

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016411.D
 Acq On : 17 Nov 2023 15:42
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 18 05:20:18 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)

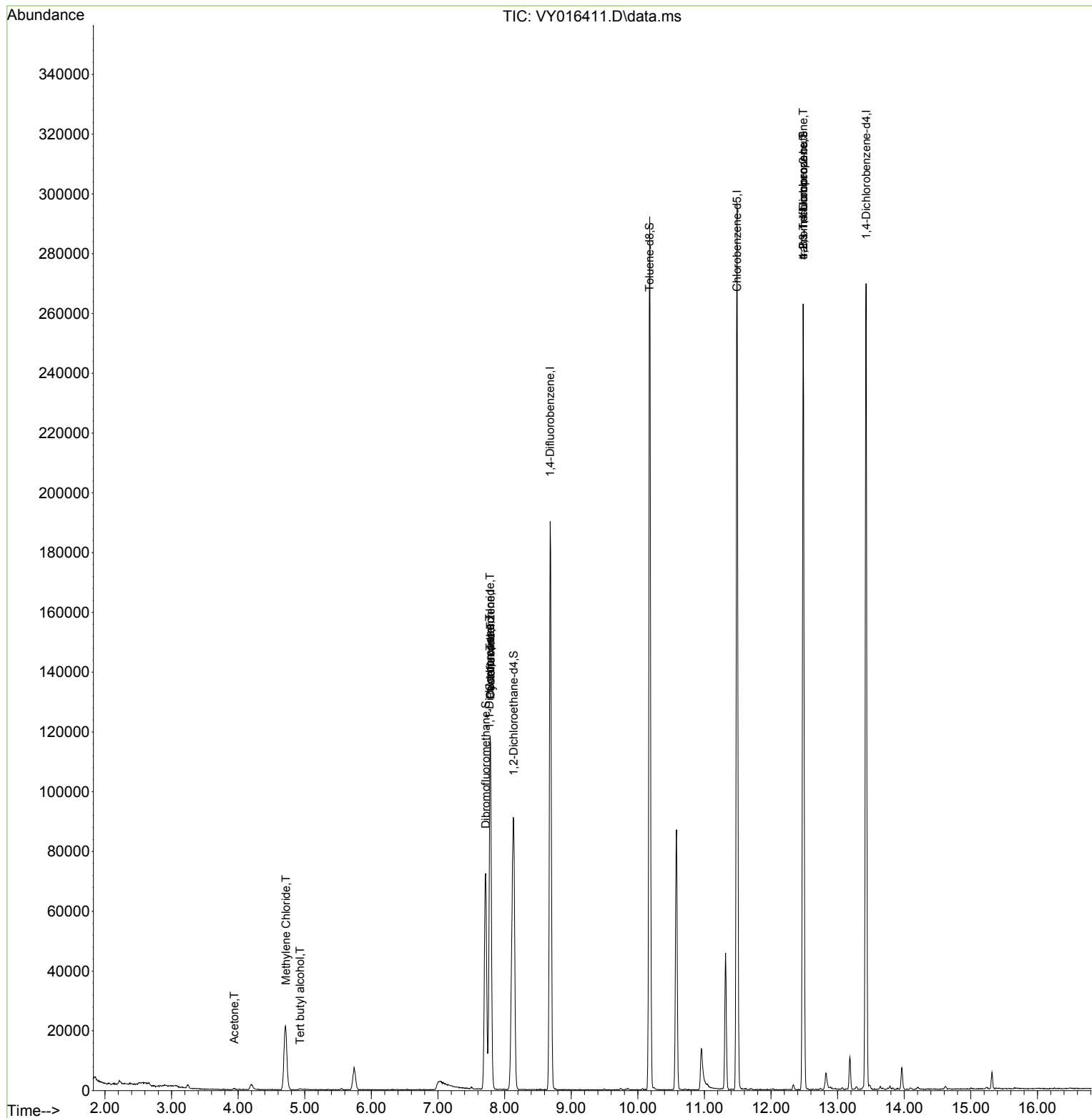
Internal Standards						
1) Pentafluorobenzene	7.789	168	94508	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	167772	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.489	117	162479	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	72462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57720	66.824	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.640%	
35) Dibromofluoromethane	7.716	113	52969	55.578	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.160%	
50) Toluene-d8	10.179	98	196679	50.890	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.780%	
62) 4-Bromofluorobenzene	12.483	95	67335	53.643	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	464	6.860	ug/l #	89
16) Acetone	3.942	43	575	4.024	ug/l	98
20) Methylene Chloride	4.716	84	17229	14.606	ug/l #	84
31) Cyclohexane	7.789	56	1727	1.016	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	6887	4.162	ug/l #	51
38) Carbon Tetrachloride	7.783	117	9314	5.423	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	35284	50.760	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35284	110.178	ug/l #	11

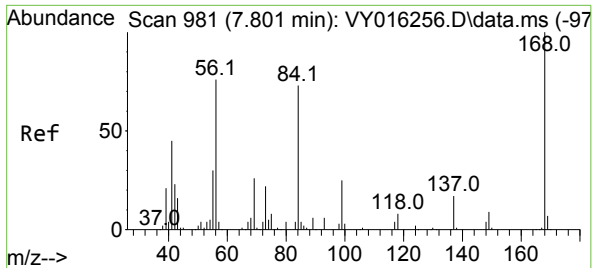
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
Data File : VY016411.D
Acq On : 17 Nov 2023 15:42
Operator : SY/MD
Sample : BLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 18 05:20:18 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

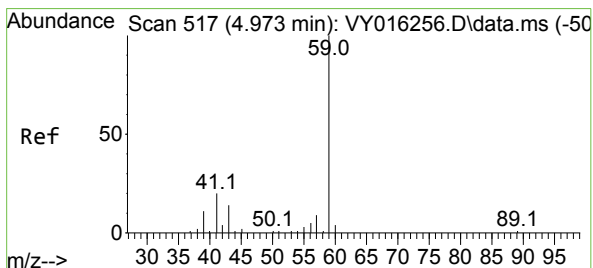
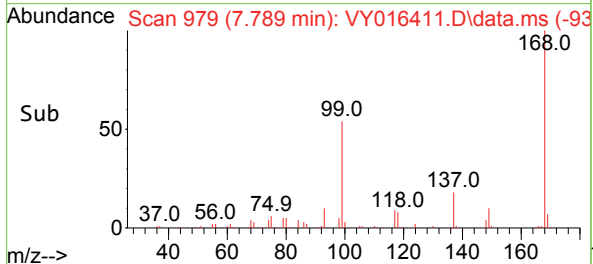
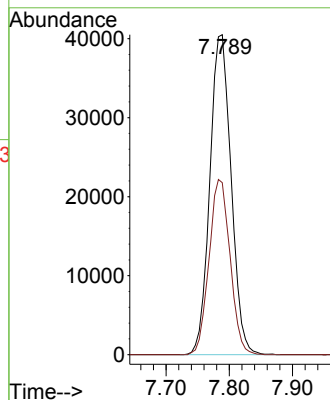
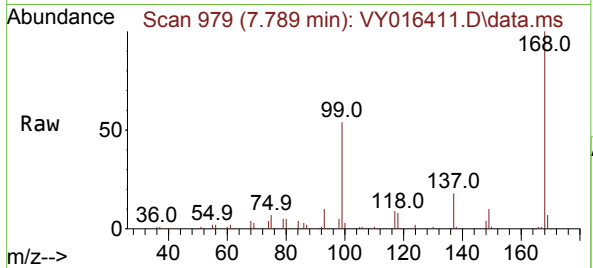




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016411.D
Acq: 17 Nov 2023 15:42

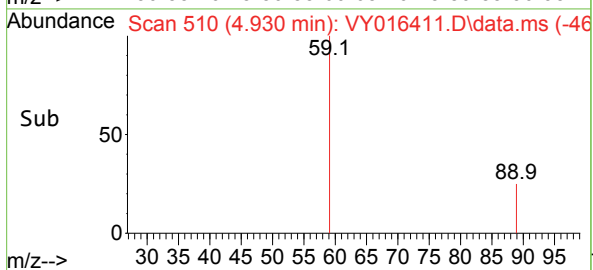
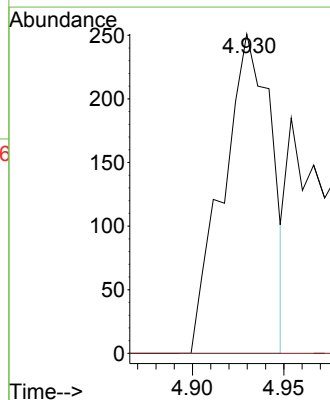
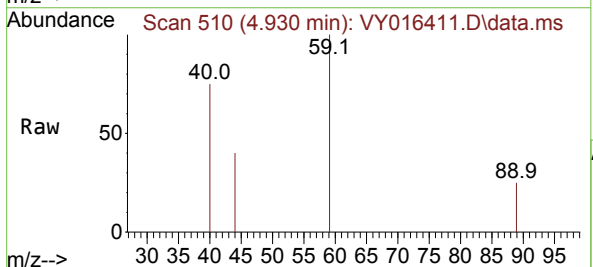
Instrument :
MSVOA_Y
ClientSampleId :

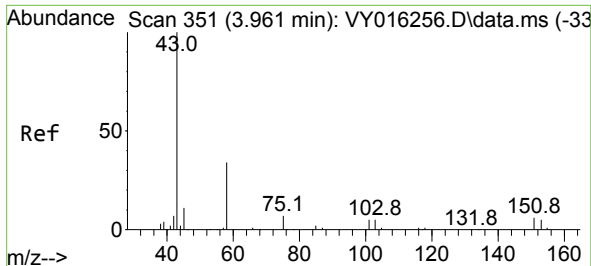
Tgt Ion:168 Resp: 94508
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#11
Tert butyl alcohol
Concen: 6.860 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.043 min
Lab File: VY016411.D
Acq: 17 Nov 2023 15:42

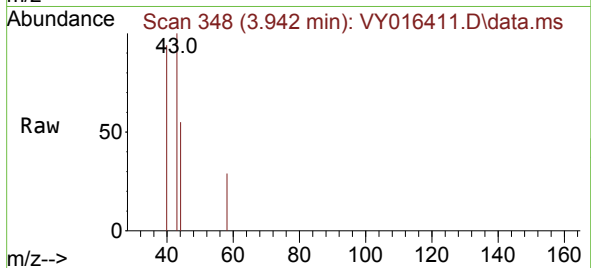
Tgt Ion: 59 Resp: 464
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



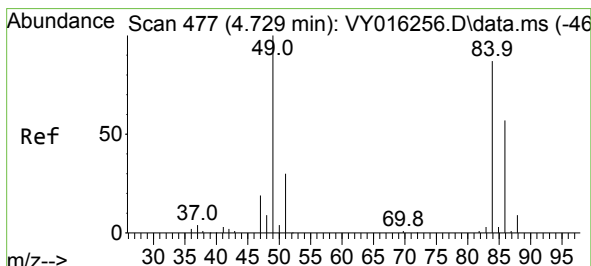
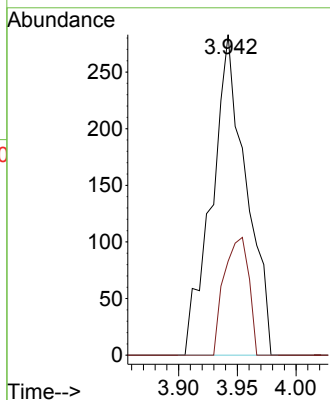
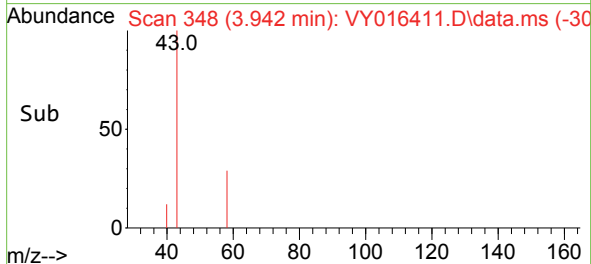


#16
Acetone
Concen: 4.024 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY016411.D
Acq: 17 Nov 2023 15:42

Instrument :
MSVOA_Y
ClientSampleId :

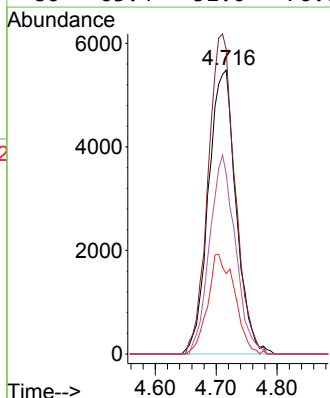
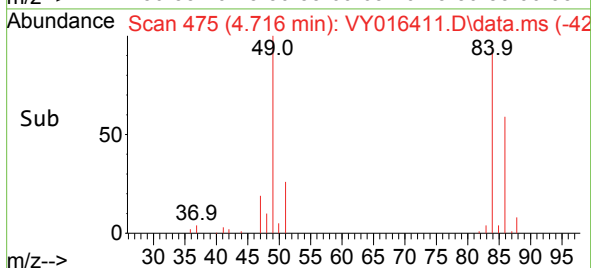
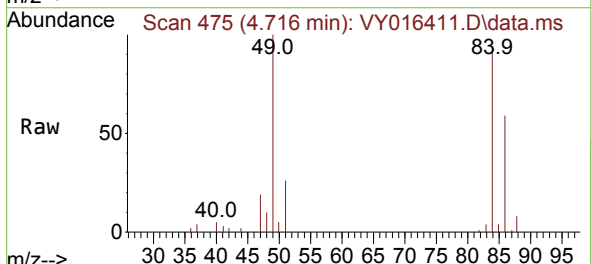


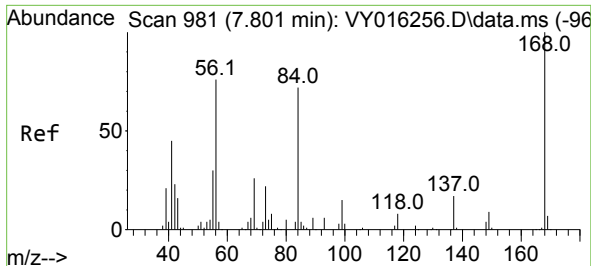
Tgt Ion: 43 Resp: 575
Ion Ratio Lower Upper
43 100
58 29.3 22.7 34.1



#20
Methylene Chloride
Concen: 14.606 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY016411.D
Acq: 17 Nov 2023 15:42

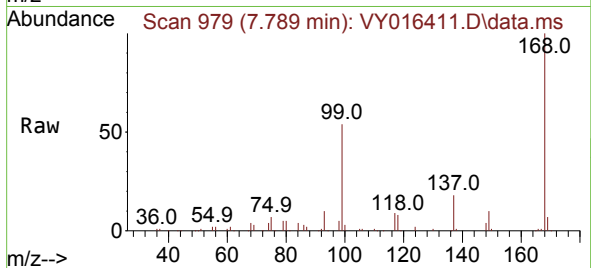
Tgt Ion: 84 Resp: 17229
Ion Ratio Lower Upper
84 100
49 107.3 106.9 160.3
51 28.3 33.2 49.8#
86 63.4 51.0 76.6



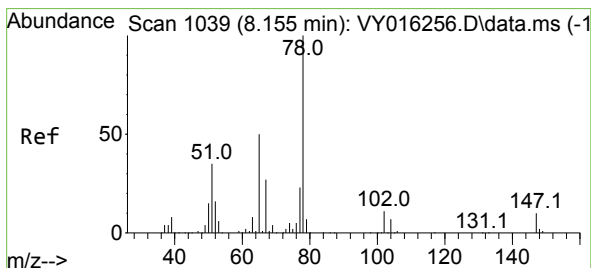
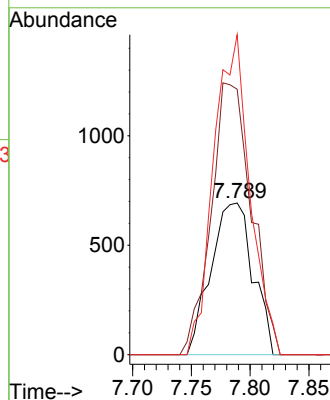
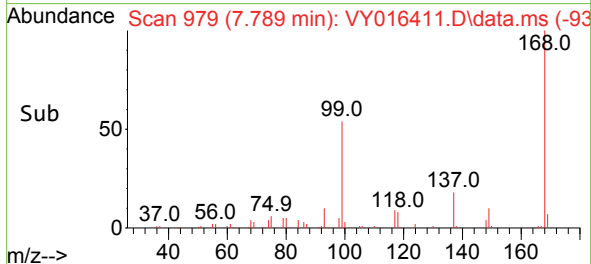


#31
Cyclohexane
Concen: 1.016 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016411.D
Acq: 17 Nov 2023 15:42

Instrument :
MSVOA_Y
ClientSampleId :

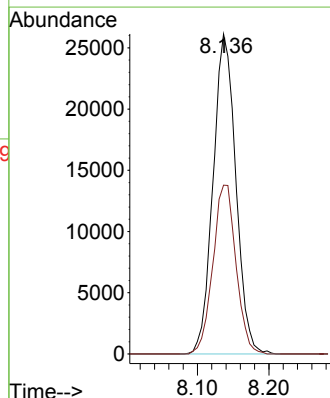
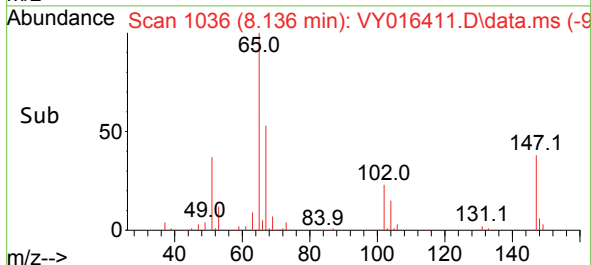
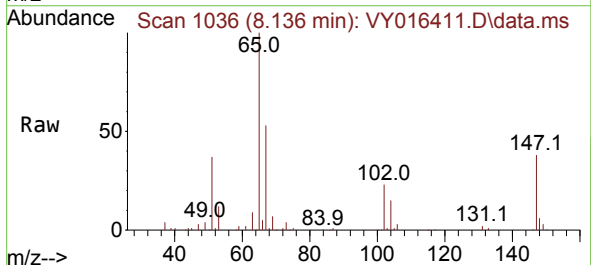


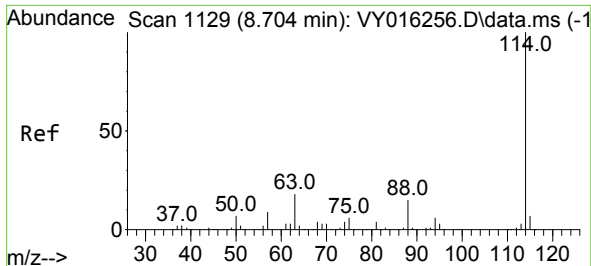
Tgt Ion: 56 Resp: 1727
Ion Ratio Lower Upper
56 100
69 175.0 27.8 41.6#
84 211.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 66.824 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.018 min
Lab File: VY016411.D
Acq: 17 Nov 2023 15:42

Tgt Ion: 65 Resp: 57720
Ion Ratio Lower Upper
65 100
67 53.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.018 min

Lab File: VY016411.D

Acq: 17 Nov 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

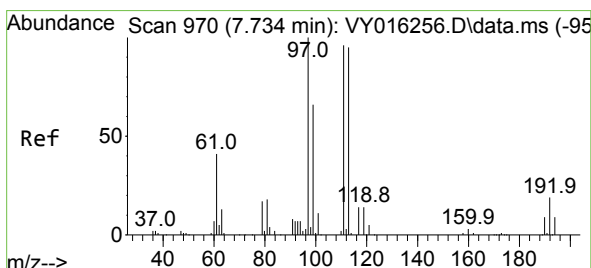
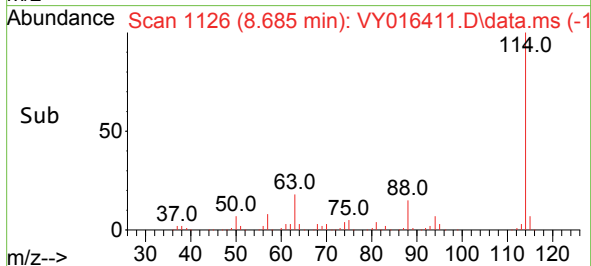
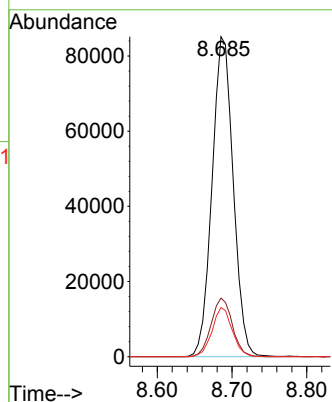
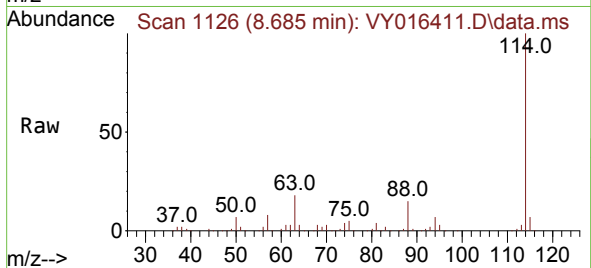
Tgt Ion:114 Resp: 167772

Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.578 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.018 min

Lab File: VY016411.D

Acq: 17 Nov 2023 15:42

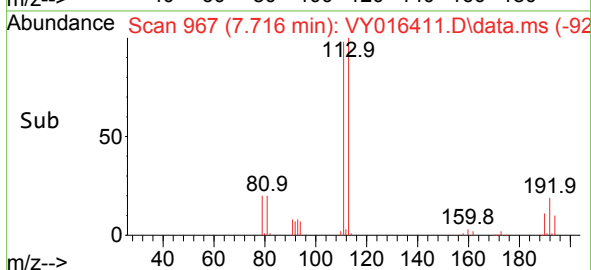
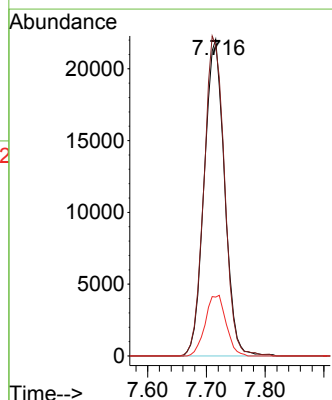
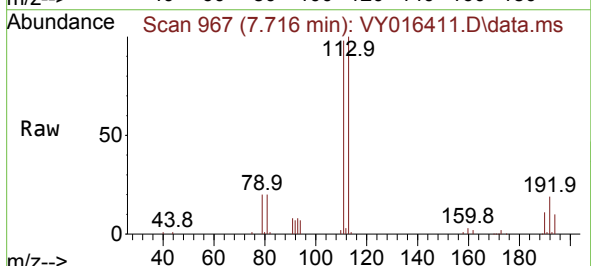
Tgt Ion:113 Resp: 52969

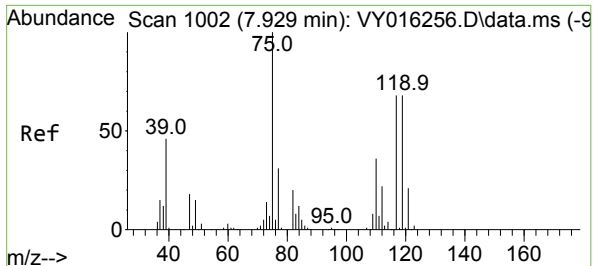
Ion Ratio Lower Upper

113 100

111 101.9 81.3 121.9

192 19.6 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.162 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.153 min

Lab File: VY016411.D

Acq: 17 Nov 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

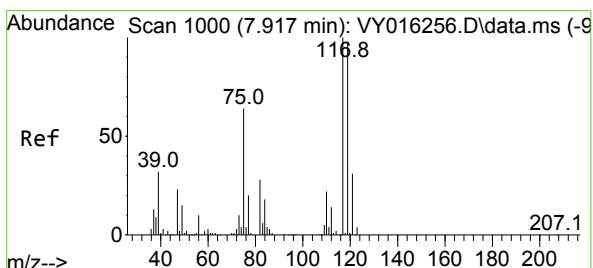
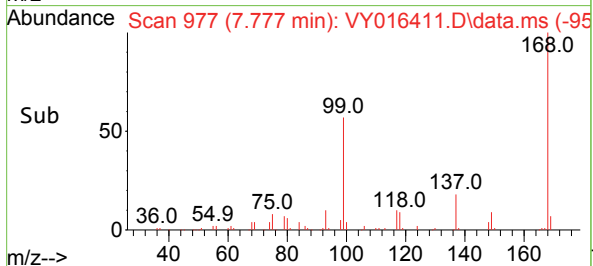
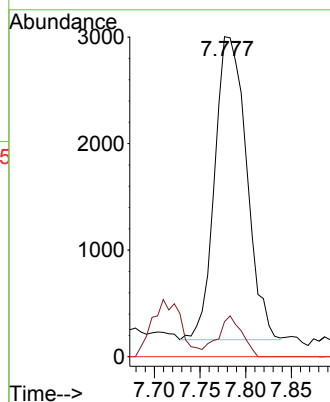
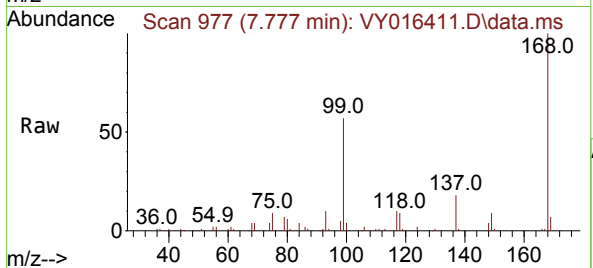
Tgt Ion: 75 Resp: 6887

Ion Ratio Lower Upper

75 100

110 10.2 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.423 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.134 min

Lab File: VY016411.D

Acq: 17 Nov 2023 15:42

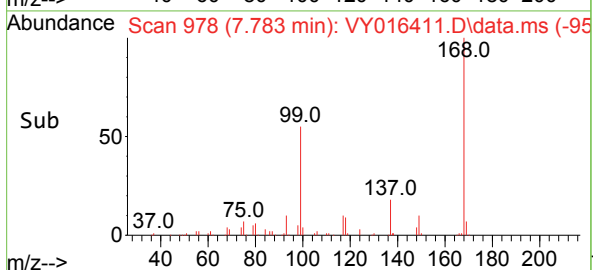
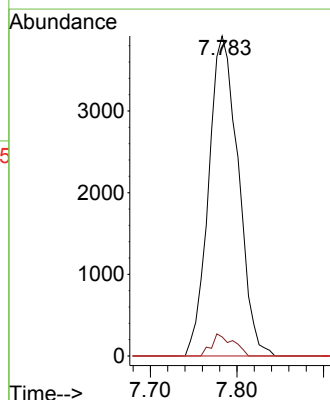
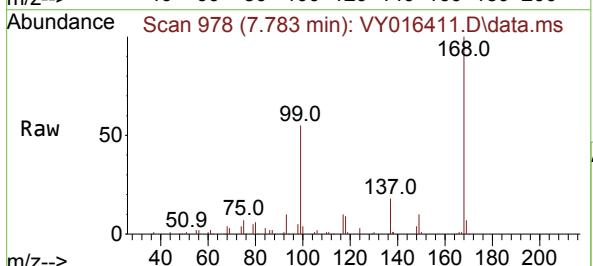
Tgt Ion: 117 Resp: 9314

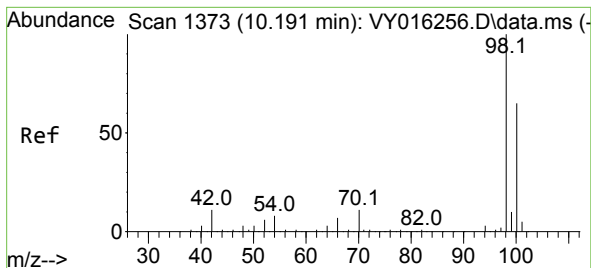
Ion Ratio Lower Upper

117 100

119 5.9 76.4 114.6#

121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.890 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY016411.D

Acq: 17 Nov 2023 15:42

Instrument :

MSVOA_Y

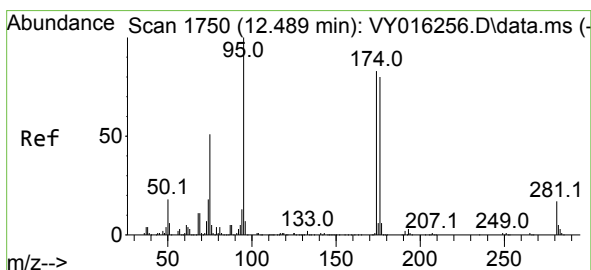
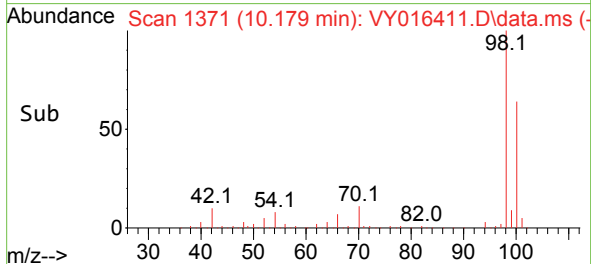
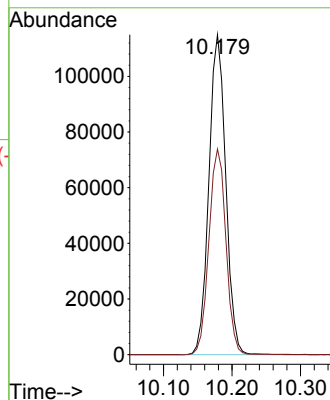
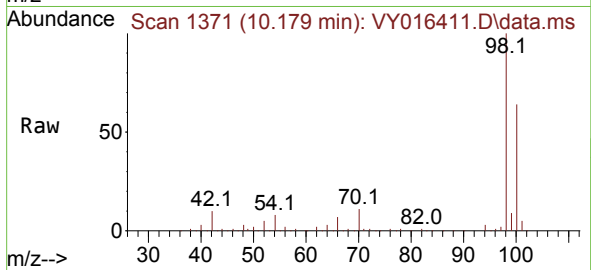
ClientSampleId :

Tgt Ion: 98 Resp: 196679

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 53.643 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY016411.D

Acq: 17 Nov 2023 15:42

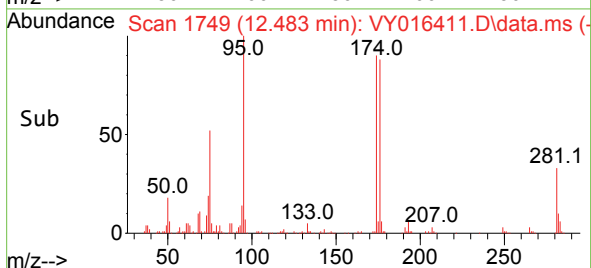
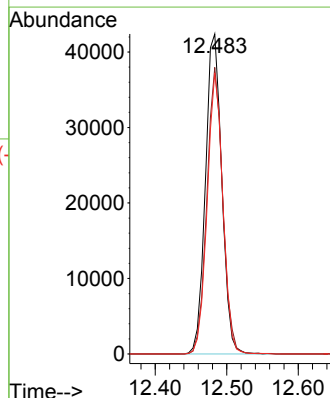
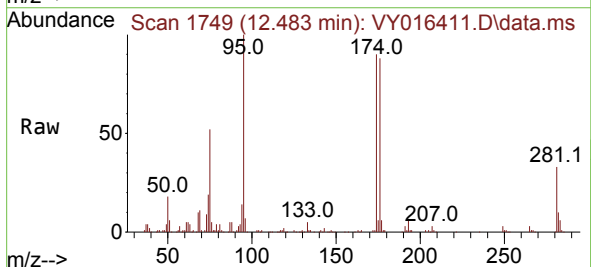
Tgt Ion: 95 Resp: 67335

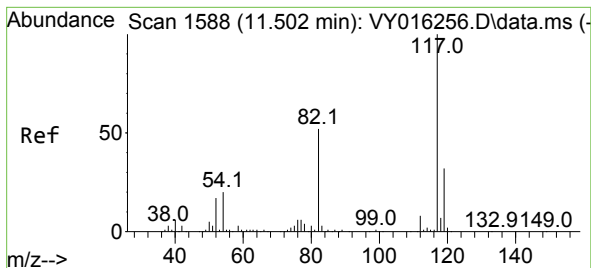
Ion Ratio Lower Upper

95 100

174 87.0 0.0 178.2

176 84.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.012 min

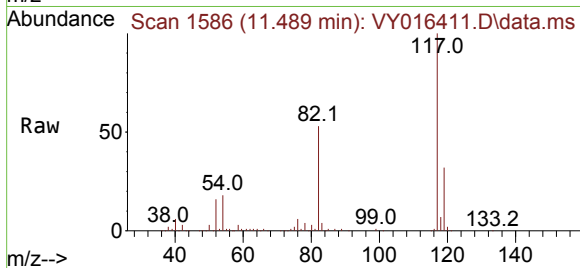
Lab File: VY016411.D

Acq: 17 Nov 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :



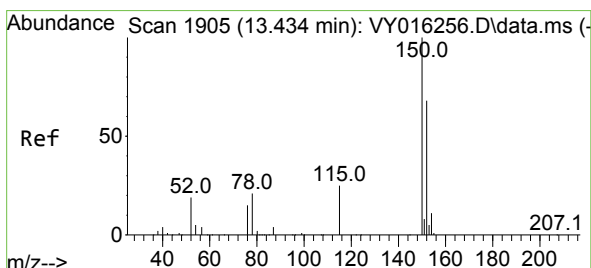
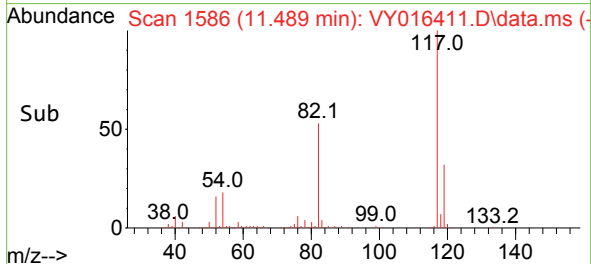
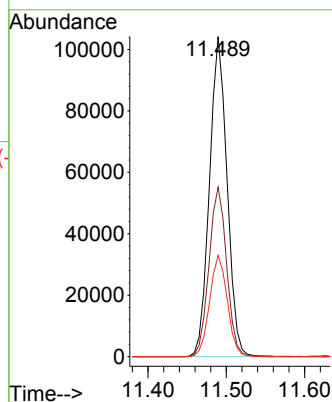
Tgt Ion:117 Resp: 162479

Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.0

119 31.6 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY016411.D

Acq: 17 Nov 2023 15:42

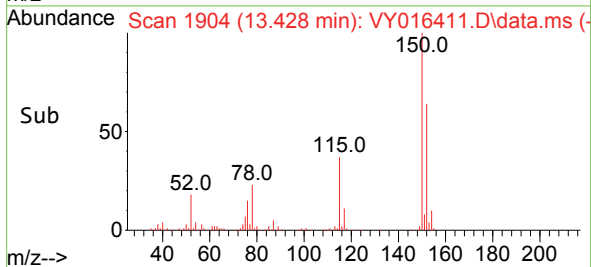
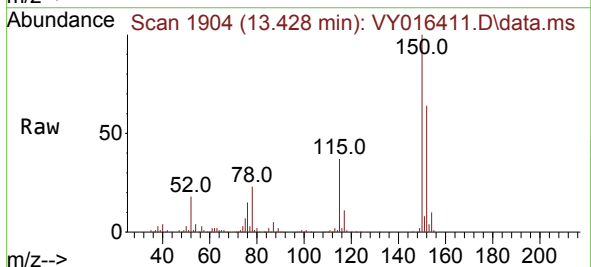
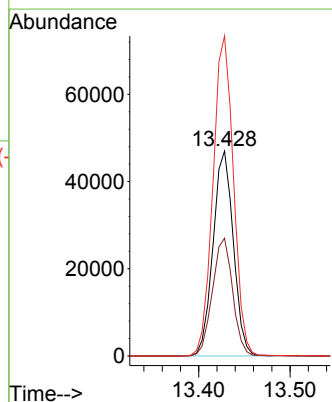
Tgt Ion:152 Resp: 72462

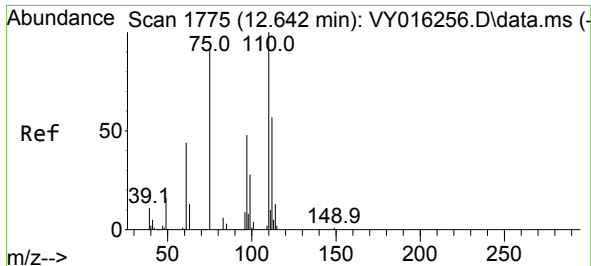
Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 157.6 0.0 348.8

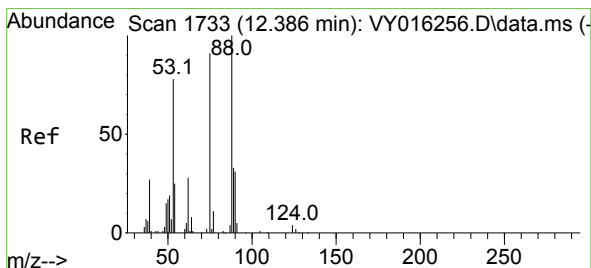
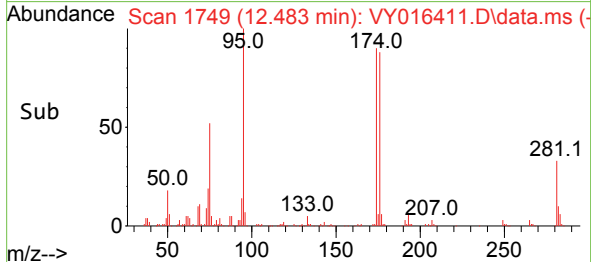
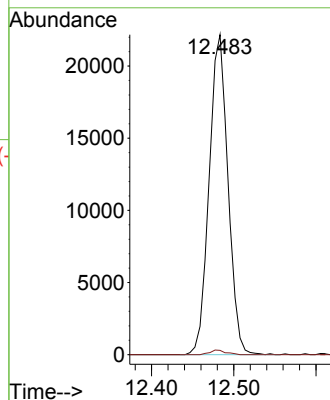
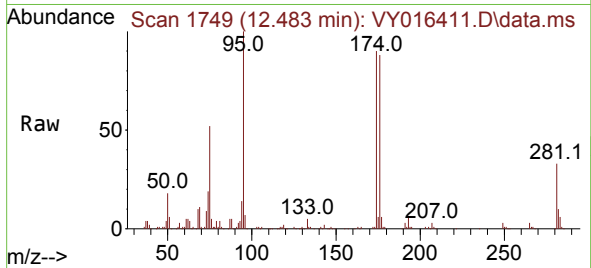




#76
1,2,3-Trichloropropane
Concen: 50.760 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.159 min
Lab File: VY016411.D
Acq: 17 Nov 2023 15:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 35284
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.178 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY016411.D
Acq: 17 Nov 2023 15:42

Tgt Ion: 75 Resp: 35284
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.4 37.4 56.0#

