

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032923\
 Data File : VY013137.D
 Acq On : 29 Mar 2023 18:09
 Operator : KP/MD
 Sample : 02126-05
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RS-E

Quant Time: Mar 29 23:34:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

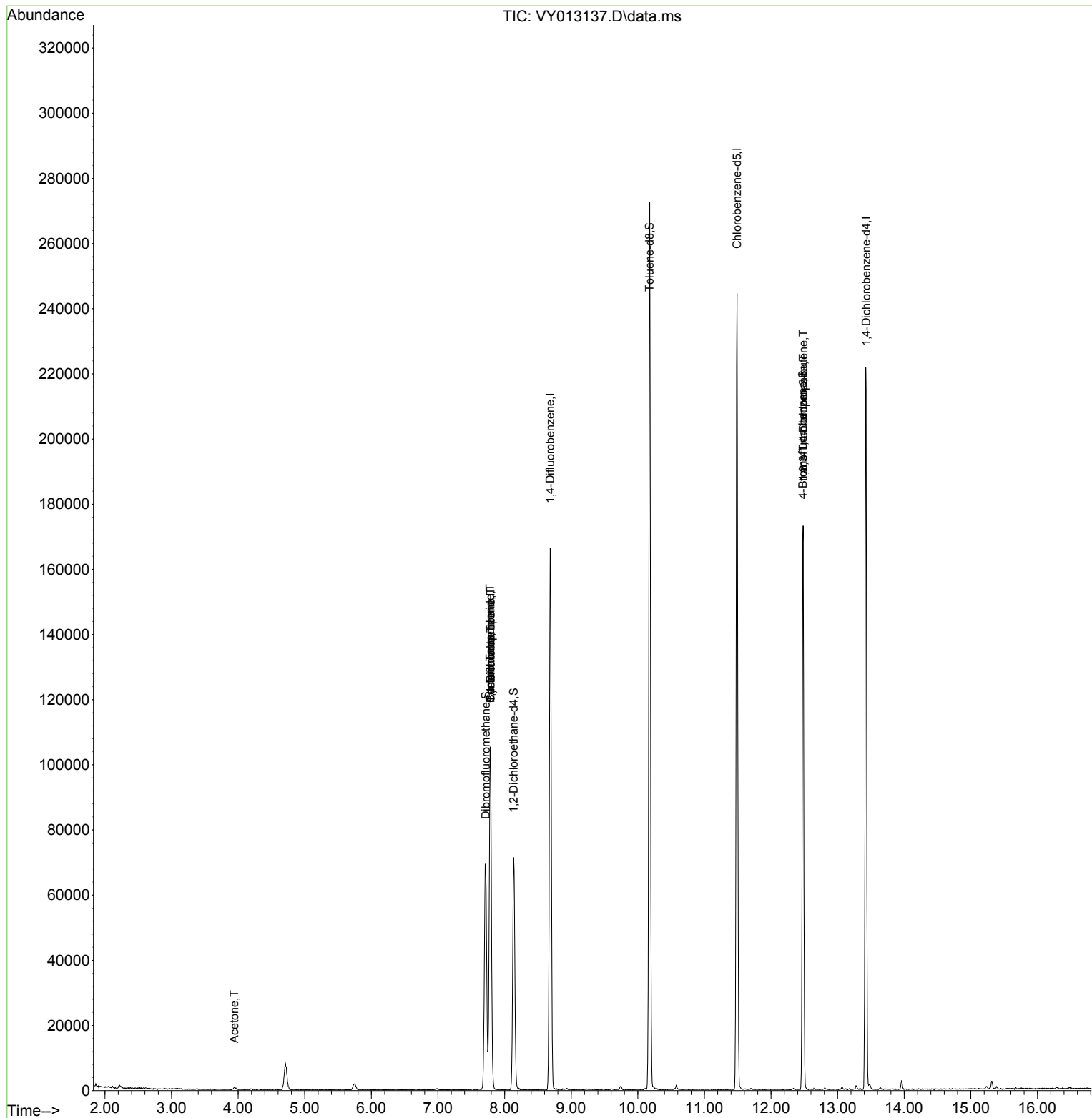
Internal Standards						
1) Pentafluorobenzene	7.789	168	83077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	141793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	129801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55802	67.651	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.300%	
35) Dibromofluoromethane	7.716	113	49870	58.278	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.560%	
50) Toluene-d8	10.179	98	172014	54.986	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.980%	
62) 4-Bromofluorobenzene	12.477	95	51110	48.405	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.800%	
Target Compounds						Qvalue
16) Acetone	3.942	43	1325	4.093	ug/l #	88
31) Cyclohexane	7.789	56	1840	1.165	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	6278	4.378	ug/l #	51
38) Carbon Tetrachloride	7.783	117	7696	5.197	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	26596	39.608	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26596	82.070	ug/l #	13

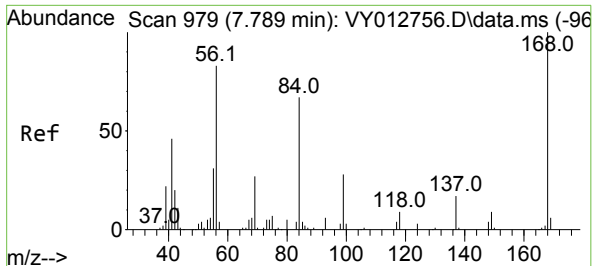
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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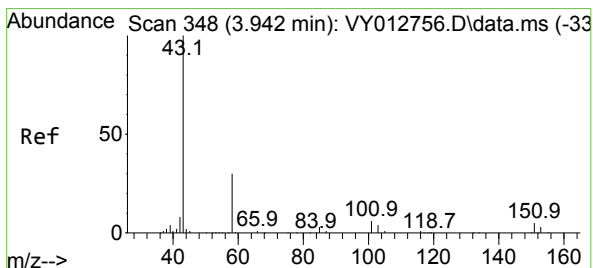
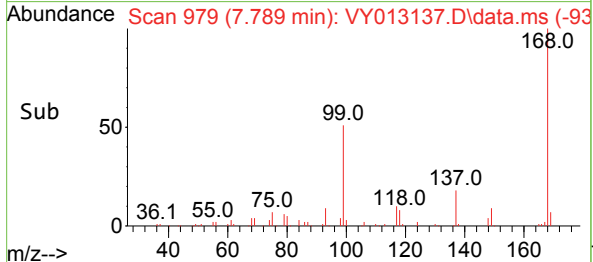
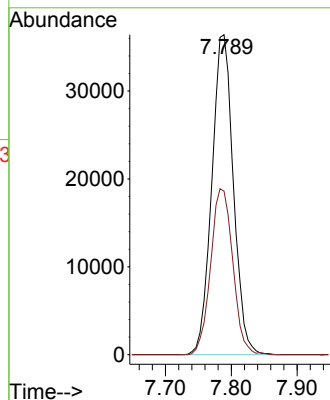
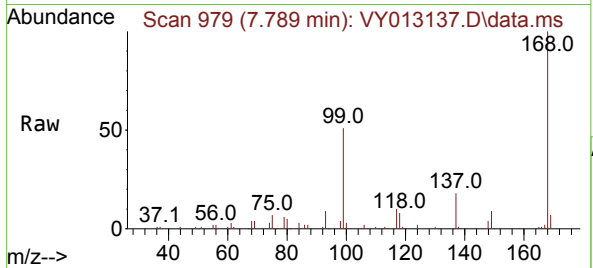




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013137.D
Acq: 29 Mar 2023 18:09

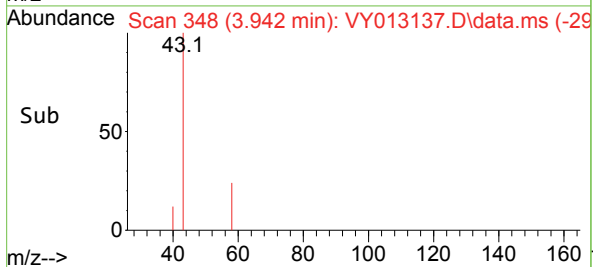
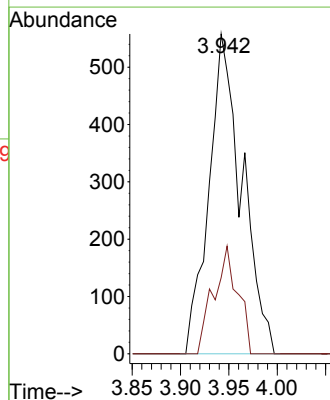
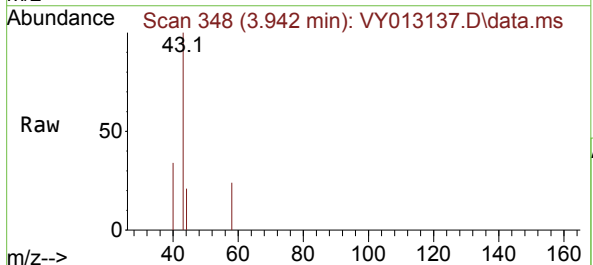
Instrument :
MSVOA_Y
ClientSampleId :
RS-E

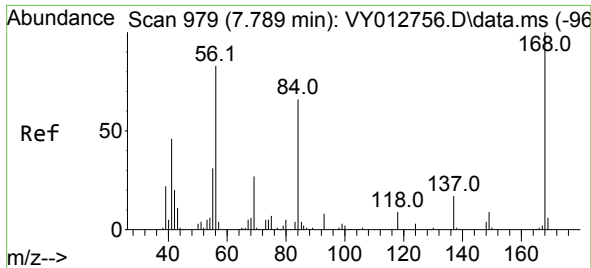
Tgt Ion:168 Resp: 83077
Ion Ratio Lower Upper
168 100
99 51.1 41.7 62.5



#16
Acetone
Concen: 4.093 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013137.D
Acq: 29 Mar 2023 18:09

Tgt Ion: 43 Resp: 1325
Ion Ratio Lower Upper
43 100
58 23.8 24.2 36.2#

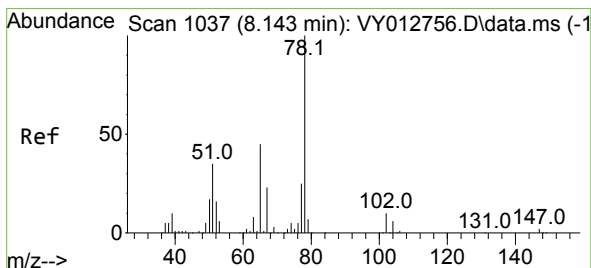
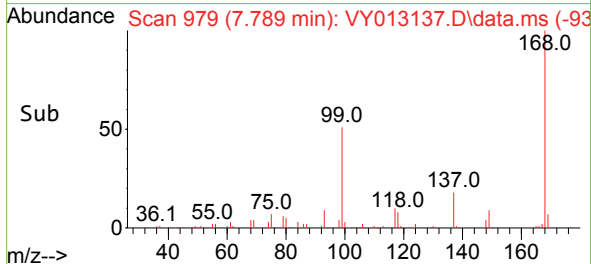
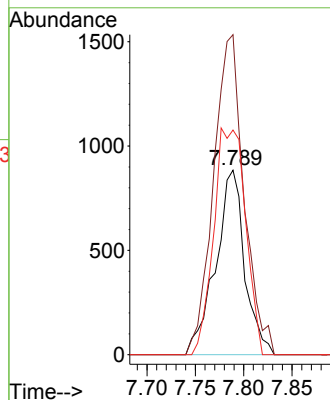
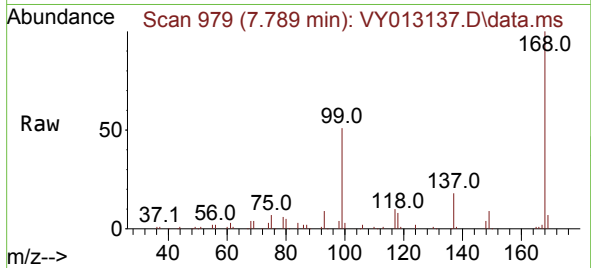




#31
Cyclohexane
Concen: 1.165 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013137.D
Acq: 29 Mar 2023 18:09

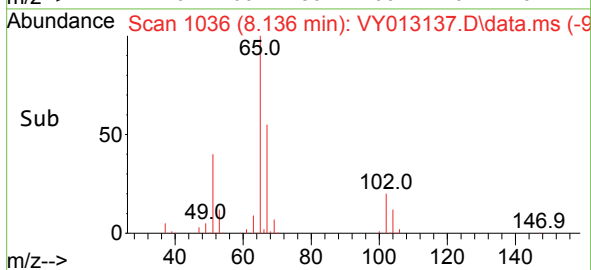
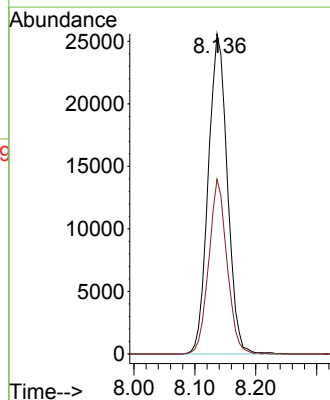
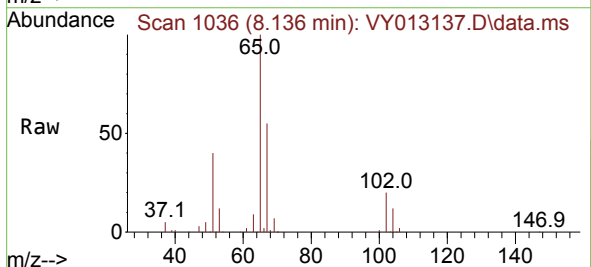
Instrument :
MSVOA_Y
ClientSampleId :
RS-E

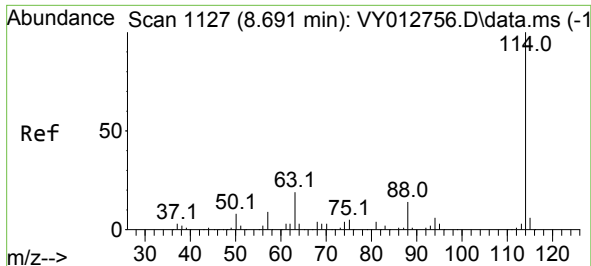
Tgt Ion: 56 Resp: 1840
Ion Ratio Lower Upper
56 100
69 173.5 25.7 38.5#
84 121.8 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 67.651 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013137.D
Acq: 29 Mar 2023 18:09

Tgt Ion: 65 Resp: 55802
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013137.D

Acq: 29 Mar 2023 18:09

Instrument :

MSVOA_Y

ClientSampleId :

RS-E

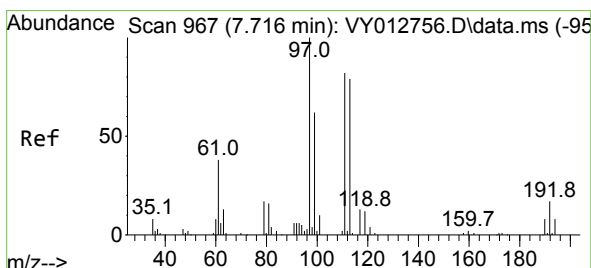
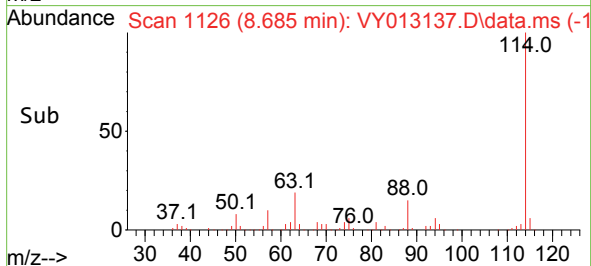
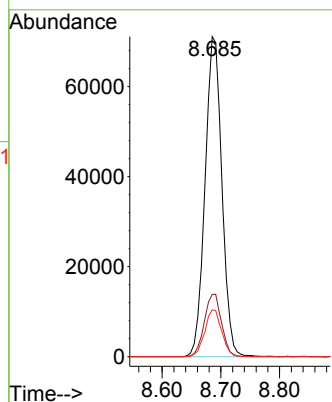
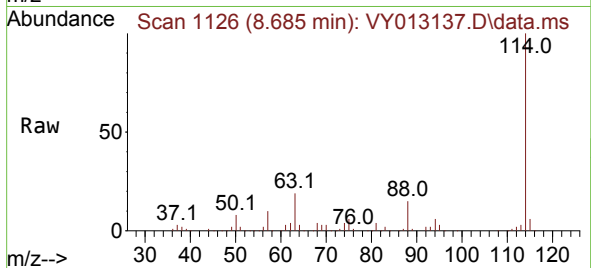
Tgt Ion:114 Resp: 141793

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 14.6 0.0 28.6



#35

Dibromofluoromethane

Concen: 58.278 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013137.D

Acq: 29 Mar 2023 18:09

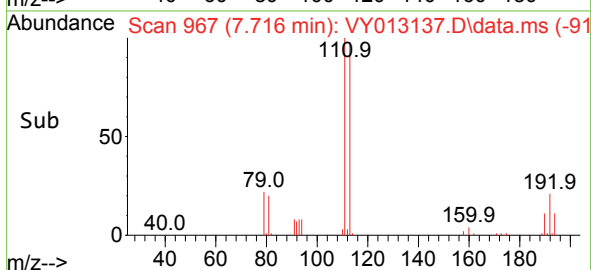
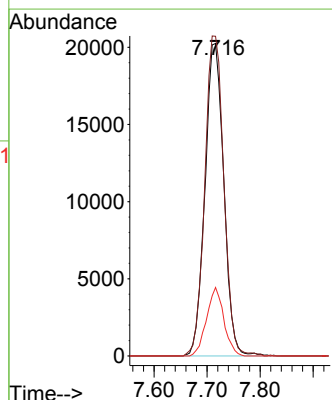
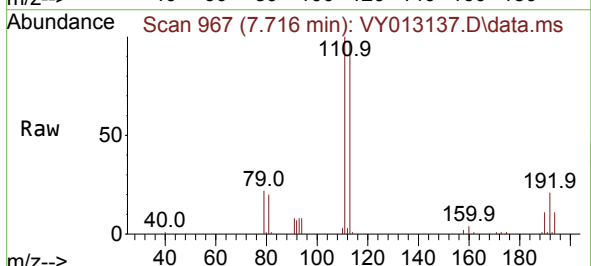
Tgt Ion:113 Resp: 49870

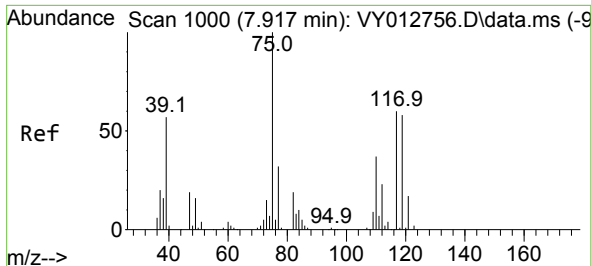
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.2

192 20.2 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.378 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY013137.D

Acq: 29 Mar 2023 18:09

Instrument :

MSVOA_Y

ClientSampleId :

RS-E

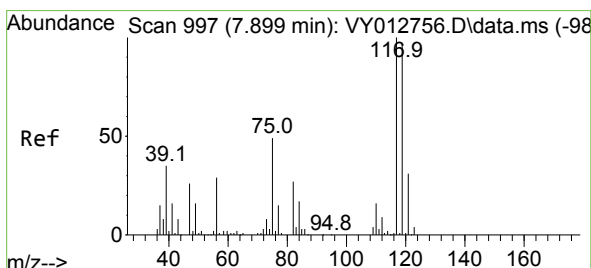
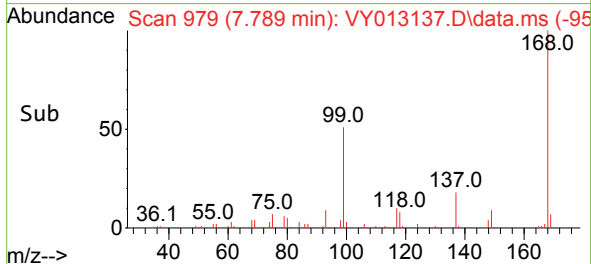
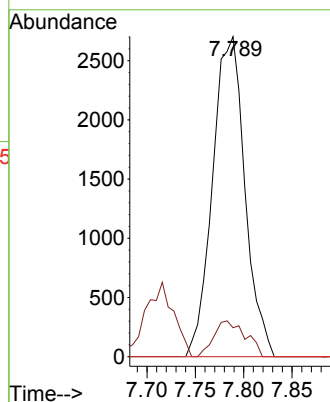
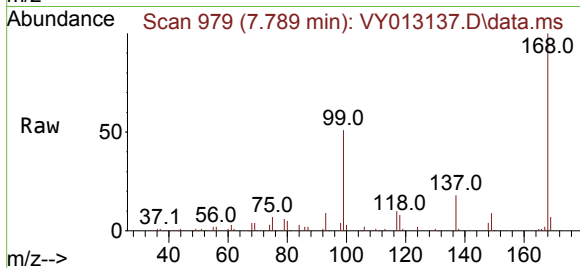
Tgt Ion: 75 Resp: 6278

Ion Ratio Lower Upper

75 100

110 11.0 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.197 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY013137.D

Acq: 29 Mar 2023 18:09

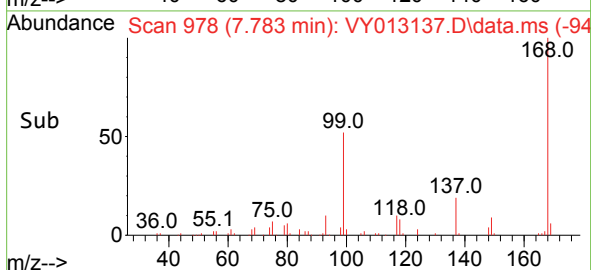
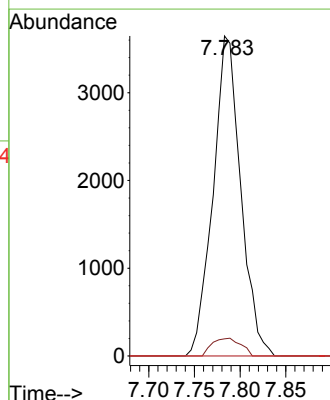
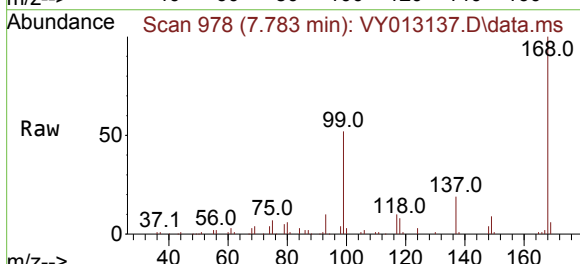
Tgt Ion: 117 Resp: 7696

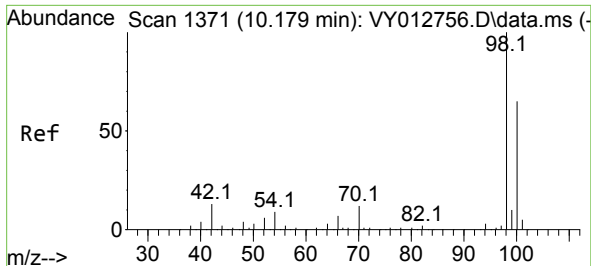
Ion Ratio Lower Upper

117 100

119 5.4 77.2 115.8#

121 0.0 24.7 37.1#

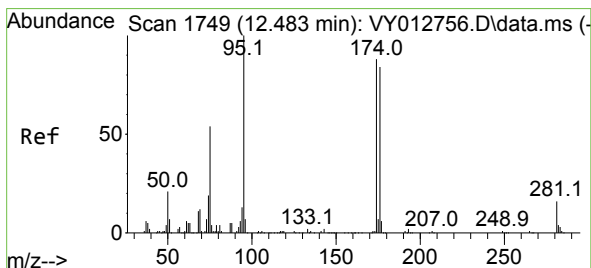
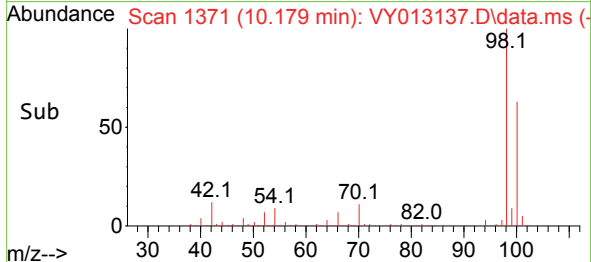
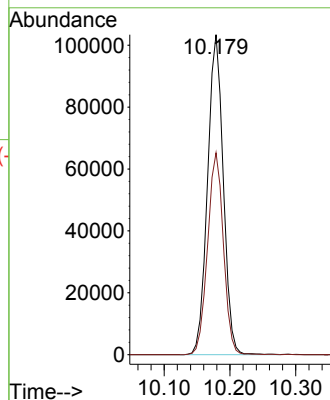
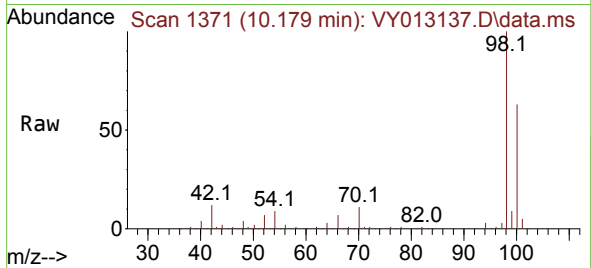




#50
Toluene-d8
Concen: 54.986 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013137.D
Acq: 29 Mar 2023 18:09

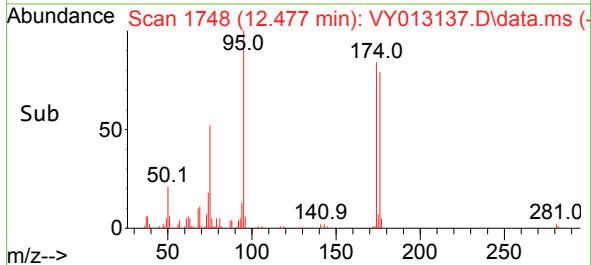
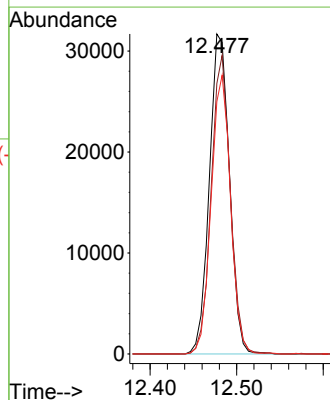
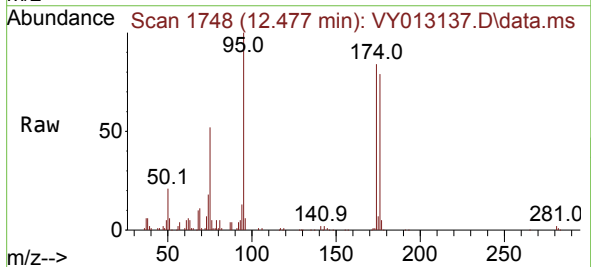
Instrument :
MSVOA_Y
ClientSampleId :
RS-E

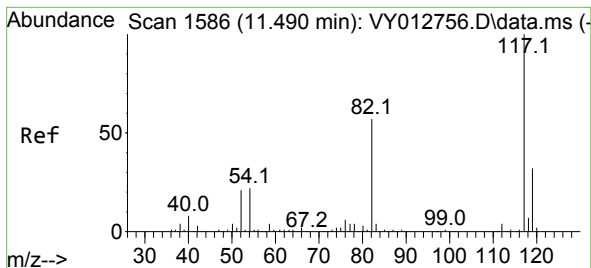
Tgt Ion: 98 Resp: 172014
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.405 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013137.D
Acq: 29 Mar 2023 18:09

Tgt Ion: 95 Resp: 51110
Ion Ratio Lower Upper
95 100
174 88.9 0.0 176.6
176 84.1 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013137.D

Acq: 29 Mar 2023 18:09

Instrument :

MSVOA_Y

ClientSampleId :

RS-E

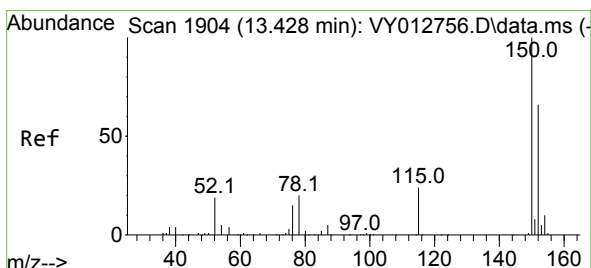
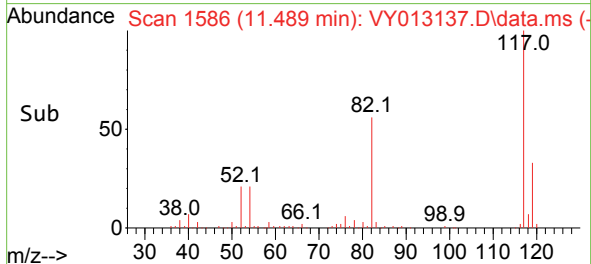
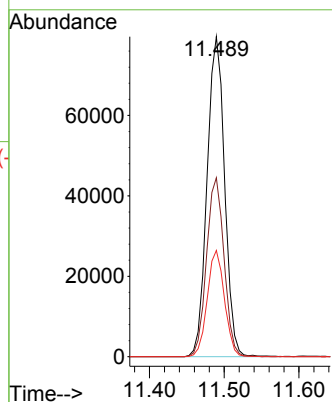
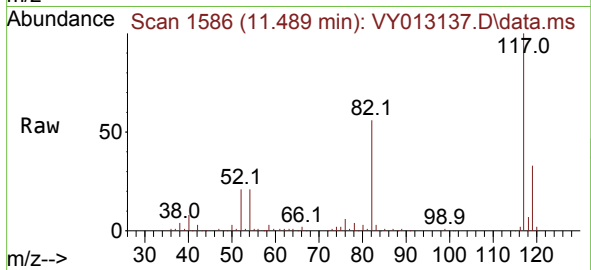
Tgt Ion:117 Resp: 129801

Ion Ratio Lower Upper

117 100

82 55.9 45.4 68.0

119 33.2 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY013137.D

Acq: 29 Mar 2023 18:09

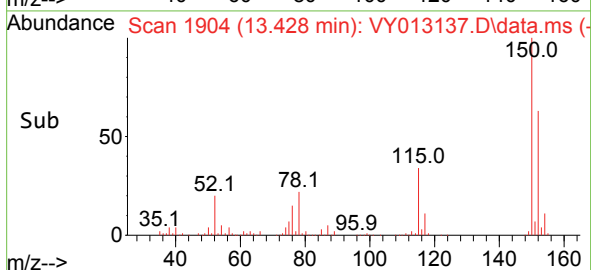
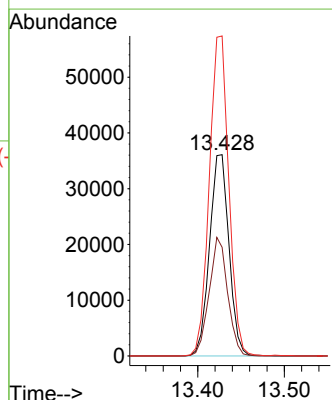
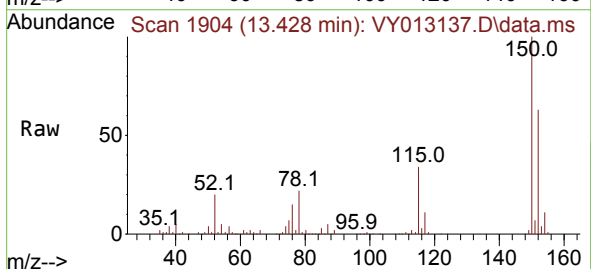
Tgt Ion:152 Resp: 56230

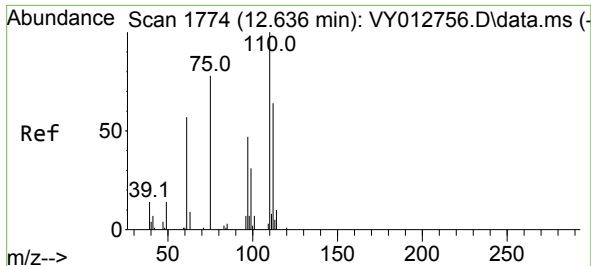
Ion Ratio Lower Upper

152 100

115 56.0 27.1 81.3

150 159.5 0.0 347.8

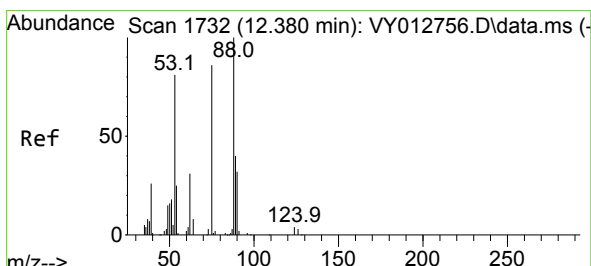
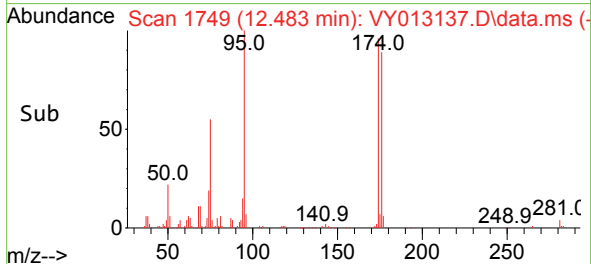
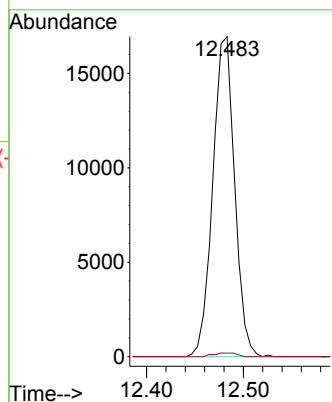
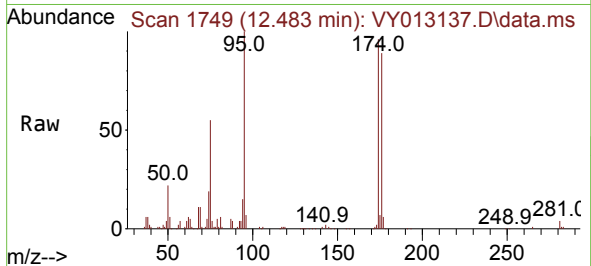




#76
1,2,3-Trichloropropane
Concen: 39.608 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013137.D
Acq: 29 Mar 2023 18:09

Instrument :
MSVOA_Y
ClientSampleId :
RS-E

Tgt Ion: 75 Resp: 26596
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.070 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013137.D
Acq: 29 Mar 2023 18:09

Tgt Ion: 75 Resp: 26596
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

