

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015546.D
 Acq On : 14 Sep 2023 20:13
 Operator : SY/MD
 Sample : 04397-03
 Misc : 4.58g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B103-04(7.5-8)

Quant Time: Sep 15 04:06:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

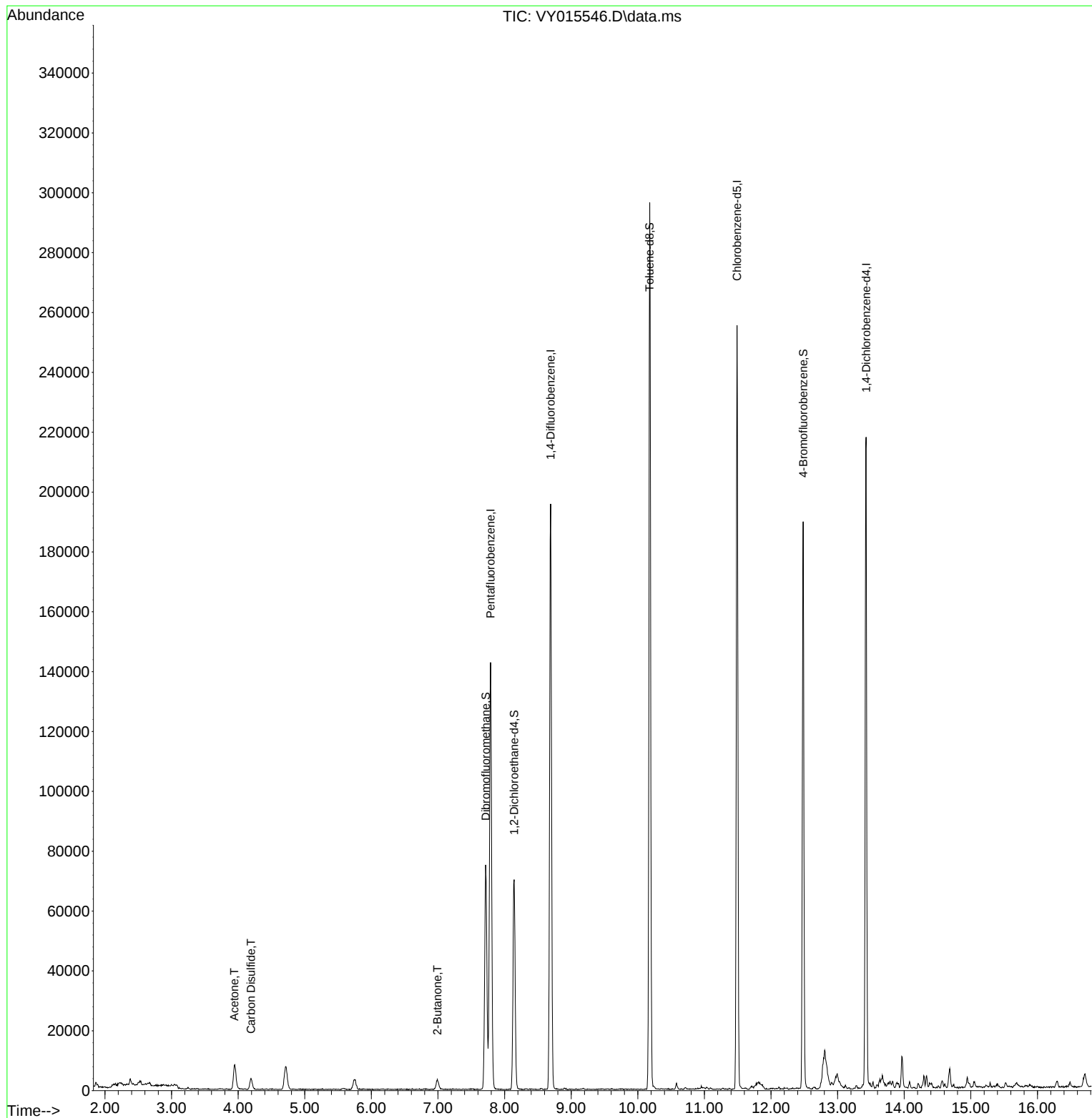
Internal Standards						
1) Pentafluorobenzene	7.789	168	111257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	170614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	138602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	55837	46.817	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.640%
35) Dibromofluoromethane	7.716	113	51866	52.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.560%
50) Toluene-d8	10.179	98	196209	55.135	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.260%
62) 4-Bromofluorobenzene	12.483	95	56372	42.670	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.340%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	14912	29.955	ug/l	96
17) Carbon Disulfide	4.192	76	7114	2.152	ug/l	97
25) 2-Butanone	6.990	43	5529	7.831	ug/l #	86

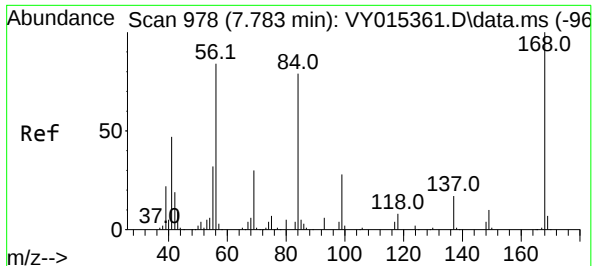
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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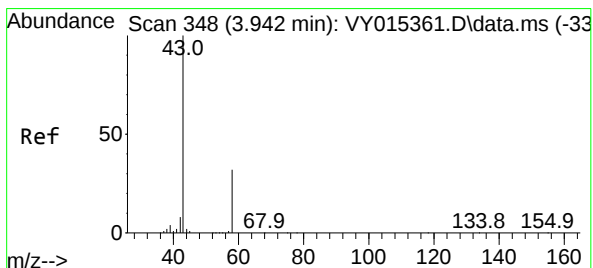
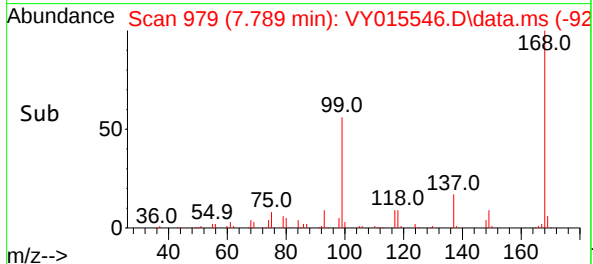
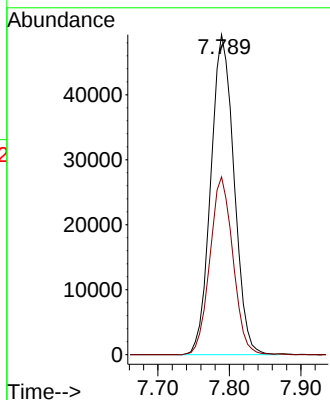
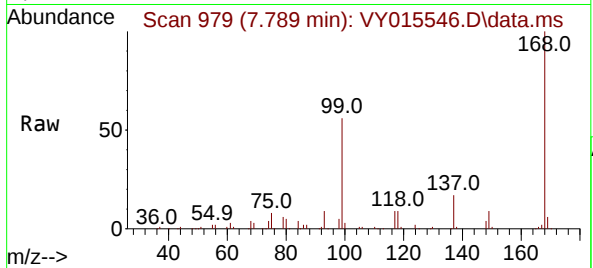




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015546.D
Acq: 14 Sep 2023 20:13

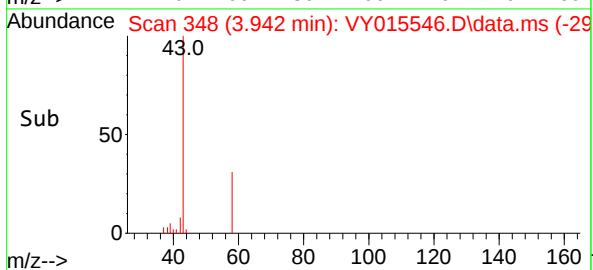
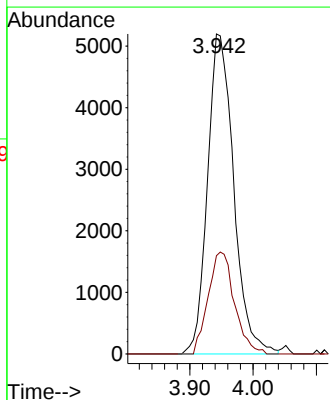
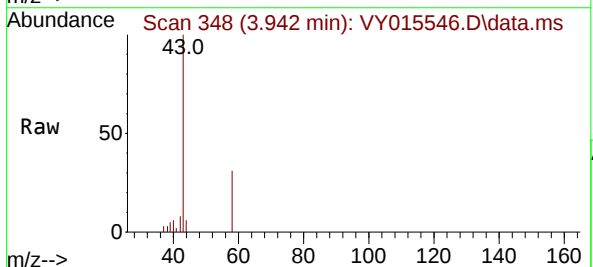
Instrument :
MSVOA_Y
ClientSampleId :
B103-04(7.5-8)

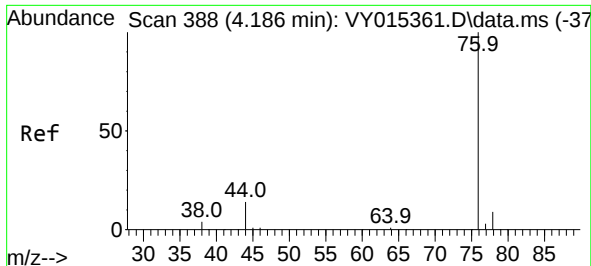
Tgt Ion:168 Resp: 111257
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#16
Acetone
Concen: 29.955 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015546.D
Acq: 14 Sep 2023 20:13

Tgt Ion: 43 Resp: 14912
Ion Ratio Lower Upper
43 100
58 30.7 22.7 34.1

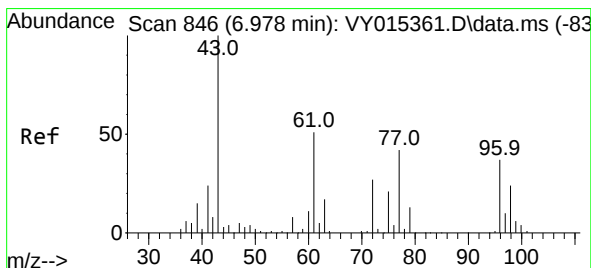
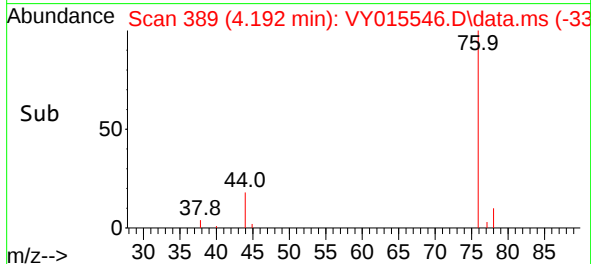
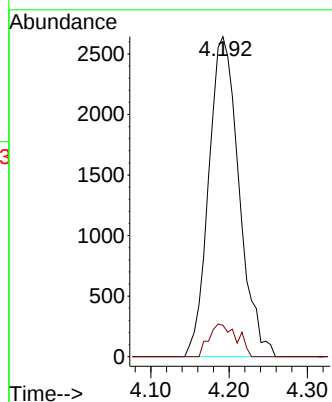
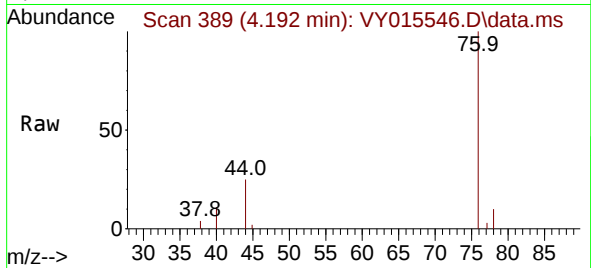




#17
Carbon Disulfide
Concen: 2.152 ug/l
RT: 4.192 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY015546.D
Acq: 14 Sep 2023 20:13

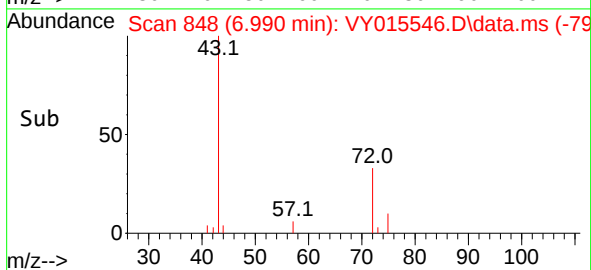
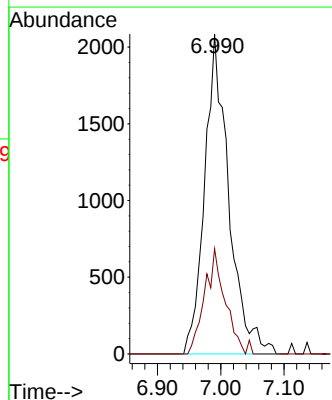
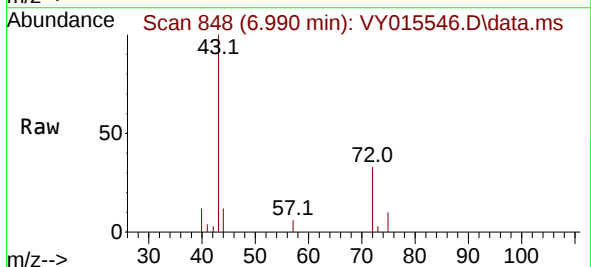
Instrument :
MSVOA_Y
ClientSampleId :
B103-04(7.5-8)

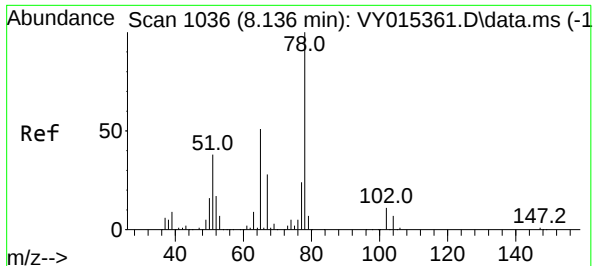
Tgt Ion: 76 Resp: 7114
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4



#25
2-Butanone
Concen: 7.831 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY015546.D
Acq: 14 Sep 2023 20:13

Tgt Ion: 43 Resp: 5529
Ion Ratio Lower Upper
43 100
72 32.9 20.5 30.7#





#33

1,2-Dichloroethane-d4

Concen: 46.817 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015546.D

Acq: 14 Sep 2023 20:13

Instrument :

MSVOA_Y

ClientSampleId :

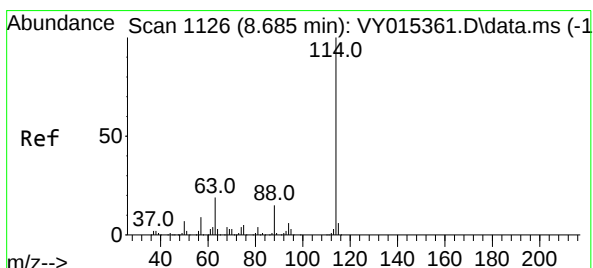
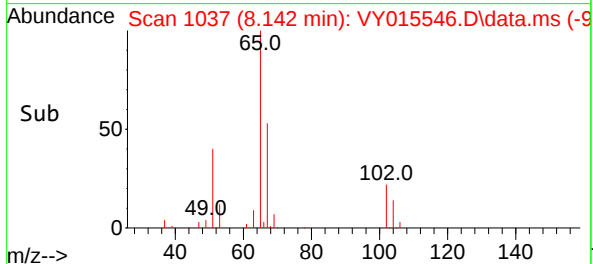
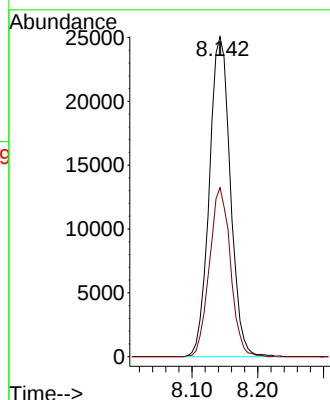
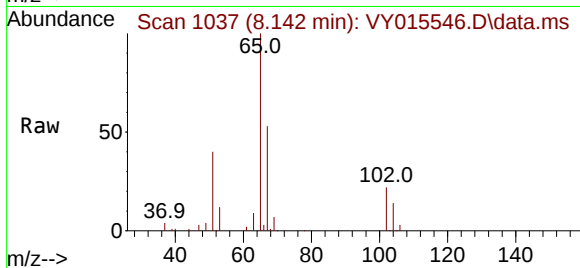
B103-04(7.5-8)

Tgt Ion: 65 Resp: 55837

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015546.D

Acq: 14 Sep 2023 20:13

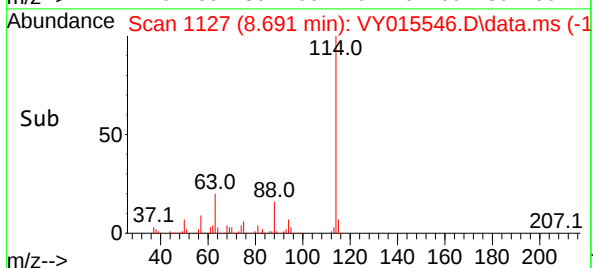
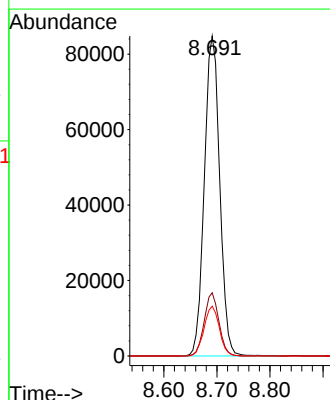
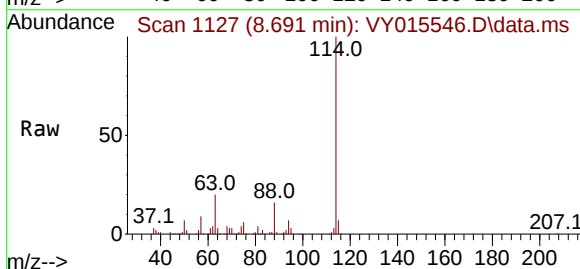
Tgt Ion: 114 Resp: 170614

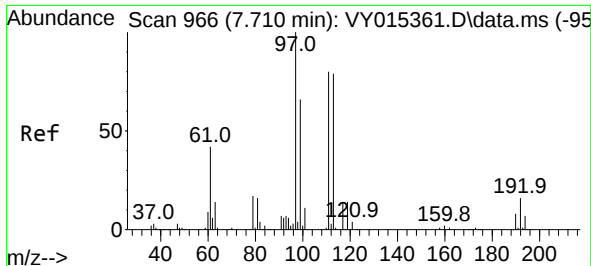
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.779 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015546.D

Acq: 14 Sep 2023 20:13

Instrument :

MSVOA_Y

ClientSampleId :

B103-04(7.5-8)

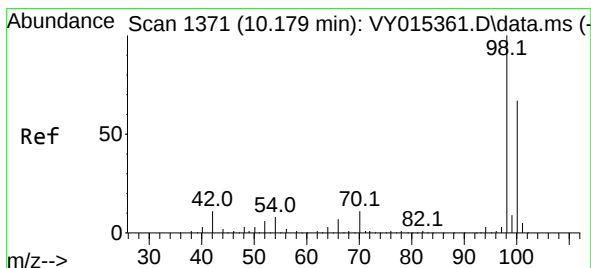
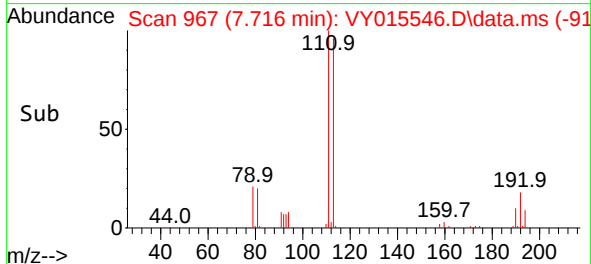
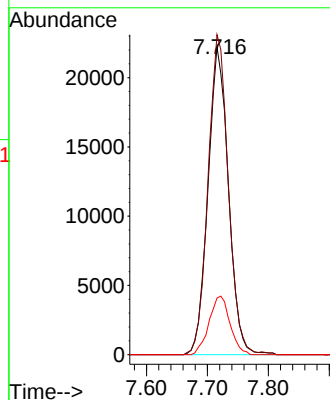
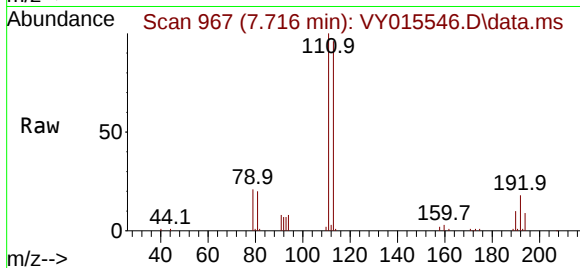
Tgt Ion:113 Resp: 51866

Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

192 19.5 16.9 25.3



#50

Toluene-d8

Concen: 55.135 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015546.D

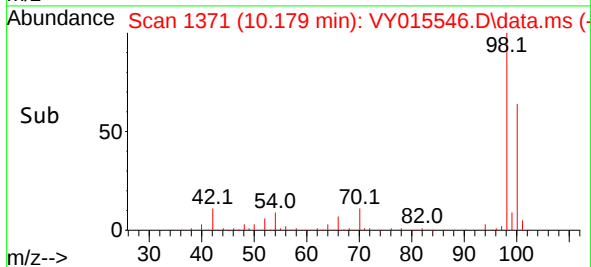
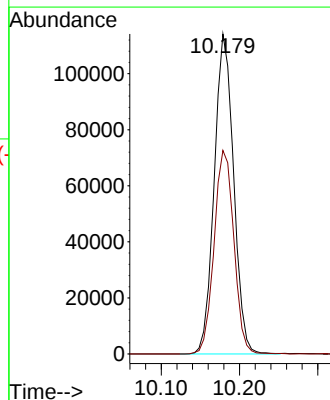
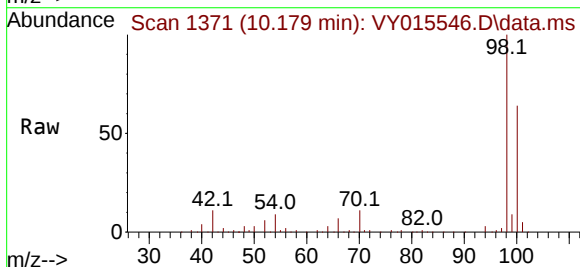
Acq: 14 Sep 2023 20:13

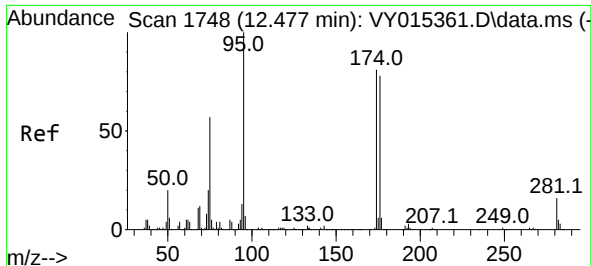
Tgt Ion: 98 Resp: 196209

Ion Ratio Lower Upper

98 100

100 64.9 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 42.670 ug/l

RT: 12.483 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015546.D

Acq: 14 Sep 2023 20:13

Instrument :

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ClientSampleId :

B103-04(7.5-8)

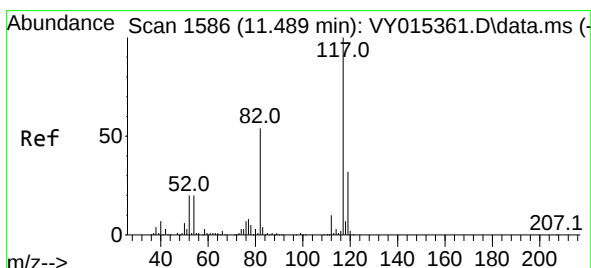
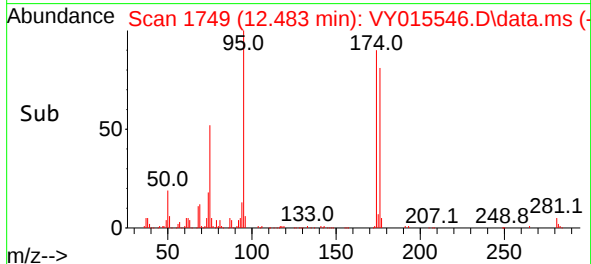
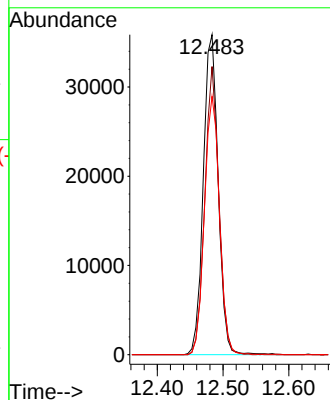
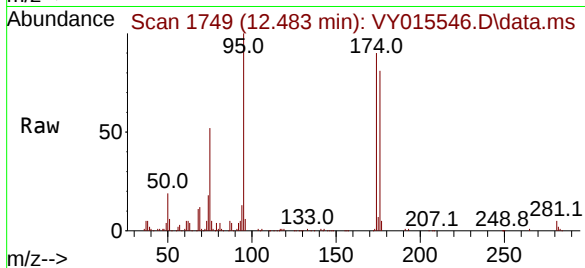
Tgt Ion: 95 Resp: 56372

Ion Ratio Lower Upper

95 100

174 85.4 0.0 178.2

176 81.7 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY015546.D

Acq: 14 Sep 2023 20:13

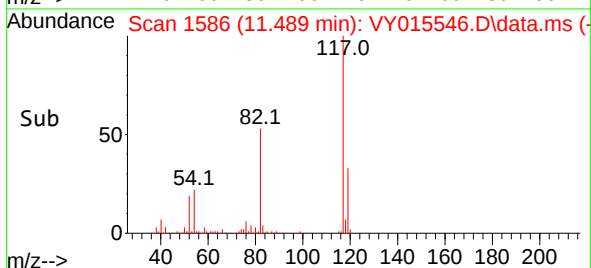
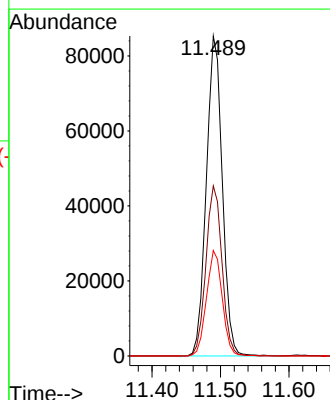
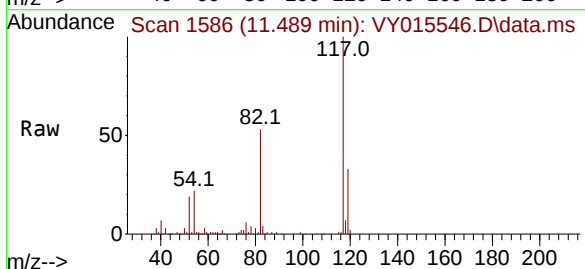
Tgt Ion: 117 Resp: 138602

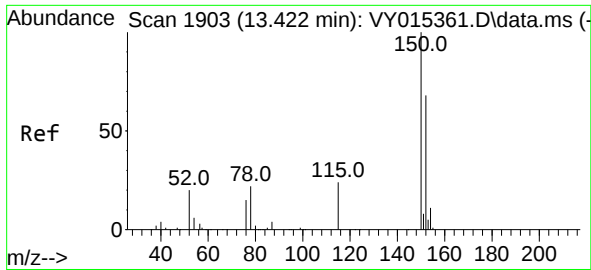
Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

119 32.9 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: VY015546.D
 Acq: 14 Sep 2023 20:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 B103-04(7.5-8)

Tgt Ion:152 Resp: 55982
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.8 86.5
 150 158.7 0.0 348.8

