

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
 Data File : VN076961.D
 Acq On : 13 Mar 2023 14:56
 Operator : JC\MD
 Sample : 01846-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Mar 14 07:03:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

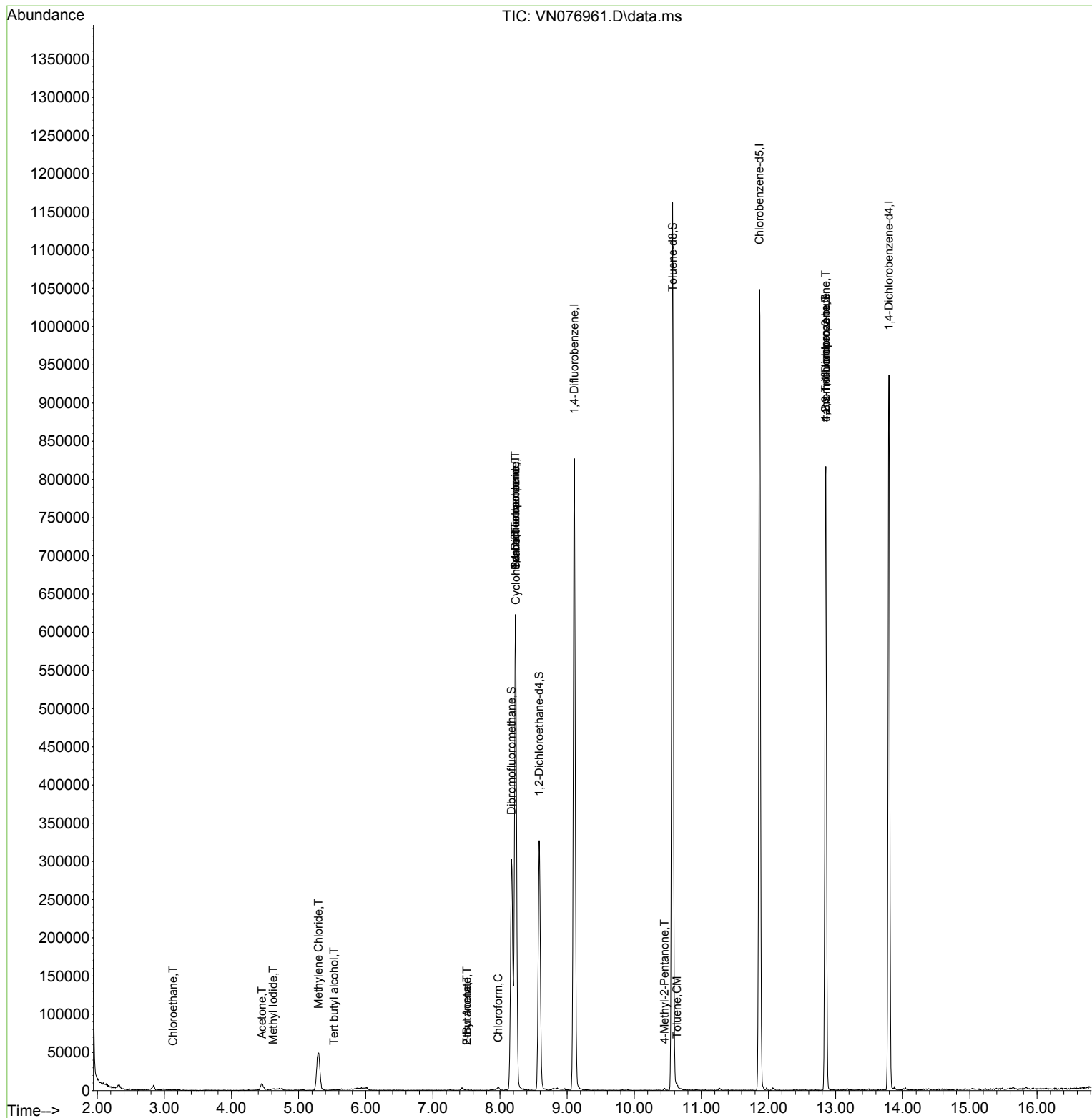
Internal Standards						
1) Pentafluorobenzene	8.230	168	433824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	700811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	612089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	256157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	285867	44.157	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.320%
35) Dibromofluoromethane	8.172	113	216500	46.353	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.700%
50) Toluene-d8	10.572	98	823615	47.847	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.700%
62) 4-Bromofluorobenzene	12.854	95	297730	47.287	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.580%
Target Compounds						
					Qvalue	
6) Chloroethane	3.131	64	570	0.229	ug/l #	42
10) Methyl Iodide	4.619	142	1155	0.212	ug/l #	83
11) Tert butyl alcohol	5.525	59	228	0.253	ug/l #	72
16) Acetone	4.454	43	16039	7.150	ug/l #	85
20) Methylene Chloride	5.295	84	43279	7.503	ug/l	97
25) 2-Butanone	7.507	43	2414	0.757	ug/l #	65
30) Chloroform	7.972	83	4177	0.400	ug/l	86
31) Cyclohexane	8.236	56	10027	1.080	ug/l #	39
36) 1,1-Dichloropropene	8.230	75	36569	5.062	ug/l #	50
37) Ethyl Acetate	7.507	43	2414	0.418	ug/l #	63
38) Carbon Tetrachloride	8.230	117	47571	5.627	ug/l #	16
51) 4-Methyl-2-Pentanone	10.454	43	1540	0.251	ug/l	99
52) Toluene	10.636	92	2654	0.203	ug/l	84
76) 1,2,3-Trichloropropane	12.854	75	157383	25.342	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	157383	82.780	ug/l #	15

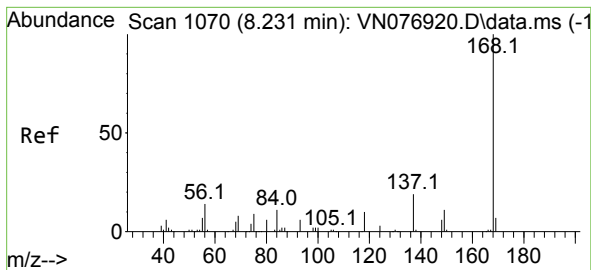
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
Data File : VN076961.D
Acq On : 13 Mar 2023 14:56
Operator : JC\MD
Sample : 01846-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-4

Quant Time: Mar 14 07:03:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN076961.D

Acq: 13 Mar 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

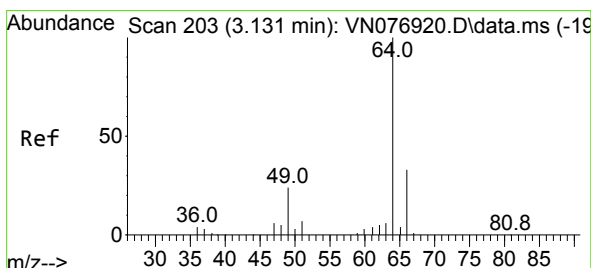
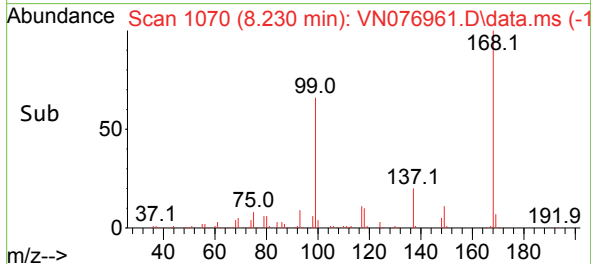
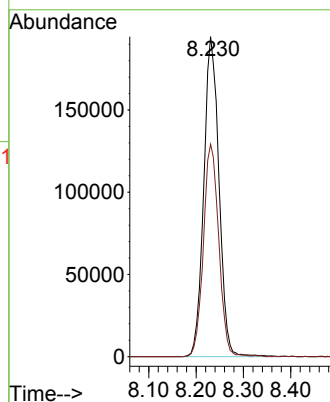
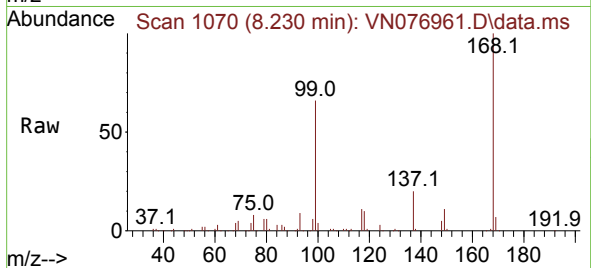
TP-4

Tgt Ion:168 Resp: 433824

Ion Ratio Lower Upper

168 100

99 66.4 48.6 73.0



#6

Chloroethane

Concen: 0.229 ug/l

RT: 3.131 min Scan# 203

Delta R.T. -0.000 min

Lab File: VN076961.D

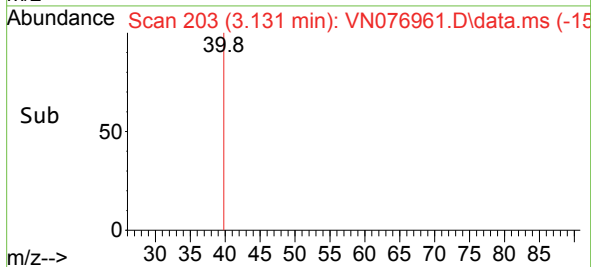
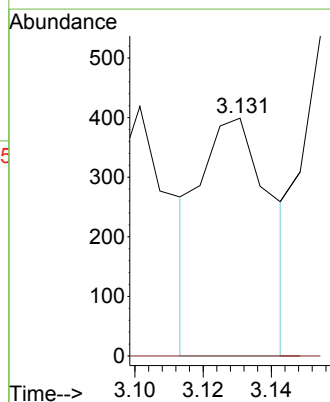
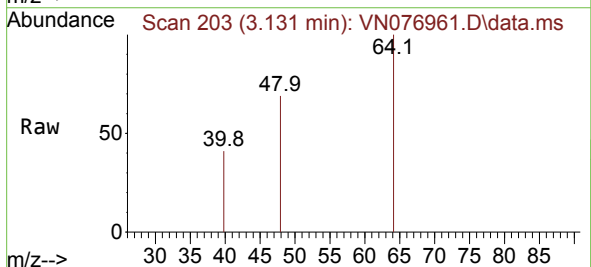
Acq: 13 Mar 2023 14:56

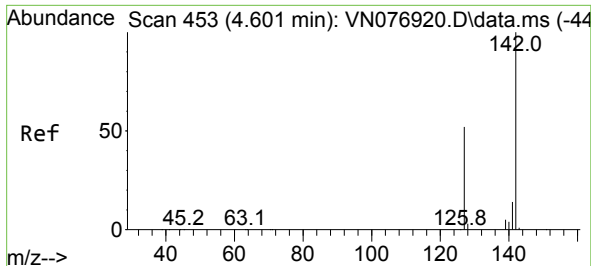
Tgt Ion: 64 Resp: 570

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#

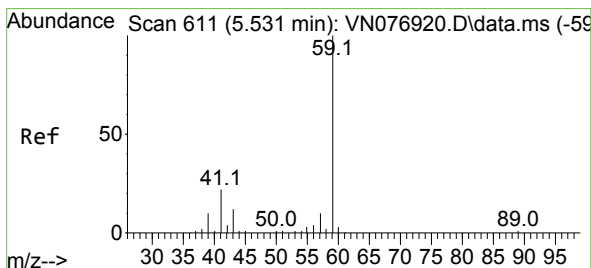
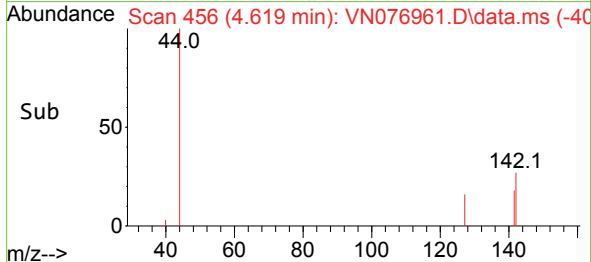
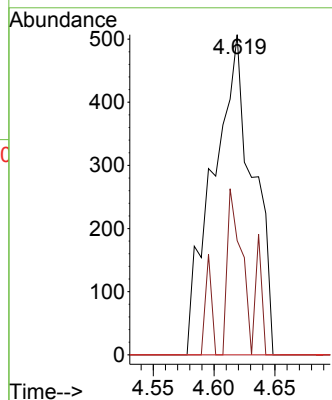
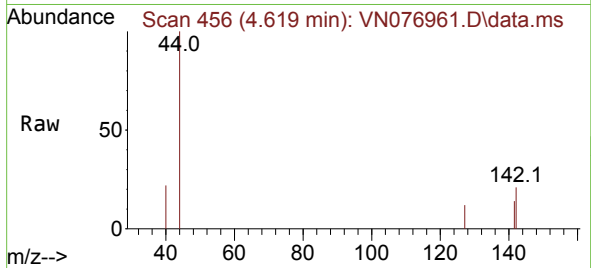




#10
Methyl Iodide
Concen: 0.212 ug/l
RT: 4.619 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN076961.D
Acq: 13 Mar 2023 14:56

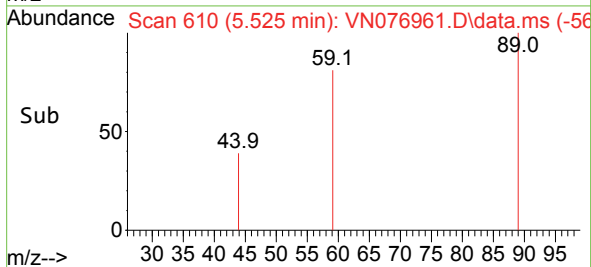
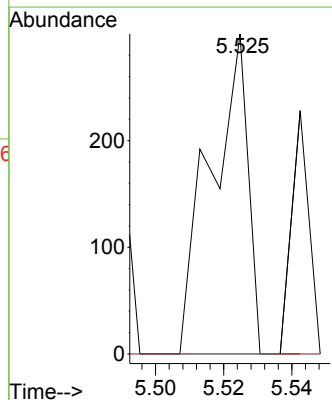
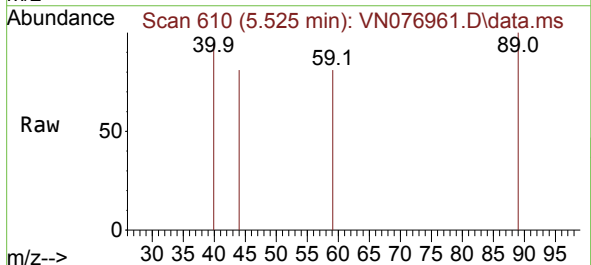
Instrument :
MSVOA_N
ClientSampleId :
TP-4

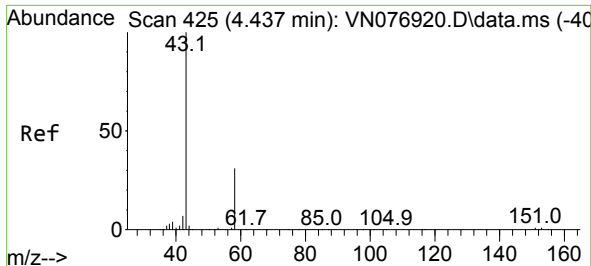
Tgt Ion:142 Resp: 1155
Ion Ratio Lower Upper
142 100
127 35.7 35.2 52.8
141 0.0 10.2 15.2#



#11
Tert butyl alcohol
Concen: 0.253 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN076961.D
Acq: 13 Mar 2023 14:56

Tgt Ion: 59 Resp: 228
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

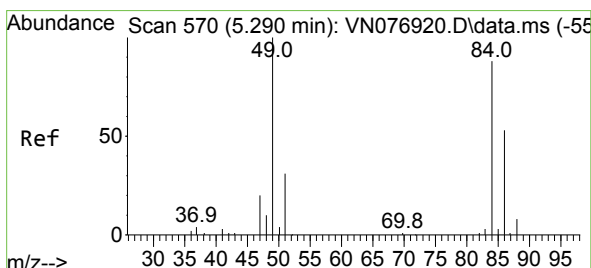
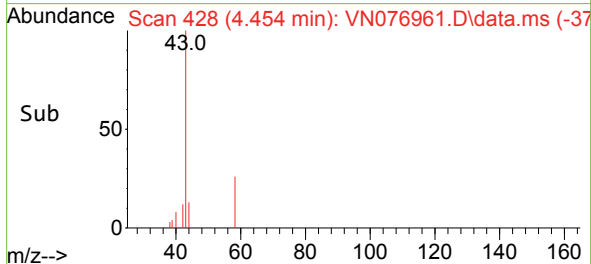
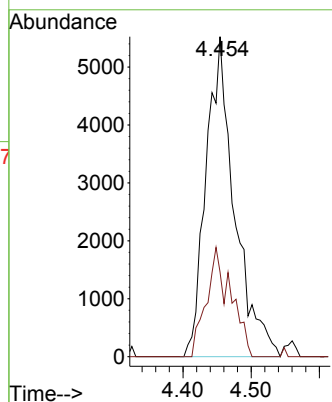
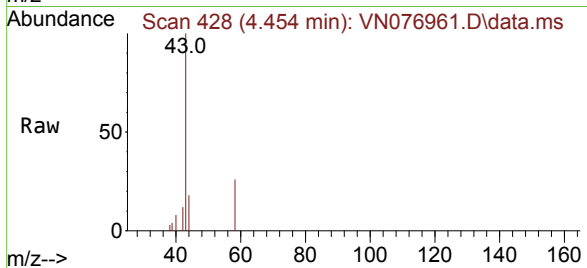




#16
Acetone
Concen: 7.150 ug/l
RT: 4.454 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN076961.D
Acq: 13 Mar 2023 14:56

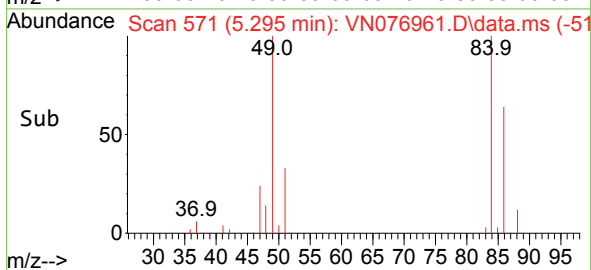
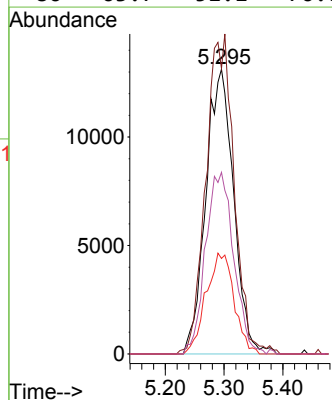
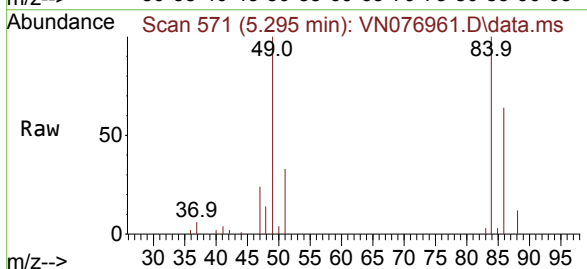
Instrument :
MSVOA_N
ClientSampleId :
TP-4

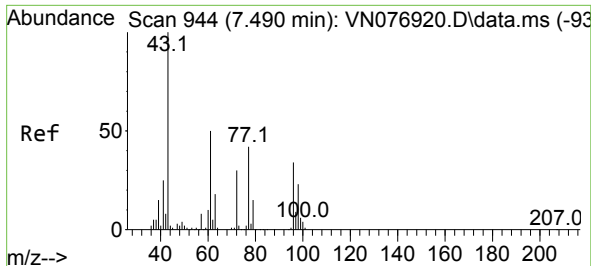
Tgt Ion: 43 Resp: 16039
Ion Ratio Lower Upper
43 100
58 26.4 28.2 42.2#



#20
Methylene Chloride
Concen: 7.503 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.005 min
Lab File: VN076961.D
Acq: 13 Mar 2023 14:56

Tgt Ion: 84 Resp: 43279
Ion Ratio Lower Upper
84 100
49 100.2 76.6 114.8
51 33.5 25.4 38.2
86 63.7 51.1 76.7

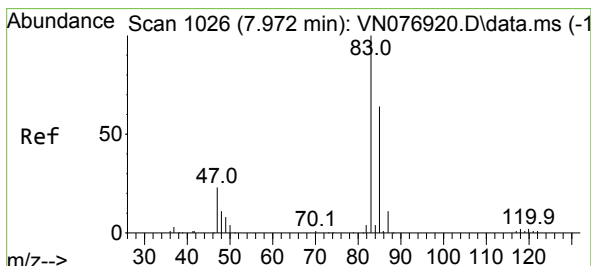
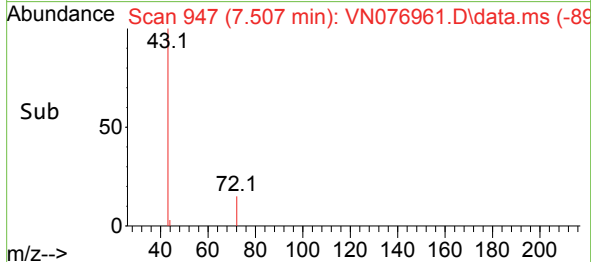
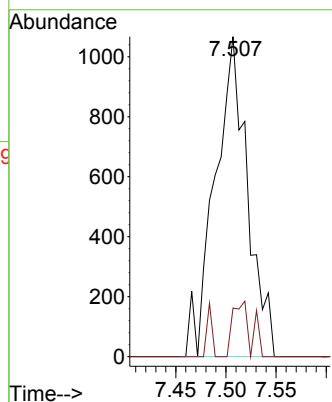
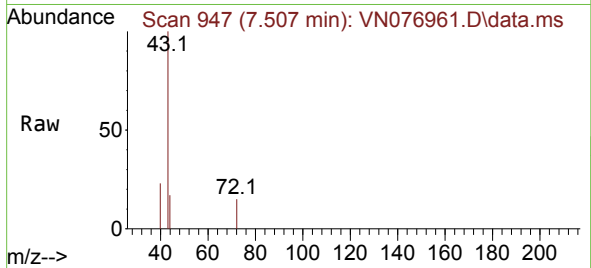




#25
2-Butanone
Concen: 0.757 ug/l
RT: 7.507 min Scan# 944
Delta R.T. 0.017 min
Lab File: VN076961.D
Acq: 13 Mar 2023 14:56

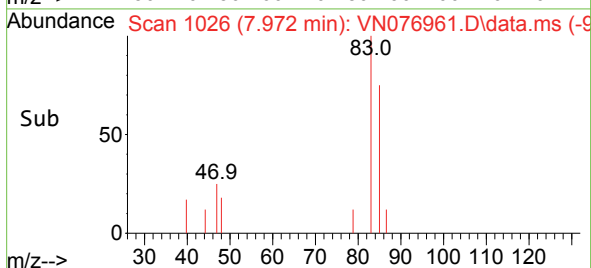
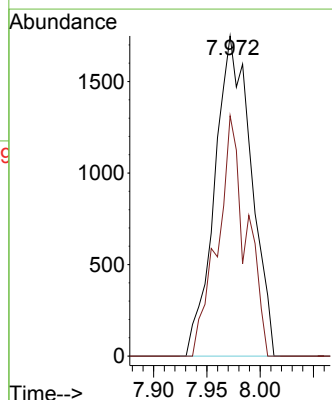
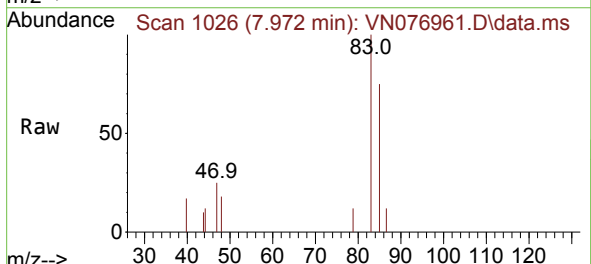
Instrument :
MSVOA_N
ClientSampleId :
TP-4

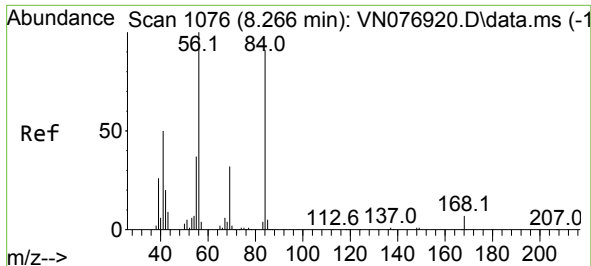
Tgt Ion: 43 Resp: 2414
Ion Ratio Lower Upper
43 100
72 15.2 28.8 43.2#



#30
Chloroform
Concen: 0.400 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN076961.D
Acq: 13 Mar 2023 14:56

Tgt Ion: 83 Resp: 4177
Ion Ratio Lower Upper
83 100
85 75.1 51.3 76.9

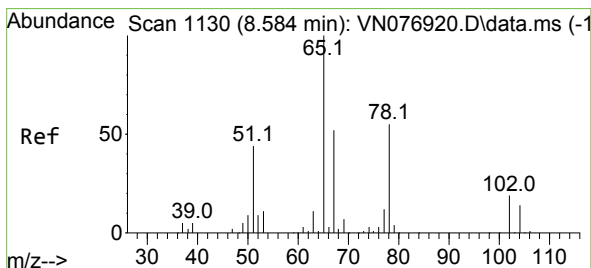
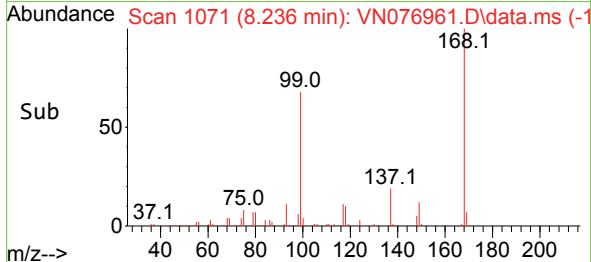
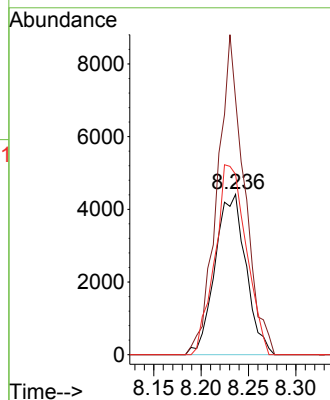
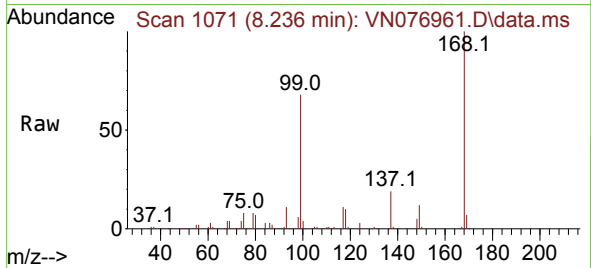




#31
Cyclohexane
Concen: 1.080 ug/l
RT: 8.236 min Scan# 1076
Delta R.T. -0.030 min
Lab File: VN076961.D
Acq: 13 Mar 2023 14:56

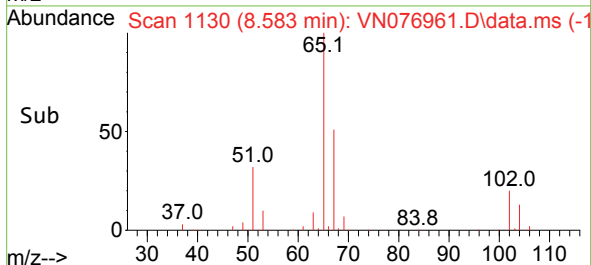
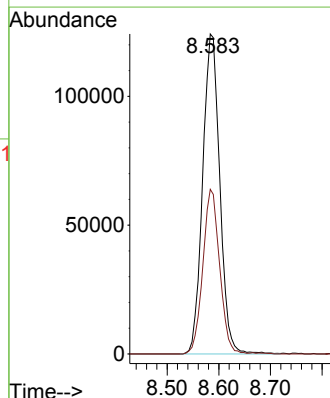
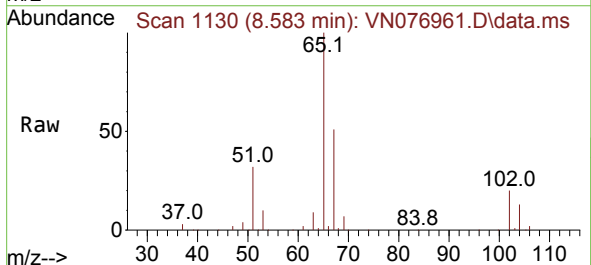
Instrument :
MSVOA_N
ClientSampleId :
TP-4

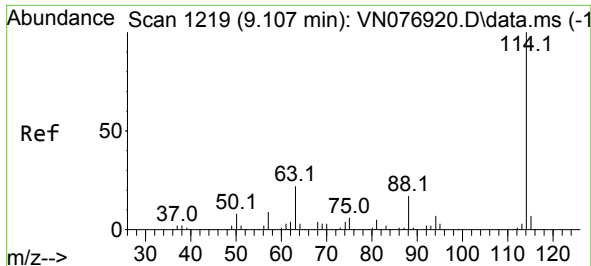
Tgt Ion: 56 Resp: 10027
Ion Ratio Lower Upper
56 100
69 159.3 27.0 40.6#
84 112.5 82.9 124.3



#33
1,2-Dichloroethane-d4
Concen: 44.157 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076961.D
Acq: 13 Mar 2023 14:56

Tgt Ion: 65 Resp: 285867
Ion Ratio Lower Upper
65 100
67 50.3 0.0 107.2

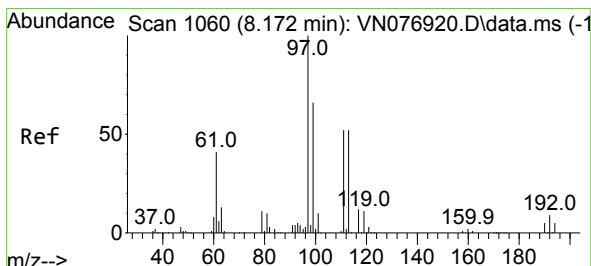
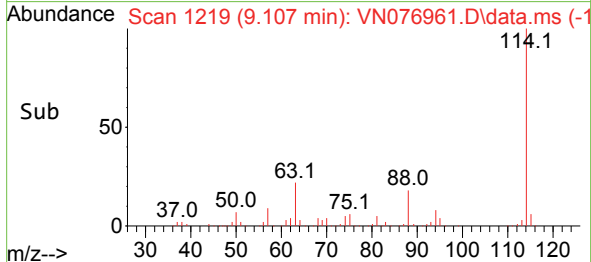
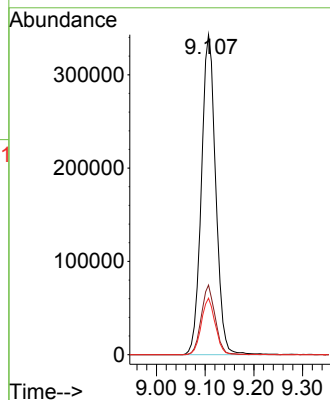
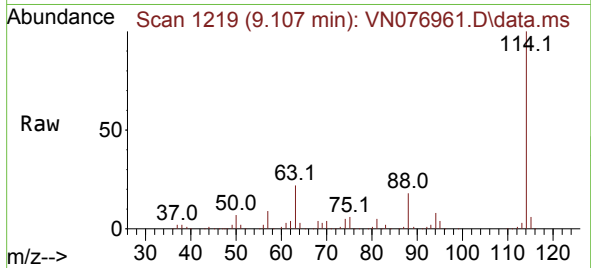




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076961.D
Acq: 13 Mar 2023 14:56

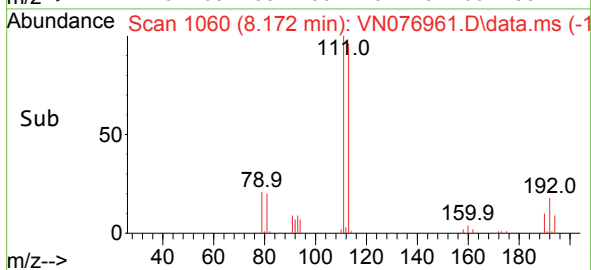
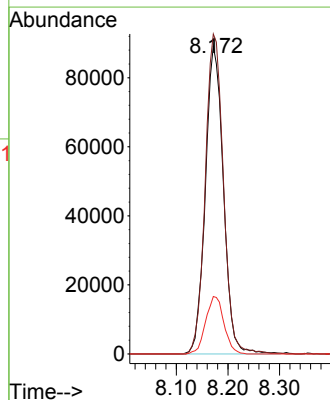
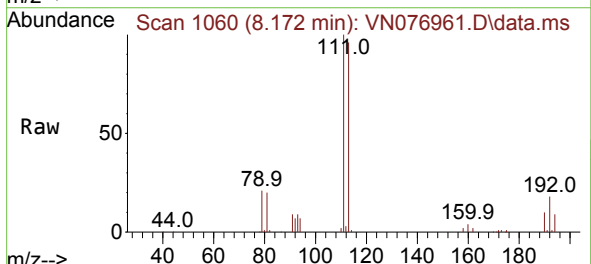
Instrument :
MSVOA_N
ClientSampleId :
TP-4

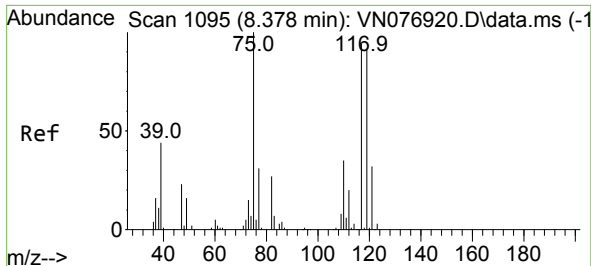
Tgt Ion:114 Resp: 700811
Ion Ratio Lower Upper
114 100
63 21.8 0.0 36.6
88 17.7 0.0 28.6



#35
Dibromofluoromethane
Concen: 46.353 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076961.D
Acq: 13 Mar 2023 14:56

Tgt Ion:113 Resp: 216500
Ion Ratio Lower Upper
113 100
111 104.4 81.8 122.8
192 18.8 13.9 20.9

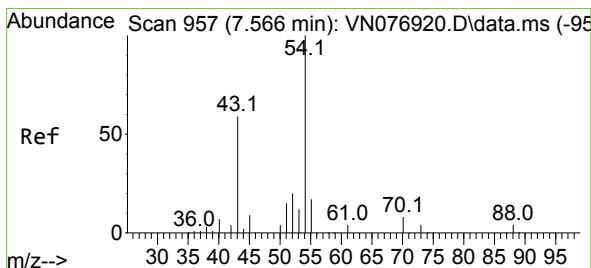
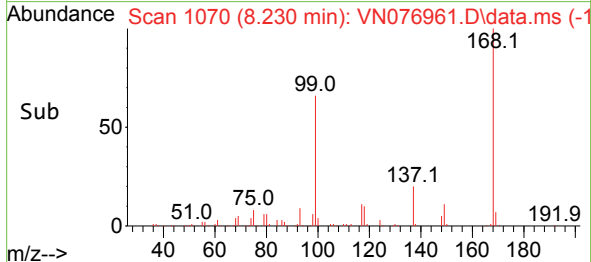
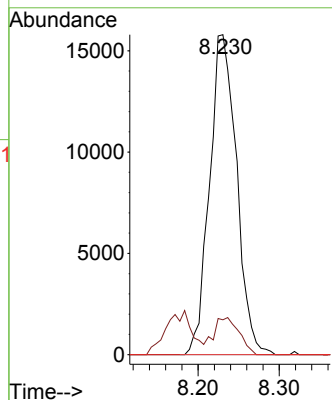
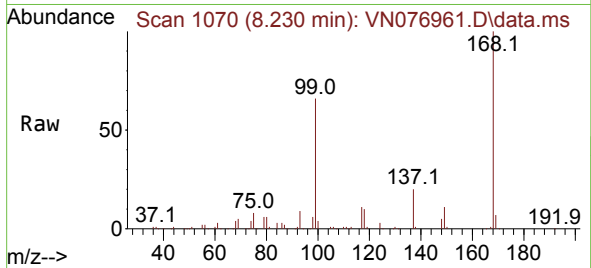




#36
1,1-Dichloropropene
Concen: 5.062 ug/l
RT: 8.230 min Scan# 1095
Delta R.T. -0.148 min
Lab File: VN076961.D
Acq: 13 Mar 2023 14:56

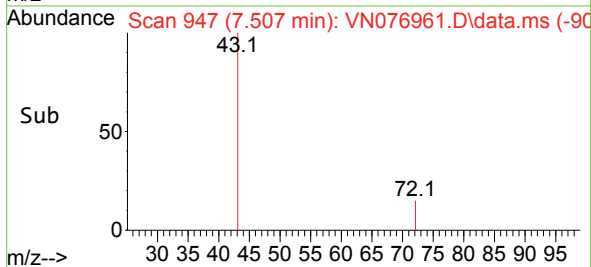
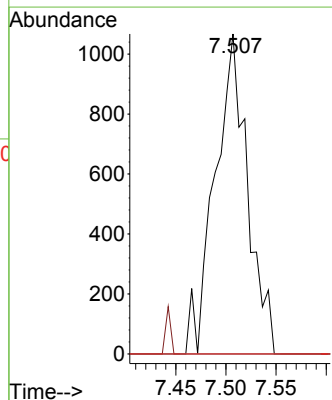
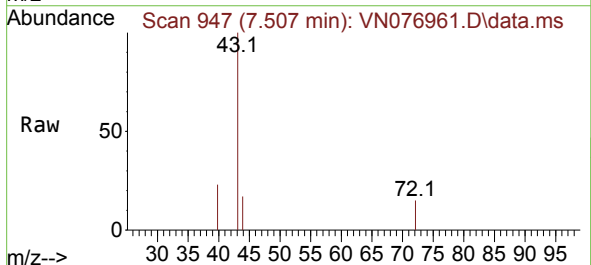
Instrument :
MSVOA_N
ClientSampleId :
TP-4

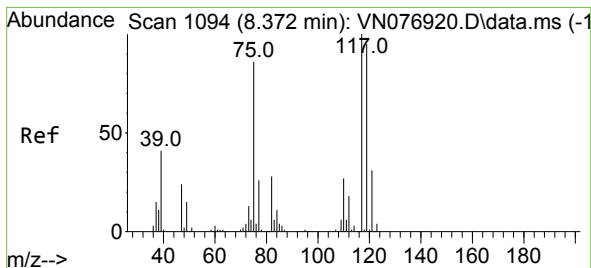
Tgt Ion: 75 Resp: 36569
Ion Ratio Lower Upper
75 100
110 11.0 18.9 56.9#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 0.418 ug/l
RT: 7.507 min Scan# 947
Delta R.T. -0.059 min
Lab File: VN076961.D
Acq: 13 Mar 2023 14:56

Tgt Ion: 43 Resp: 2414
Ion Ratio Lower Upper
43 100
61 0.0 13.5 20.3#
70 0.0 11.0 16.6#





#38

Carbon Tetrachloride

Concen: 5.627 ug/l

RT: 8.230 min Scan# 1094

Delta R.T. -0.142 min

Lab File: VN076961.D

Acq: 13 Mar 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

TP-4

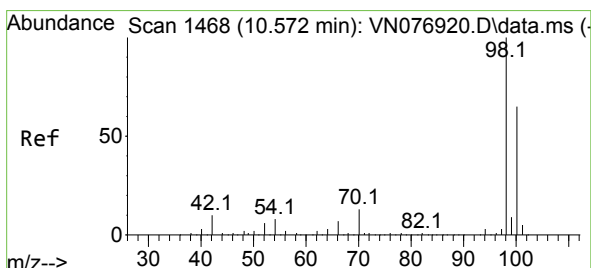
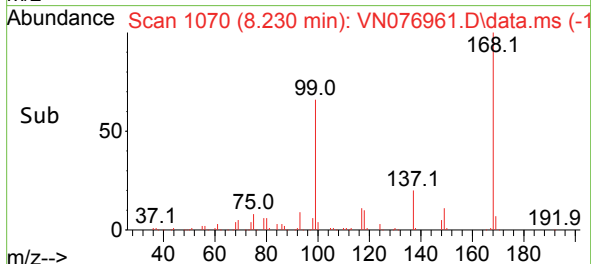
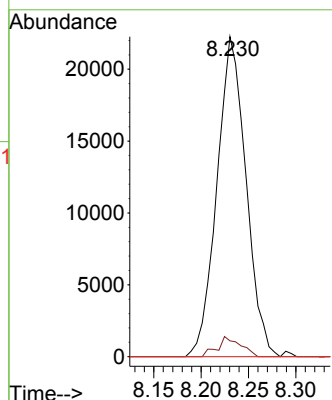
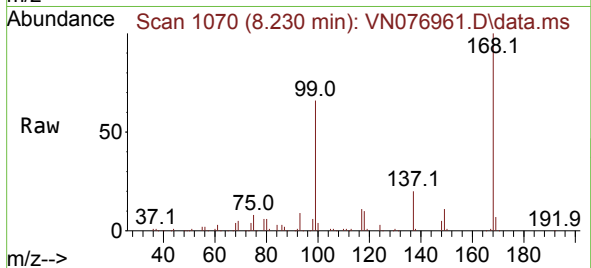
Tgt Ion:117 Resp: 47571

Ion Ratio Lower Upper

117 100

119 5.0 76.9 115.3#

121 0.0 23.2 34.8#



#50

Toluene-d8

Concen: 47.847 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN076961.D

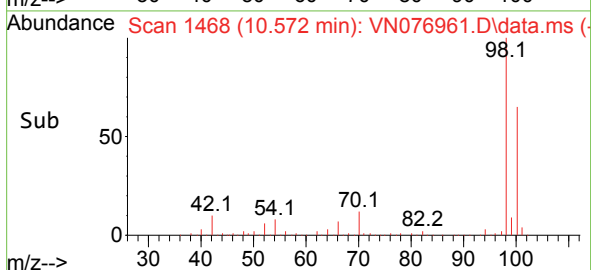
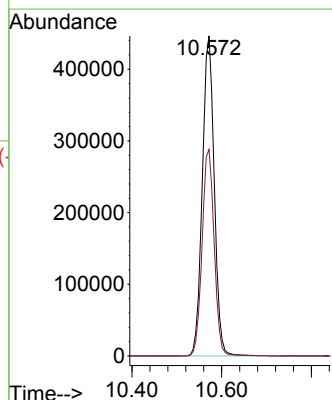
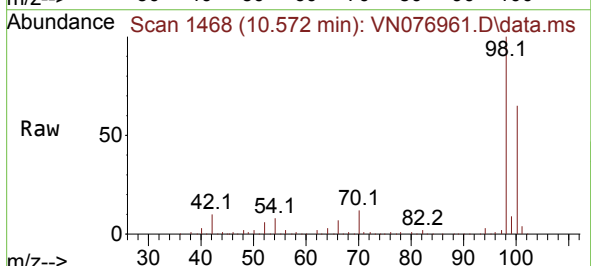
Acq: 13 Mar 2023 14:56

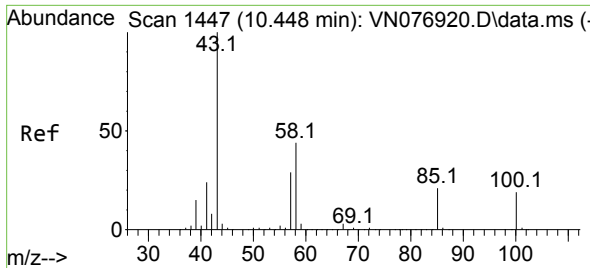
Tgt Ion: 98 Resp: 823615

Ion Ratio Lower Upper

98 100

100 65.3 52.8 79.2

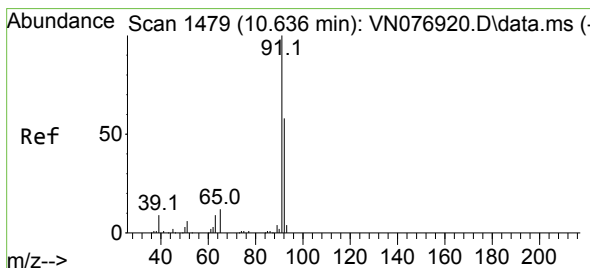
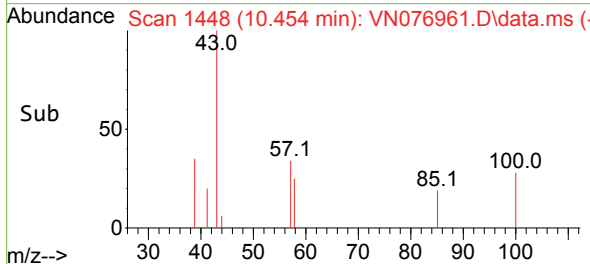
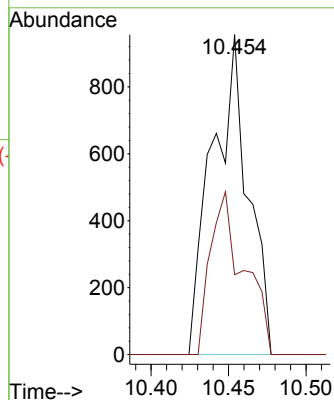
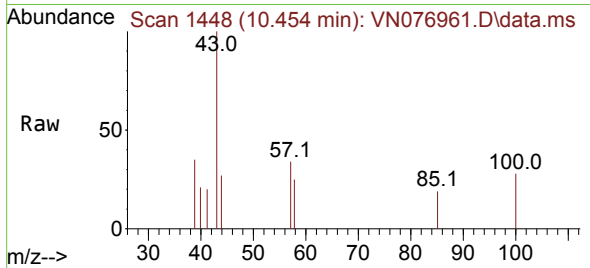




#51
4-Methyl-2-Pentanone
Concen: 0.251 ug/l
RT: 10.454 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN076961.D
Acq: 13 Mar 2023 14:56

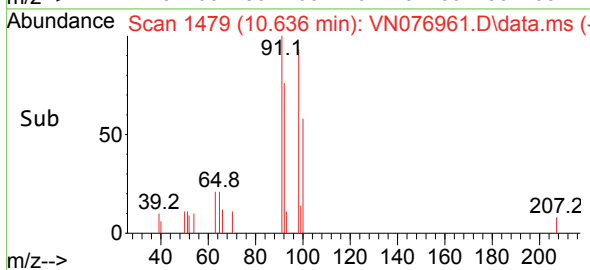
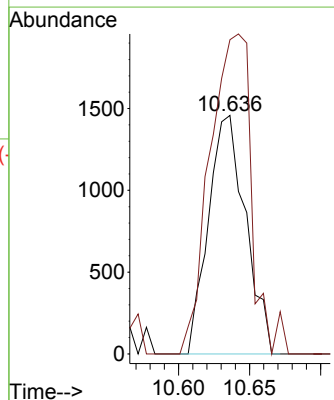
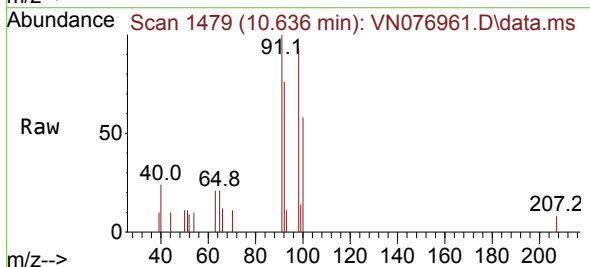
Instrument :
MSVOA_N
ClientSampleId :
TP-4

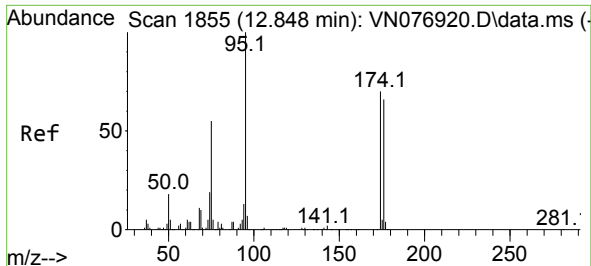
Tgt Ion: 43 Resp: 1540
Ion Ratio Lower Upper
43 100
58 47.5 37.4 56.0



#52
Toluene
Concen: 0.203 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VN076961.D
Acq: 13 Mar 2023 14:56

Tgt Ion: 92 Resp: 2654
Ion Ratio Lower Upper
92 100
91 150.5 138.2 207.2

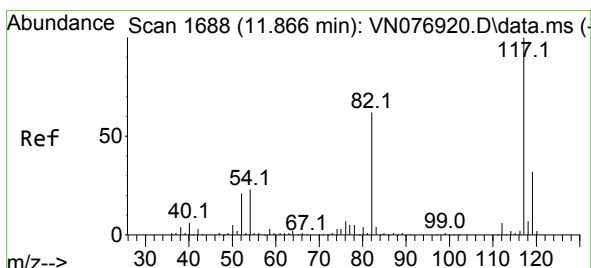
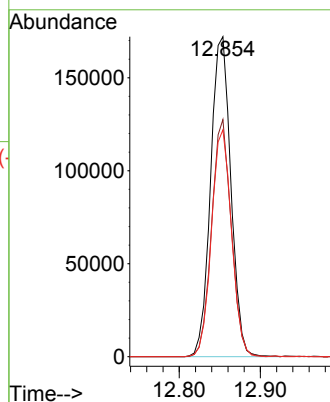
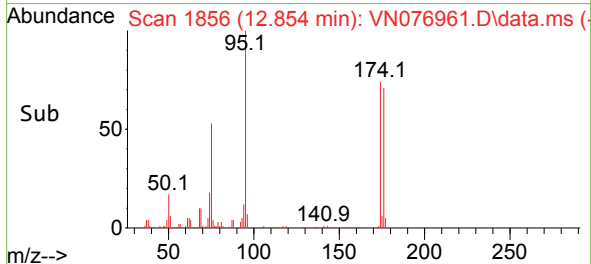
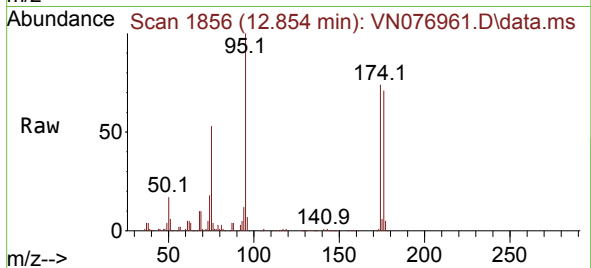




#62
4-Bromofluorobenzene
Concen: 47.287 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076961.D
Acq: 13 Mar 2023 14:56

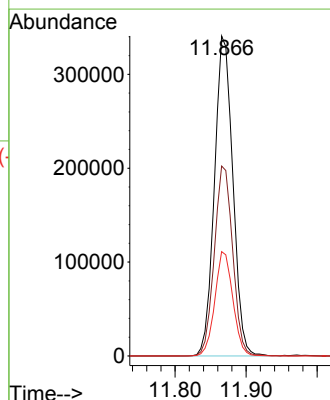
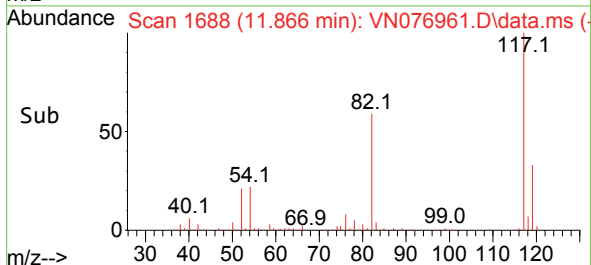
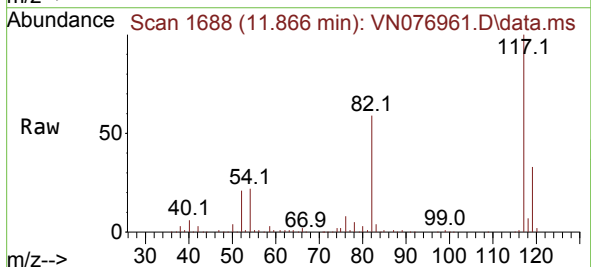
Instrument :
MSVOA_N
ClientSampleId :
TP-4

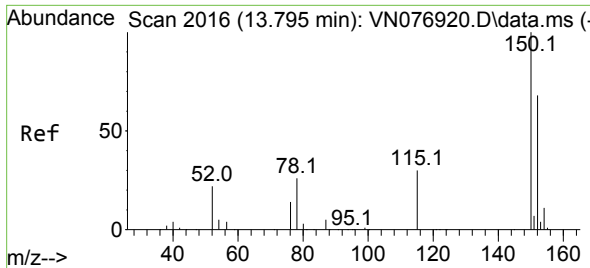
Tgt Ion: 95 Resp: 297730
Ion Ratio Lower Upper
95 100
174 71.9 0.0 162.4
176 70.2 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076961.D
Acq: 13 Mar 2023 14:56

Tgt Ion: 117 Resp: 612089
Ion Ratio Lower Upper
117 100
82 59.4 43.5 65.3
119 32.6 25.5 38.3

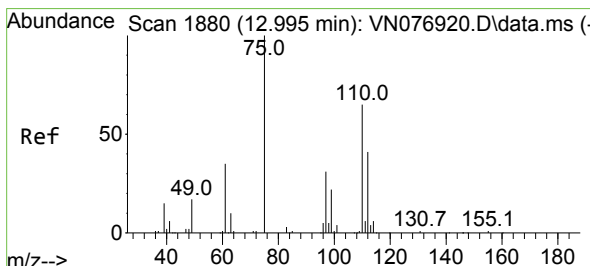
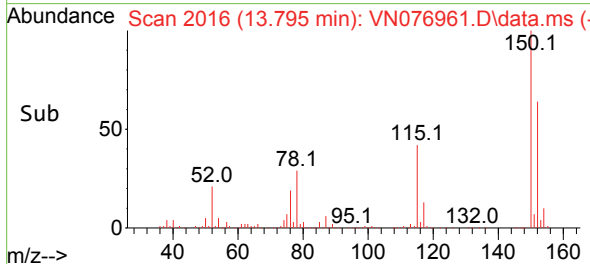
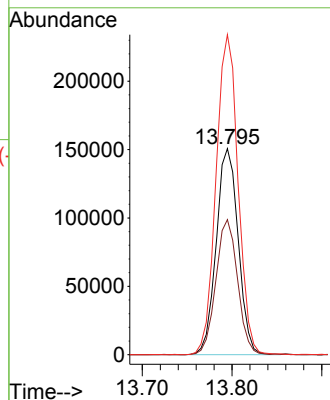
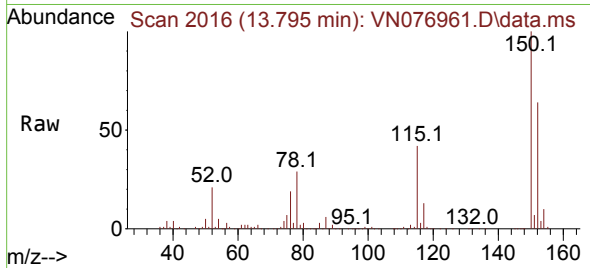




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN076961.D
 Acq: 13 Mar 2023 14:56

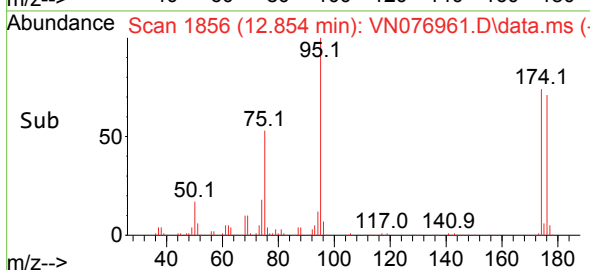
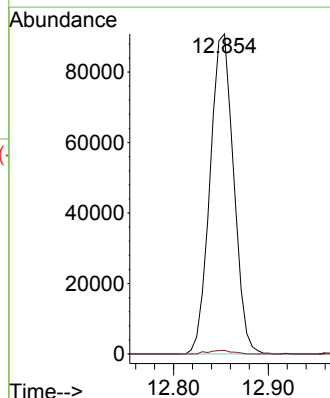
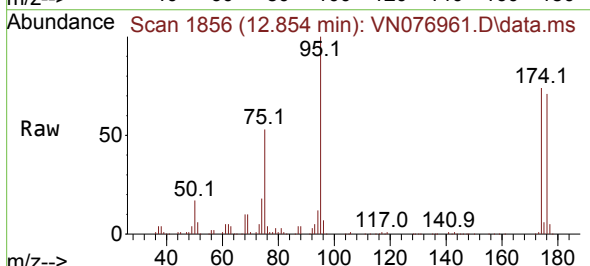
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

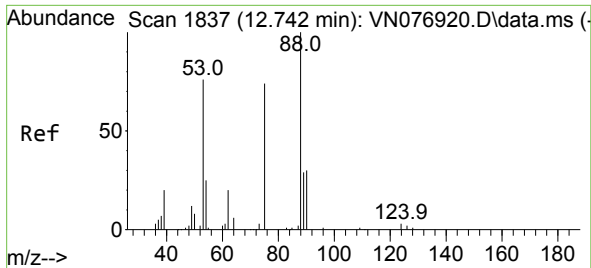
Tgt Ion:152 Resp: 256157
 Ion Ratio Lower Upper
 152 100
 115 64.8 30.3 90.9
 150 155.4 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 25.342 ug/l
 RT: 12.854 min Scan# 1856
 Delta R.T. -0.141 min
 Lab File: VN076961.D
 Acq: 13 Mar 2023 14:56

Tgt Ion: 75 Resp: 157383
 Ion Ratio Lower Upper
 75 100
 77 1.2 93.8 281.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.780 ug/l
 RT: 12.854 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN076961.D
 Acq: 13 Mar 2023 14:56

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Tgt Ion: 75 Resp: 157383
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.0#
 89 0.0 39.5 59.3#

