

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016379.D
 Acq On : 16 Nov 2023 10:38
 Operator : SY/MD
 Sample : VY1116SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 04:01:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

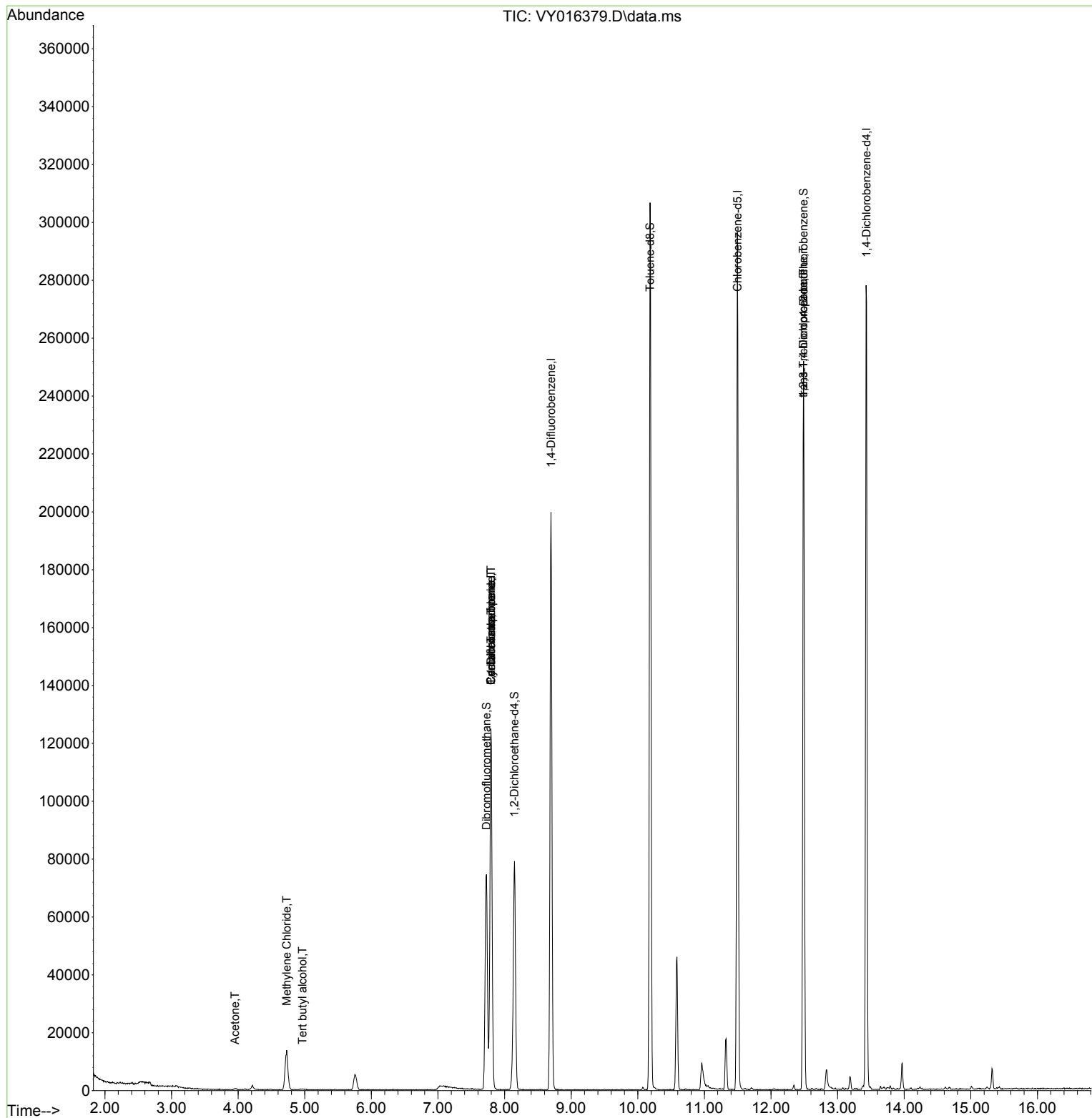
Internal Standards						
1) Pentafluorobenzene	7.795	168	98527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	175456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	167205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	73931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	60202	66.854	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.700%	
35) Dibromofluoromethane	7.728	113	55494	55.678	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.360%	
50) Toluene-d8	10.185	98	204081	50.492	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.980%	
62) 4-Bromofluorobenzene	12.489	95	69733	53.121	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	765	10.849	ug/l #	89
16) Acetone	3.954	43	744	4.995	ug/l	95
20) Methylene Chloride	4.729	84	10261	6.740	ug/l	86
31) Cyclohexane	7.795	56	1811	1.021	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7232	4.179	ug/l #	52
38) Carbon Tetrachloride	7.795	117	9756	5.431	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	36558	51.547	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36558	111.888	ug/l #	11

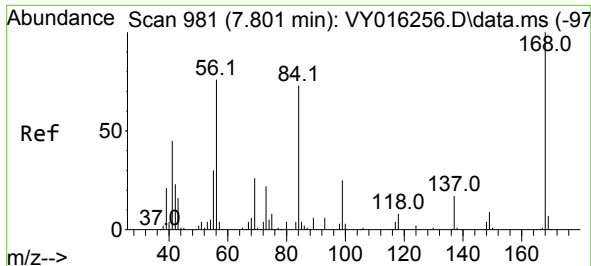
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

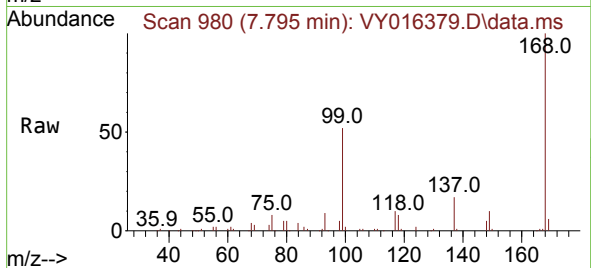
Quant Time: Nov 17 04:01:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



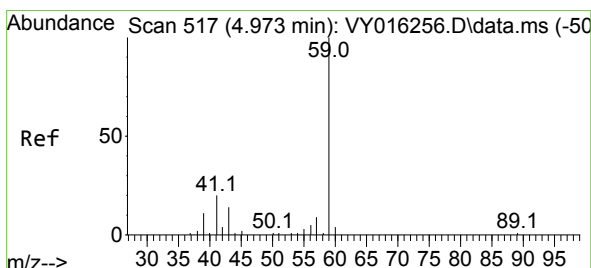
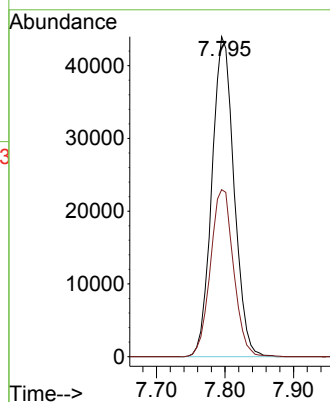
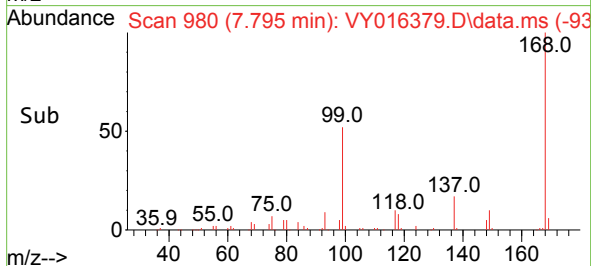


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016379.D
Acq: 16 Nov 2023 10:38

Instrument :
MSVOA_Y
ClientSampleId :

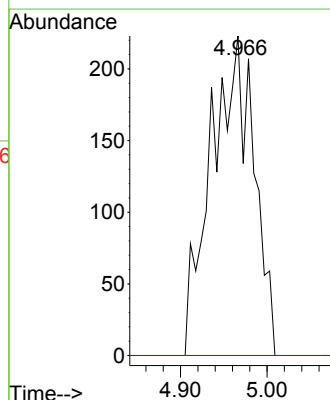
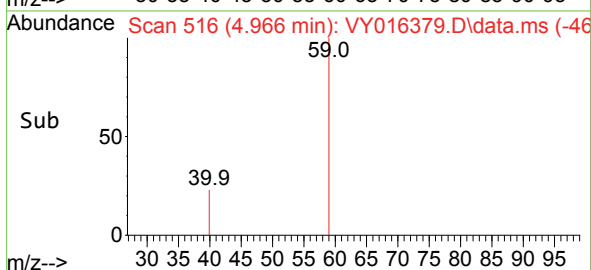
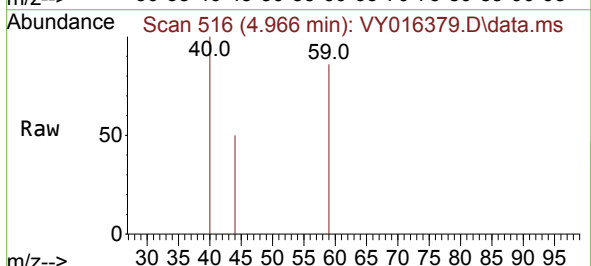


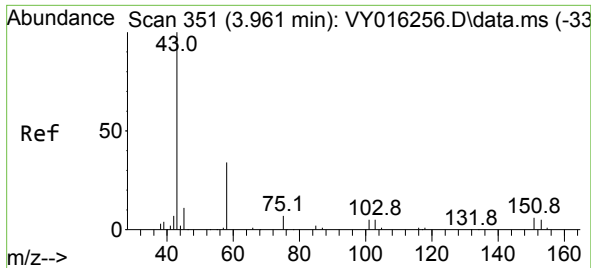
Tgt Ion:168 Resp: 98527
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#11
Tert butyl alcohol
Concen: 10.849 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY016379.D
Acq: 16 Nov 2023 10:38

Tgt Ion: 59 Resp: 765
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

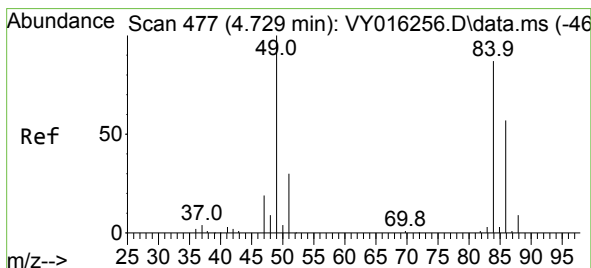
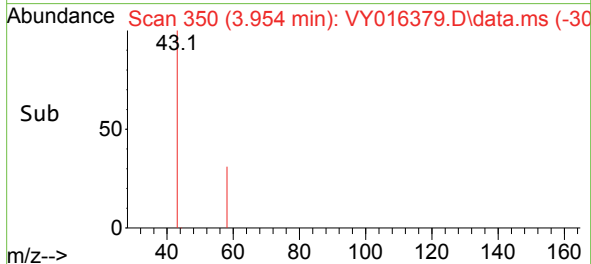
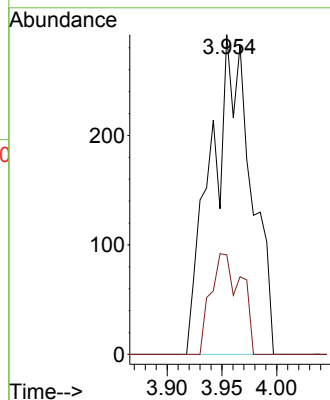
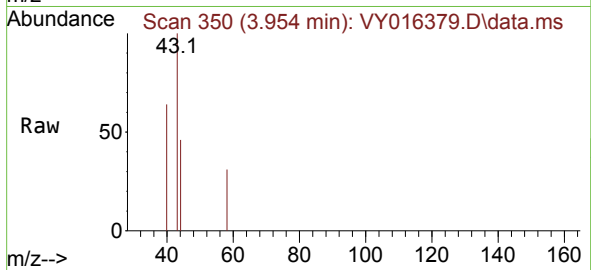




#16
Acetone
Concen: 4.995 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY016379.D
Acq: 16 Nov 2023 10:38

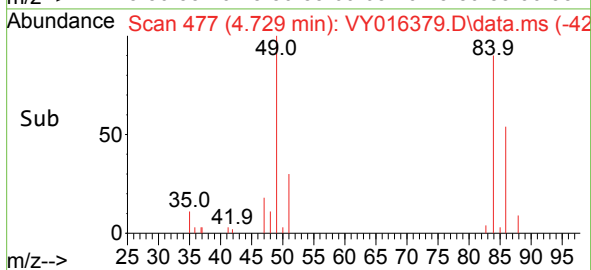
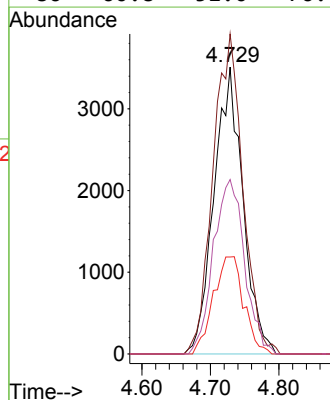
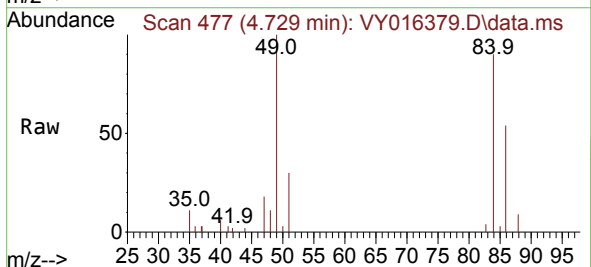
Instrument :
MSVOA_Y
ClientSampleId :

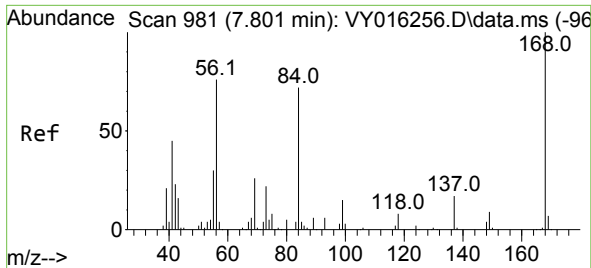
Tgt Ion: 43 Resp: 744
Ion Ratio Lower Upper
43 100
58 31.2 22.7 34.1



#20
Methylene Chloride
Concen: 6.740 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016379.D
Acq: 16 Nov 2023 10:38

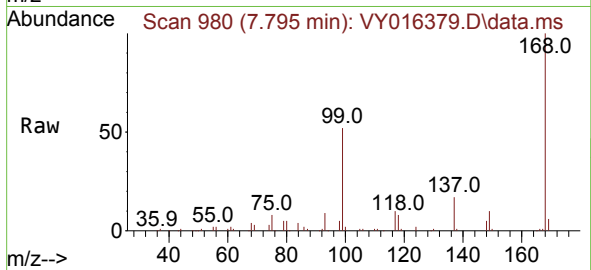
Tgt Ion: 84 Resp: 10261
Ion Ratio Lower Upper
84 100
49 111.5 106.9 160.3
51 33.8 33.2 49.8
86 60.8 51.0 76.6



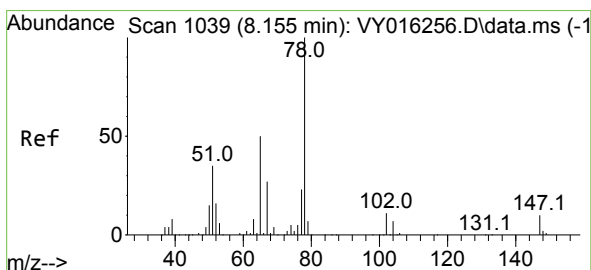
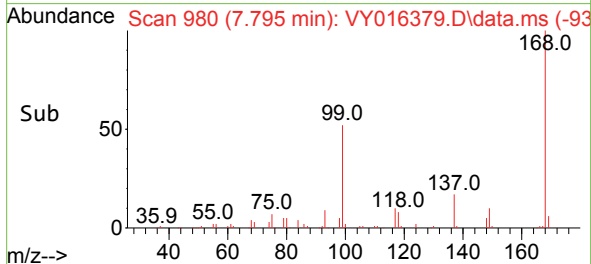
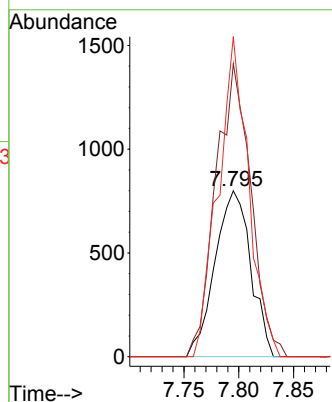


#31
Cyclohexane
Concen: 1.021 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016379.D
Acq: 16 Nov 2023 10:38

Instrument :
MSVOA_Y
ClientSampleId :

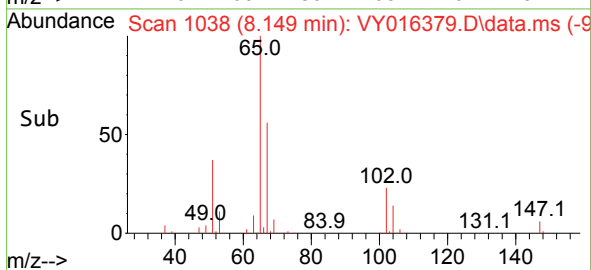
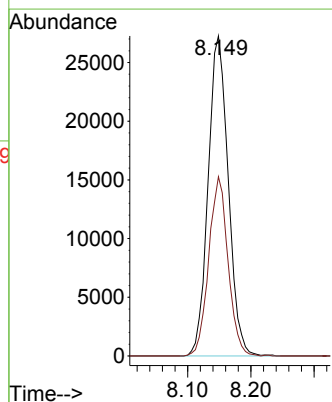
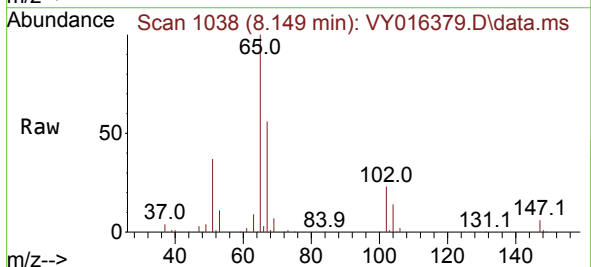


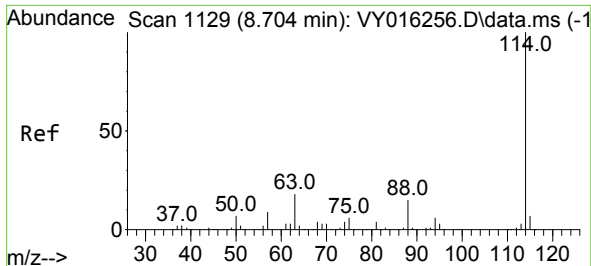
Tgt Ion: 56 Resp: 1811
Ion Ratio Lower Upper
56 100
69 176.5 27.8 41.6#
84 192.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 66.854 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016379.D
Acq: 16 Nov 2023 10:38

Tgt Ion: 65 Resp: 60202
Ion Ratio Lower Upper
65 100
67 53.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016379.D

Acq: 16 Nov 2023 10:38

Instrument :

MSVOA_Y

ClientSampleId :

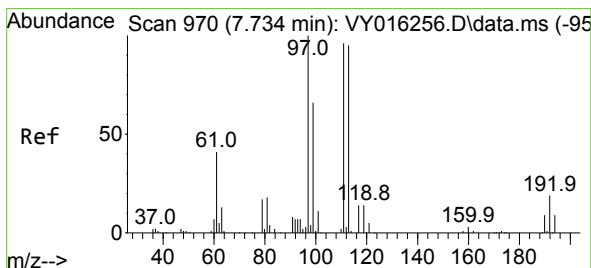
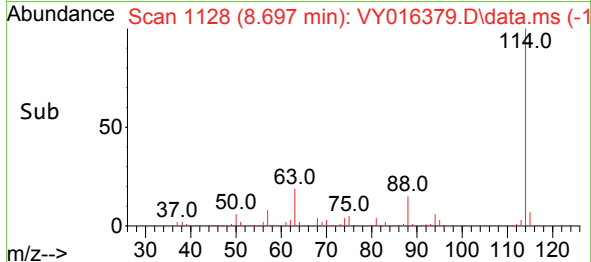
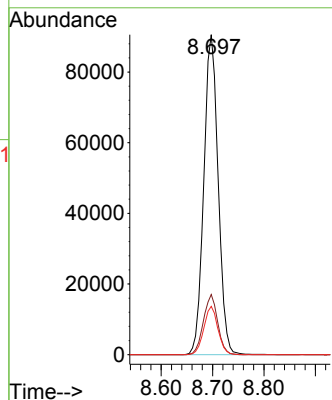
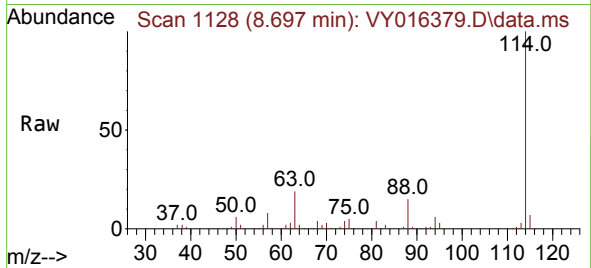
Tgt Ion:114 Resp: 175456

Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.678 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016379.D

Acq: 16 Nov 2023 10:38

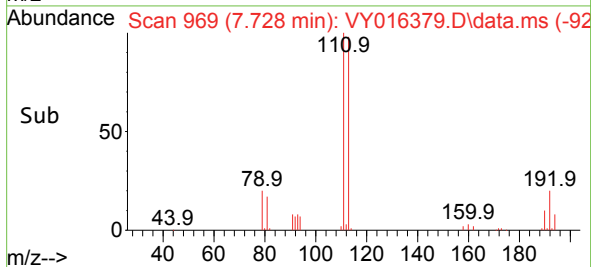
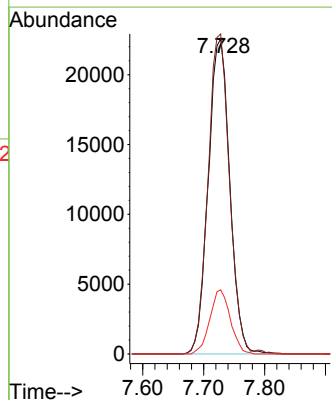
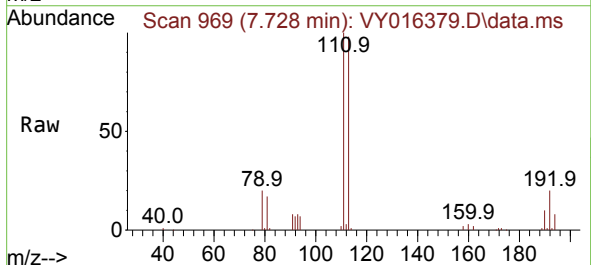
Tgt Ion:113 Resp: 55494

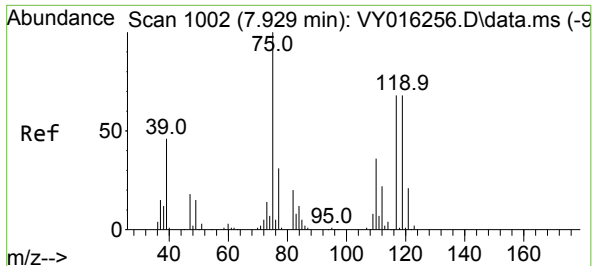
Ion Ratio Lower Upper

113 100

111 101.0 81.3 121.9

192 19.3 16.9 25.3

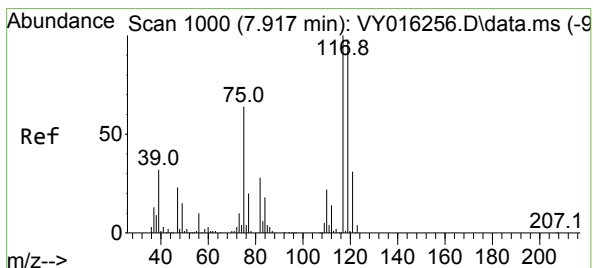
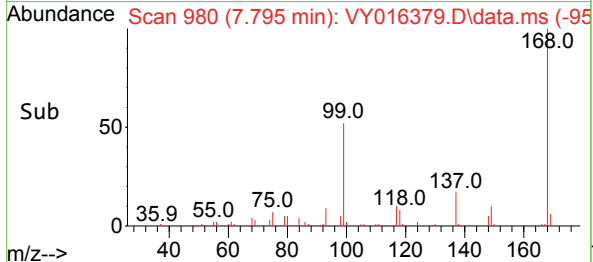
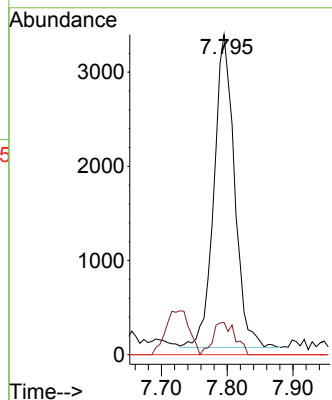
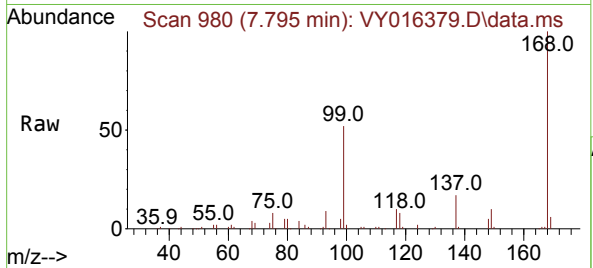




#36
1,1-Dichloropropene
Concen: 4.179 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY016379.D
Acq: 16 Nov 2023 10:38

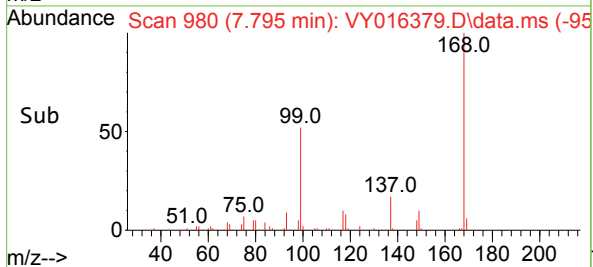
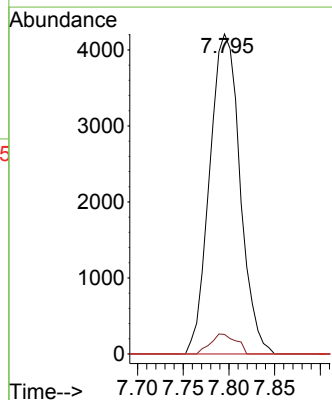
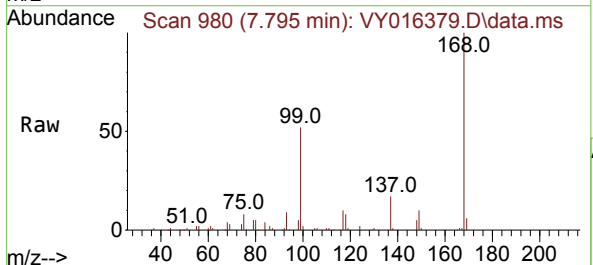
Instrument :
MSVOA_Y
ClientSampleId :

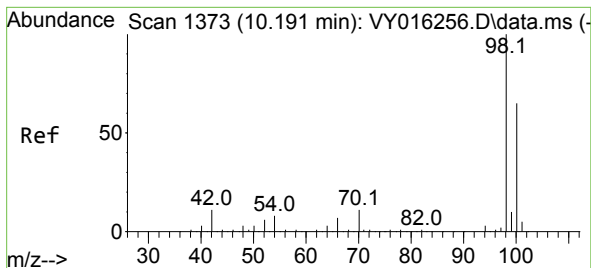
Tgt Ion: 75 Resp: 7232
Ion Ratio Lower Upper
75 100
110 11.1 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.431 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY016379.D
Acq: 16 Nov 2023 10:38

Tgt Ion: 117 Resp: 9756
Ion Ratio Lower Upper
117 100
119 6.1 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.492 ug/l

RT: 10.185 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016379.D

Acq: 16 Nov 2023 10:38

Instrument :

MSVOA_Y

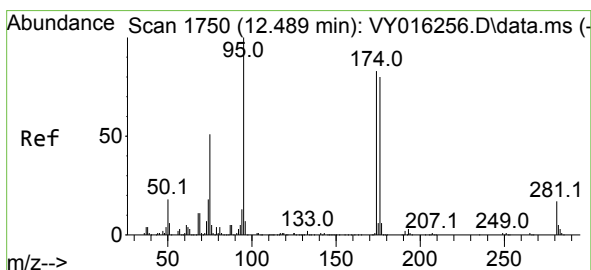
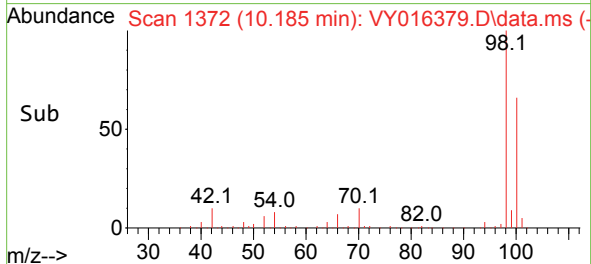
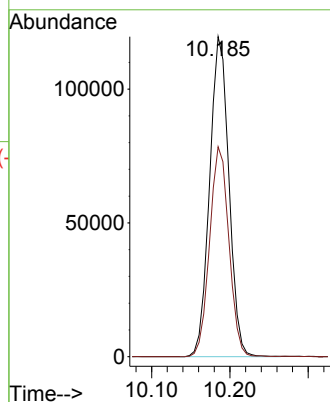
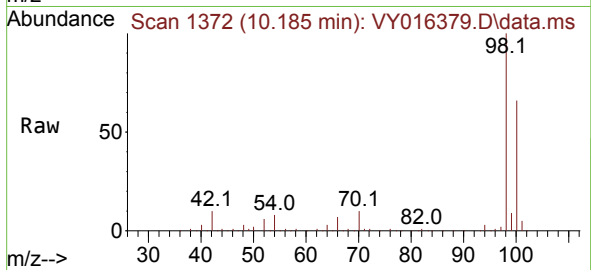
ClientSampleId :

Tgt Ion: 98 Resp: 204081

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 53.121 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY016379.D

Acq: 16 Nov 2023 10:38

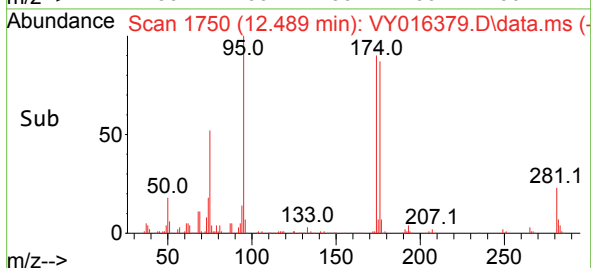
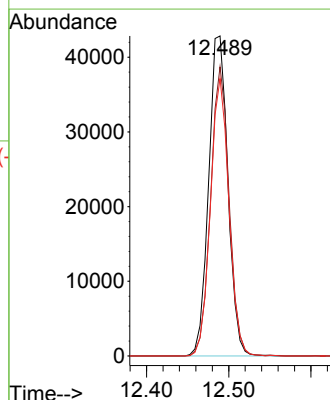
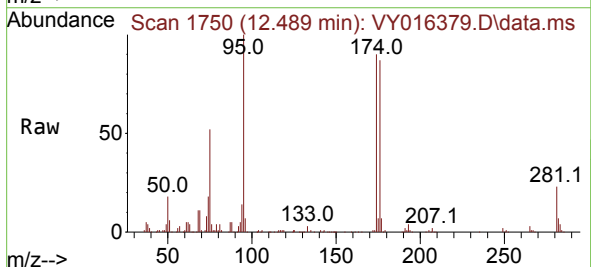
Tgt Ion: 95 Resp: 69733

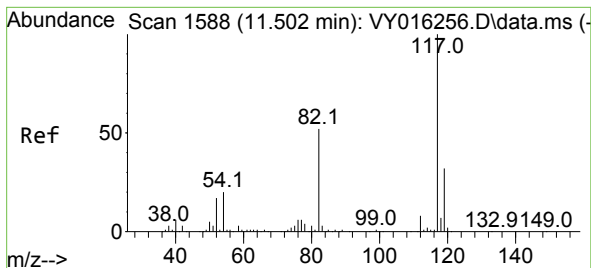
Ion Ratio Lower Upper

95 100

174 86.8 0.0 178.2

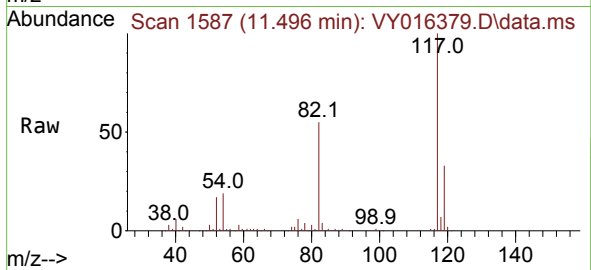
176 83.4 0.0 173.8



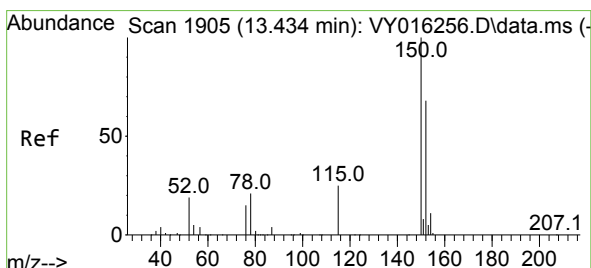
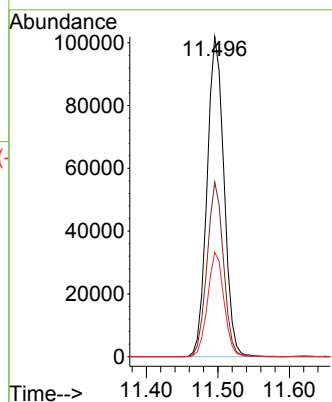
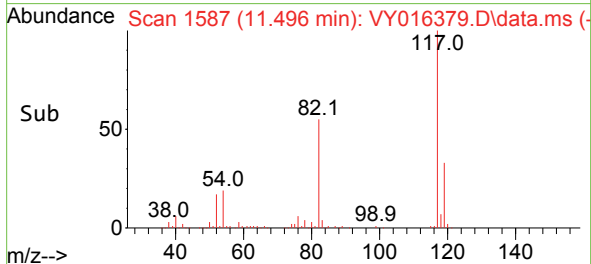


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016379.D
Acq: 16 Nov 2023 10:38

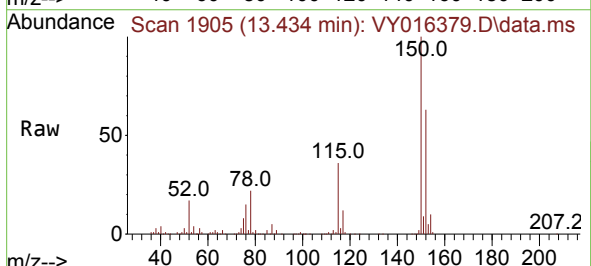
Instrument :
MSVOA_Y
ClientSampleId :



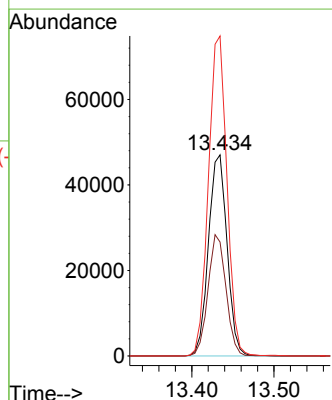
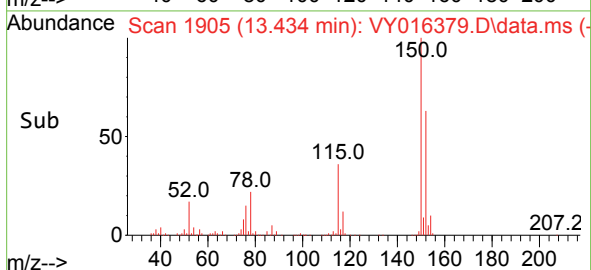
Tgt Ion:117 Resp: 167205
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 32.6 26.3 39.5

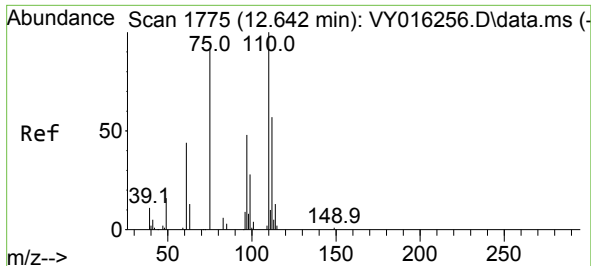


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016379.D
Acq: 16 Nov 2023 10:38



Tgt Ion:152 Resp: 73931
Ion Ratio Lower Upper
152 100
115 58.3 28.8 86.5
150 158.1 0.0 348.8

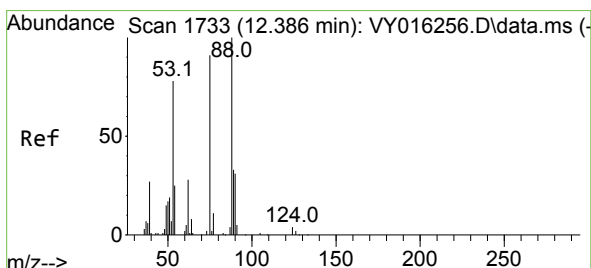
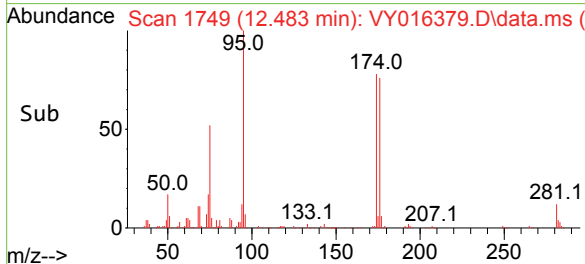
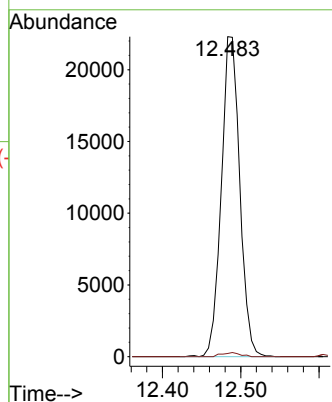
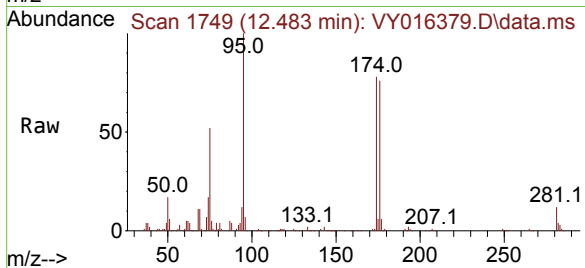




#76
1,2,3-Trichloropropane
Concen: 51.547 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.159 min
Lab File: VY016379.D
Acq: 16 Nov 2023 10:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 36558
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.888 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY016379.D
Acq: 16 Nov 2023 10:38

Tgt Ion: 75 Resp: 36558
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#

