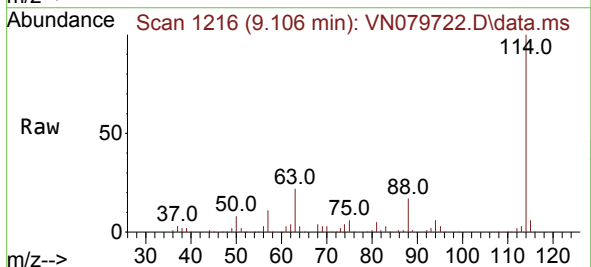
Tgt Ion: 114 Resp: 334182

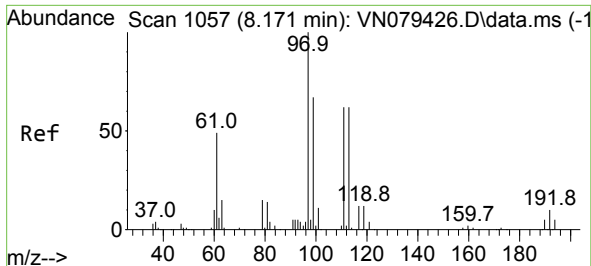
Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.4

88 17.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.248 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

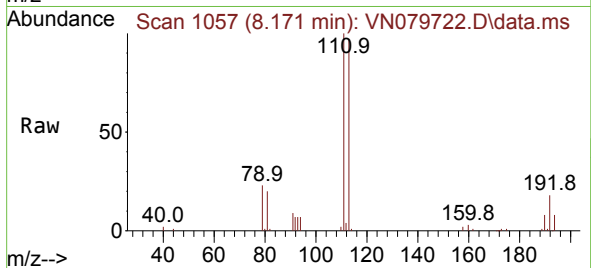
Lab File: VN079722.D

Acq: 30 Oct 2023 13:14

Instrument :

MSVOA_N

ClientSampleId :



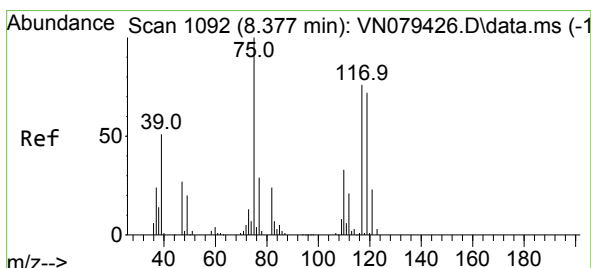
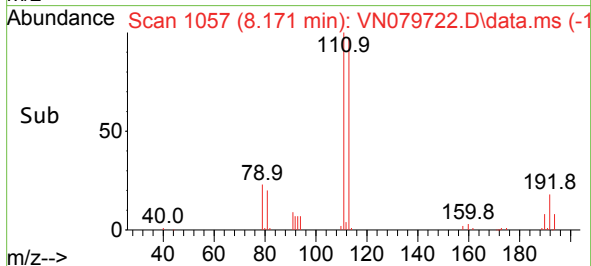
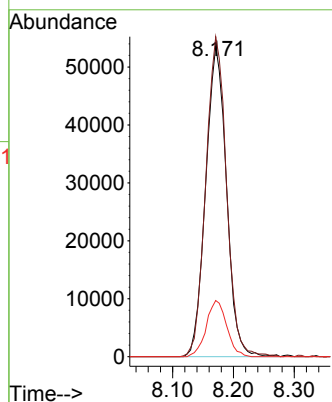
Tgt Ion:113 Resp: 127151

Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

192 17.8 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.472 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN079722.D

Acq: 30 Oct 2023 13:14

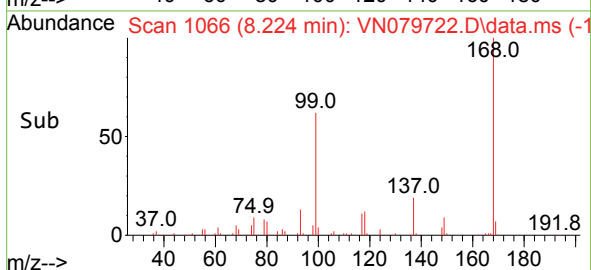
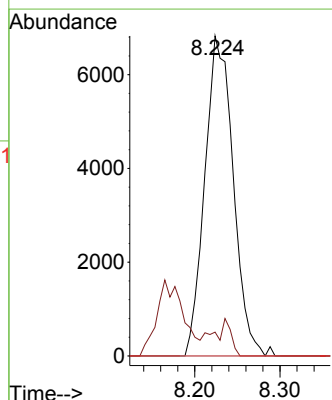
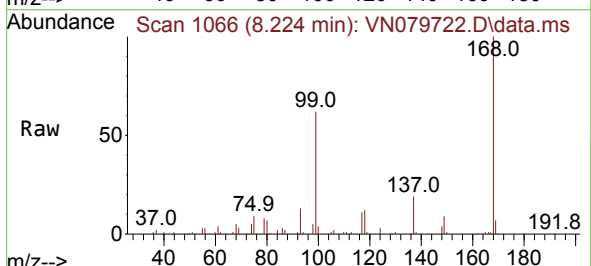
Tgt Ion: 75 Resp: 15841

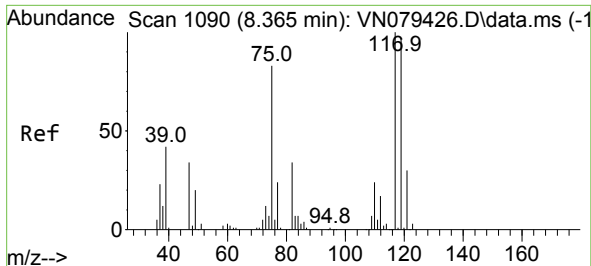
Ion Ratio Lower Upper

75 100

110 7.4 19.1 57.3#

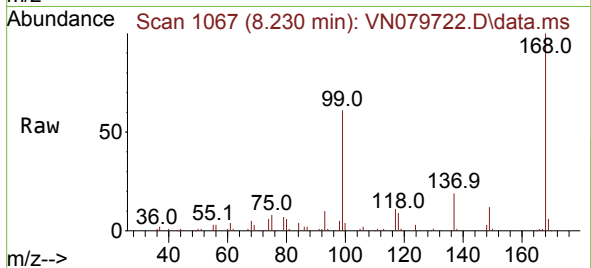
77 0.0 25.0 37.4#



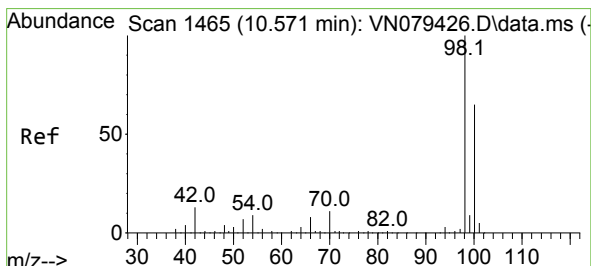
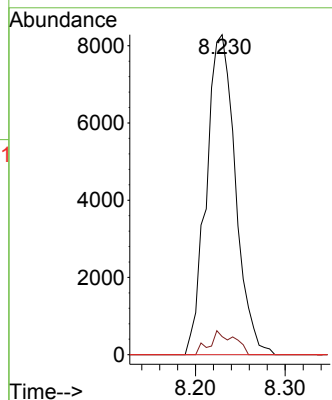
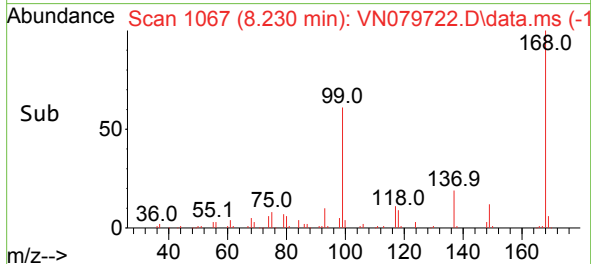


#38
Carbon Tetrachloride
Concen: 5.282 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN079722.D
Acq: 30 Oct 2023 13:14

Instrument :
MSVOA_N
ClientSampleId :

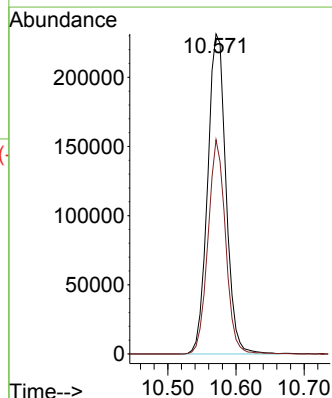
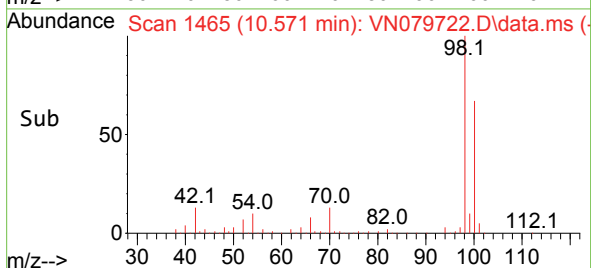
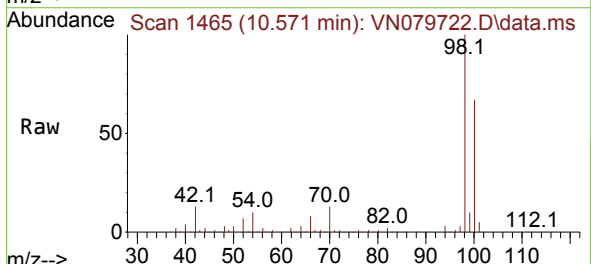


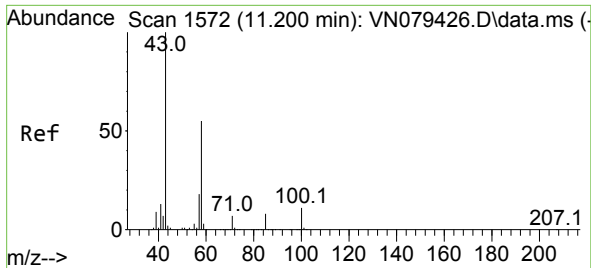
Tgt Ion:117 Resp: 18661
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 48.648 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079722.D
Acq: 30 Oct 2023 13:14

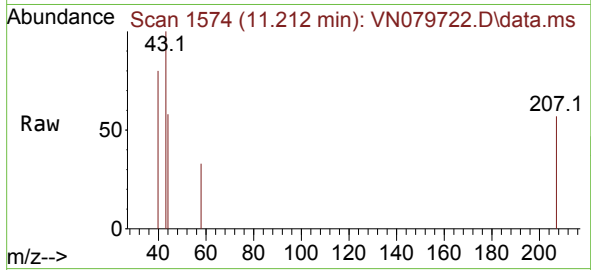
Tgt Ion: 98 Resp: 433051
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



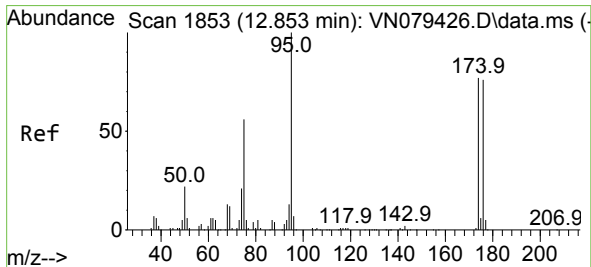
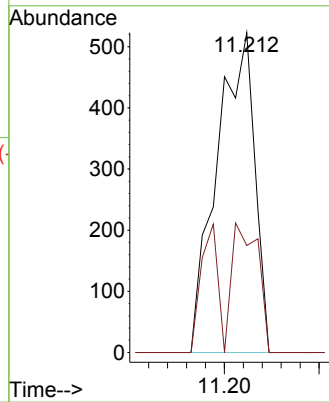
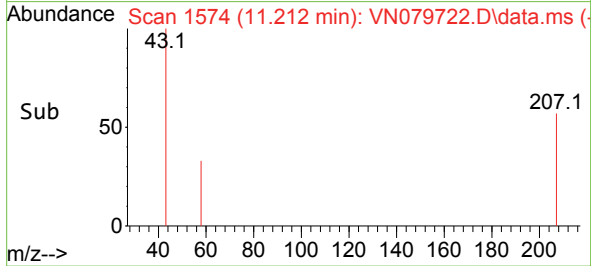


#59
2-Hexanone
Concen: 0.282 ug/l
RT: 11.212 min Scan# 1574
Delta R.T. 0.012 min
Lab File: VN079722.D
Acq: 30 Oct 2023 13:14

Instrument :
MSVOA_N
ClientSampleId :

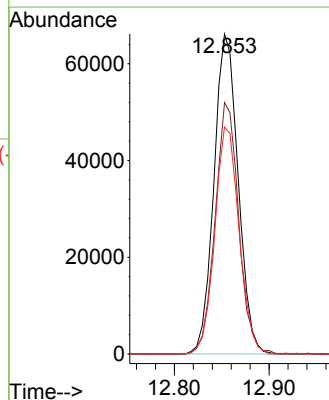
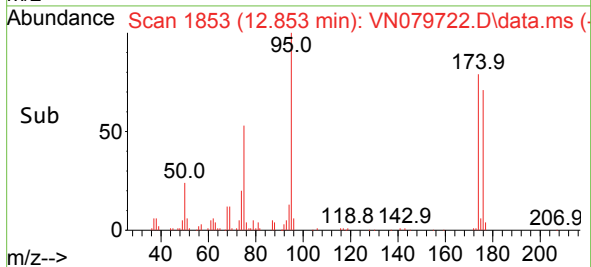
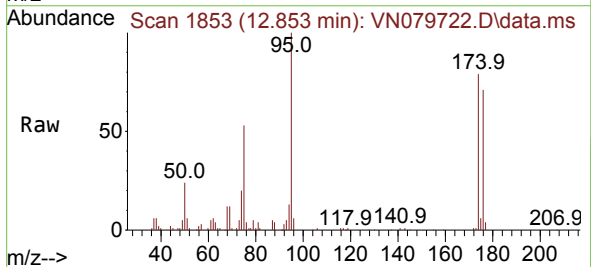


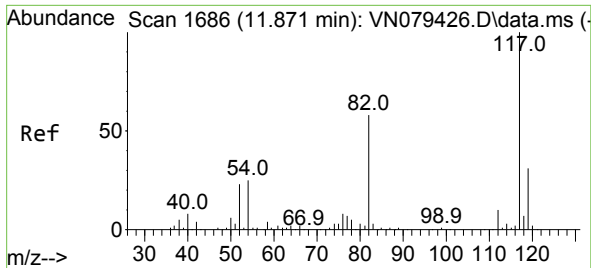
Tgt Ion: 43 Resp: 724
Ion Ratio Lower Upper
43 100
58 27.9 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 41.861 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079722.D
Acq: 30 Oct 2023 13:14

Tgt Ion: 95 Resp: 117346
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 71.4 0.0 135.8

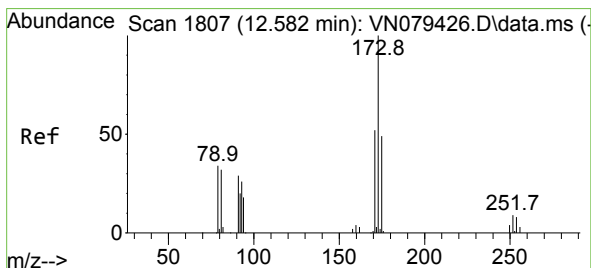
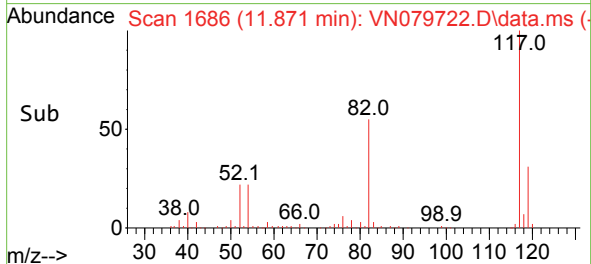
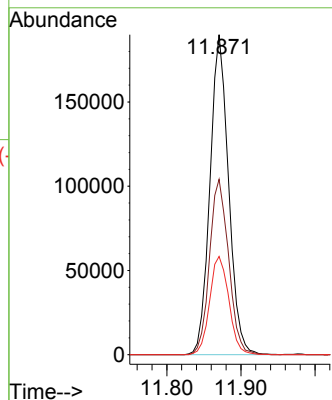
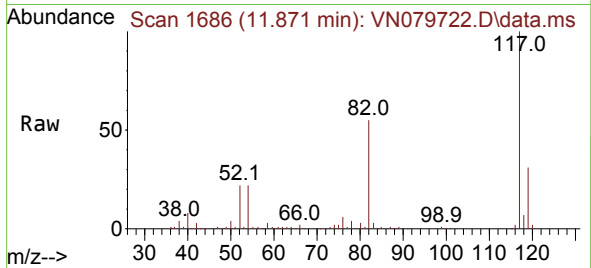




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079722.D
Acq: 30 Oct 2023 13:14

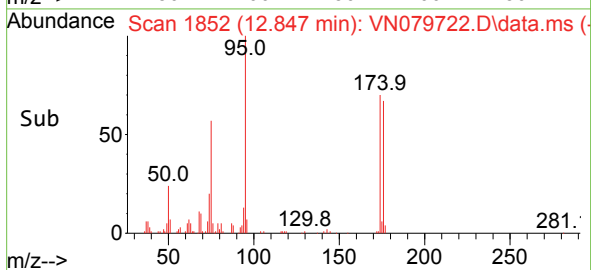
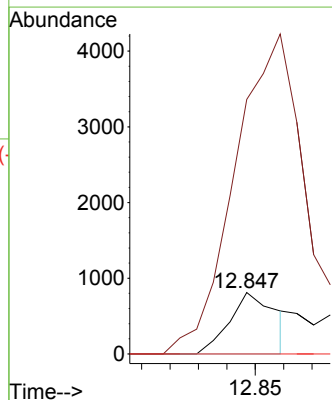
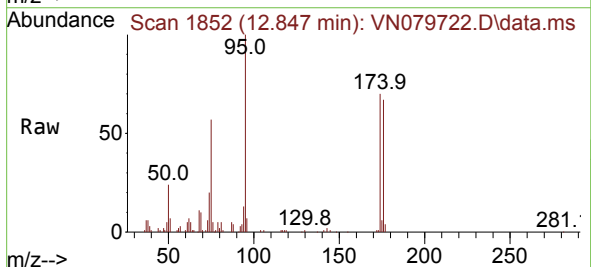
Instrument :
MSVOA_N
ClientSampleId :

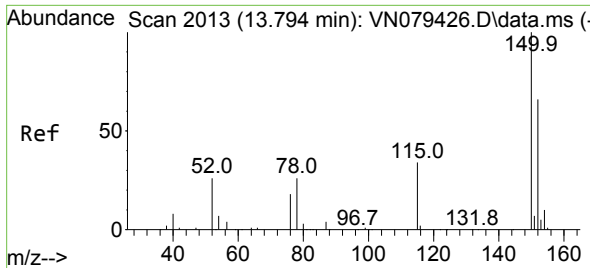
Tgt Ion:117 Resp: 330898
Ion Ratio Lower Upper
117 100
82 54.8 44.0 66.0
119 30.7 25.6 38.4



#71
Bromoform
Concen: 0.474 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN079722.D
Acq: 30 Oct 2023 13:14

Tgt Ion:173 Resp: 924
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0

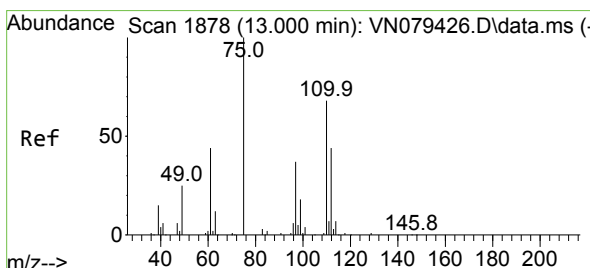
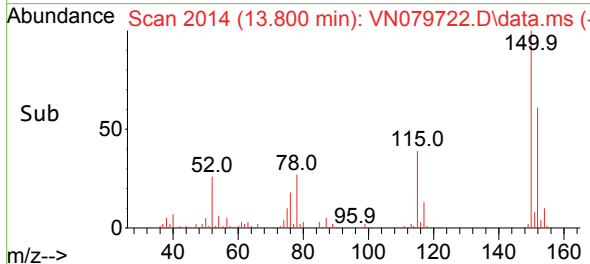
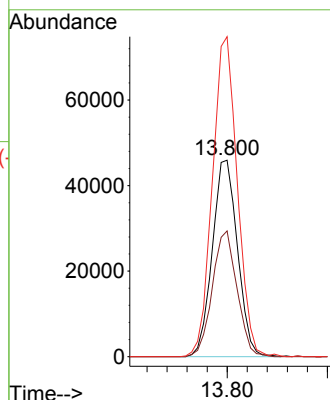
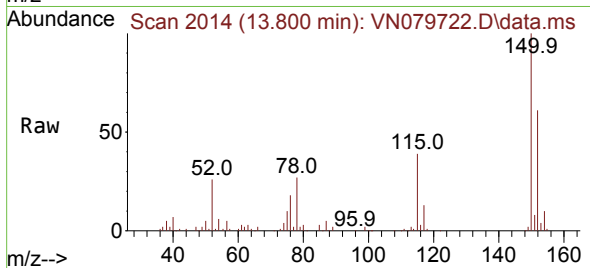




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079722.D
 Acq: 30 Oct 2023 13:14

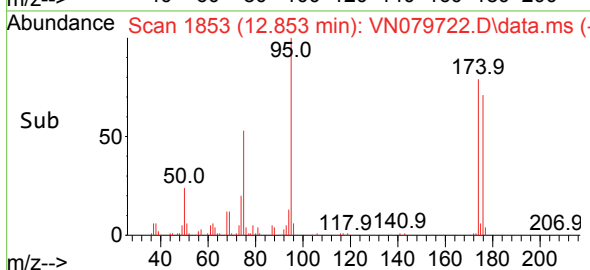
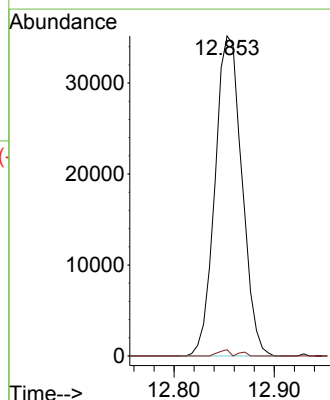
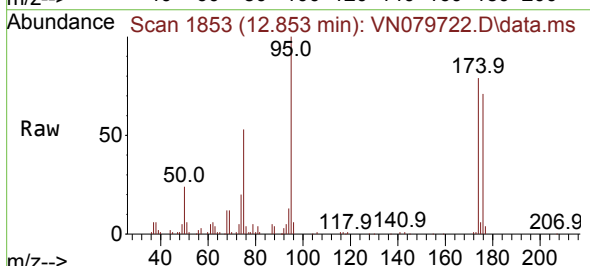
Instrument :
 MSVOA_N
 ClientSampleId :

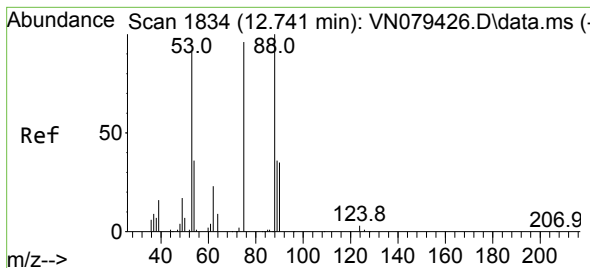
Tgt Ion:152 Resp: 80080
 Ion Ratio Lower Upper
 152 100
 115 62.6 32.3 96.8
 150 161.0 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 30.145 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.147 min
 Lab File: VN079722.D
 Acq: 30 Oct 2023 13:14

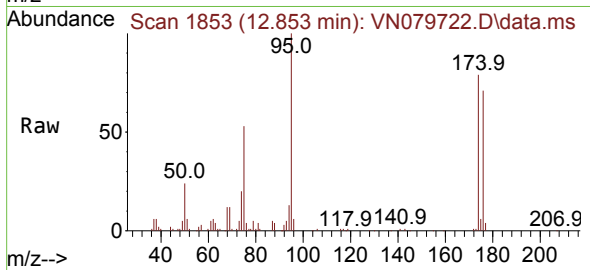
Tgt Ion: 75 Resp: 65549
 Ion Ratio Lower Upper
 75 100
 77 1.2 84.5 253.5#



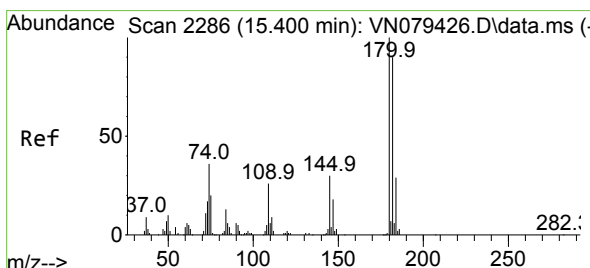
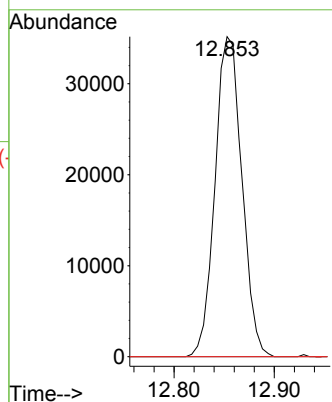
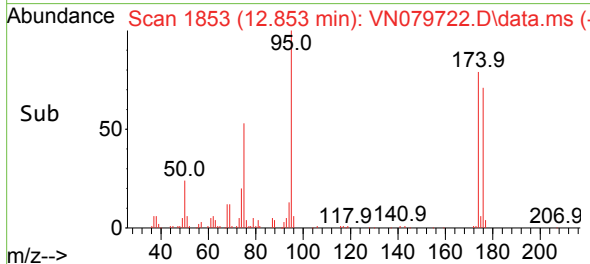


#81
trans-1,4-Dichloro-2-butene
Concen: 90.930 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079722.D
Acq: 30 Oct 2023 13:14

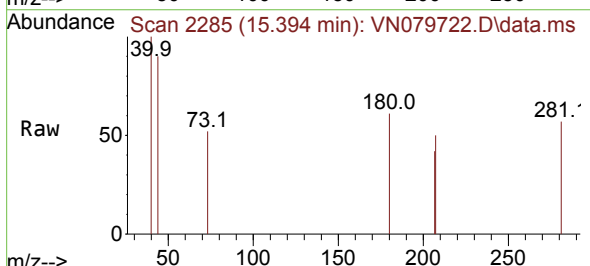
Instrument :
MSVOA_N
ClientSampleId :



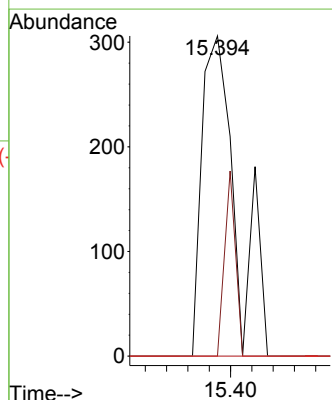
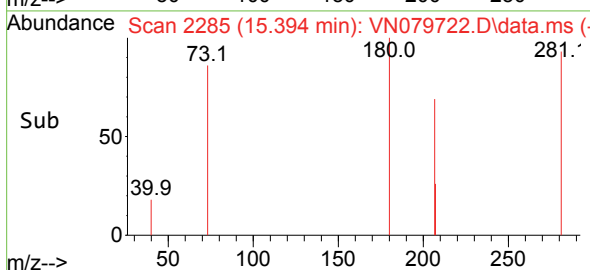
Tgt Ion: 75 Resp: 65549
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

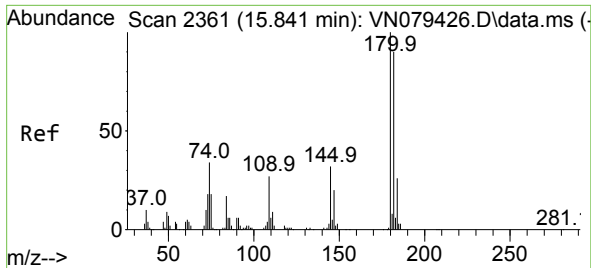


#93
1,2,4-Trichlorobenzene
Concen: 0.409 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.006 min
Lab File: VN079722.D
Acq: 30 Oct 2023 13:14



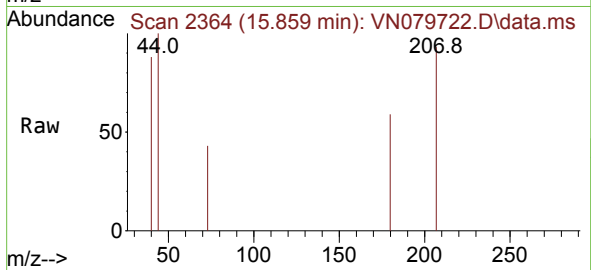
Tgt Ion: 180 Resp: 342
Ion Ratio Lower Upper
180 100
182 18.1 46.1 138.2#
145 0.0 16.6 49.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.223 ug/l
 RT: 15.859 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: VN079722.D
 Acq: 30 Oct 2023 13:14

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	71.6	46.2	138.6
145	0.0	17.5	52.6

