

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092023\
 Data File : VY015654.D
 Acq On : 20 Sep 2023 13:21
 Operator : SY/MD
 Sample : 04491-03
 Misc : 5.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B102-04(7.5-8)

Quant Time: Sep 21 03:40:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

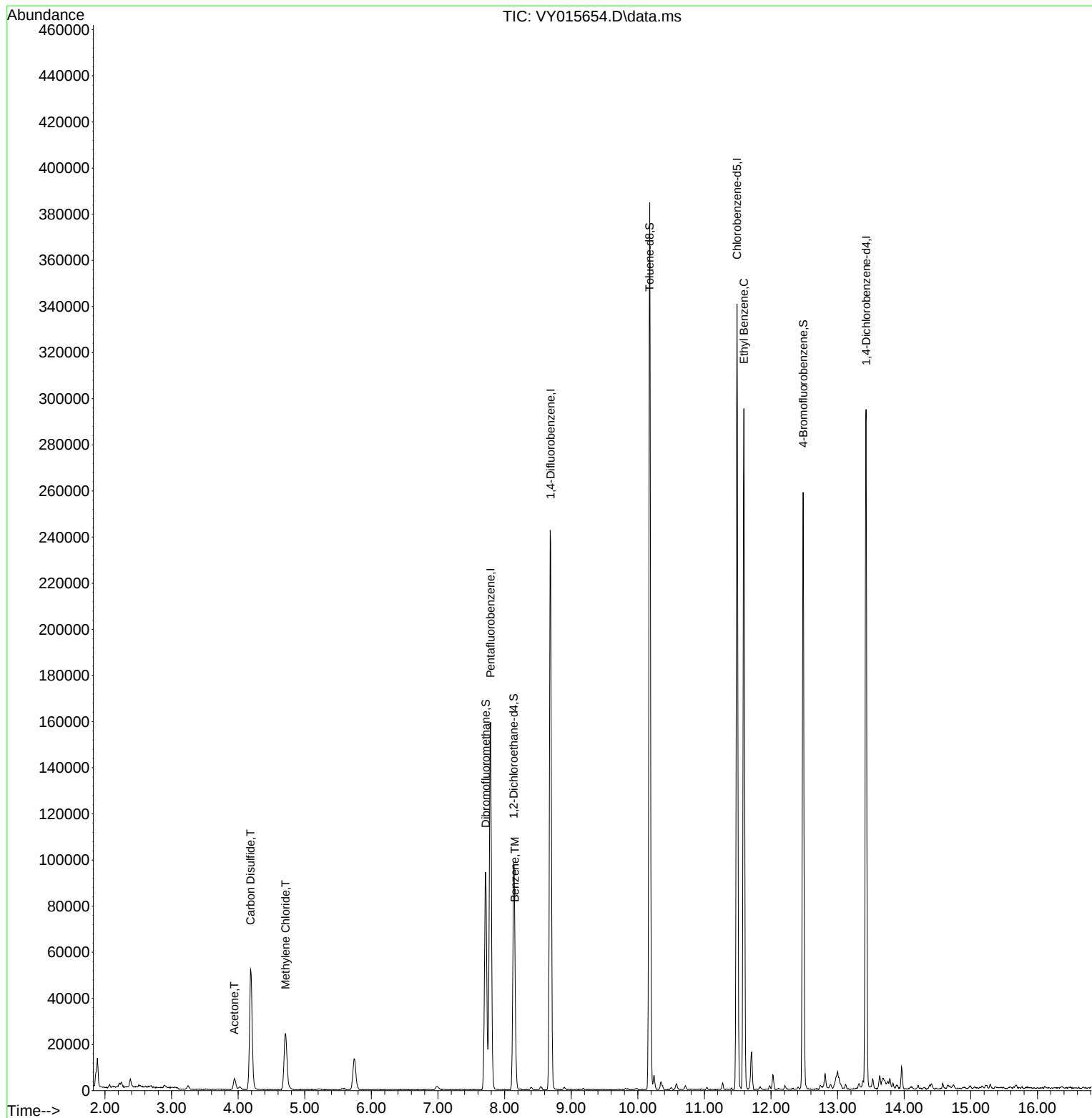
Internal Standards						
1) Pentafluorobenzene	7.789	168	121863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	209530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	183628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	74242	55.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.740%	
35) Dibromofluoromethane	7.716	113	66374	52.925	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.860%	
50) Toluene-d8	10.179	98	245771	57.798	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.600%	
62) 4-Bromofluorobenzene	12.483	95	75302	45.126	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.260%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	8660	12.069	ug/l	95
17) Carbon Disulfide	4.186	76	106889	51.321	ug/l	98
20) Methylene Chloride	4.710	84	18586	7.736	ug/l	95
40) Benzene	8.155	78	9807	1.734	ug/l	93
67) Ethyl Benzene	11.593	91	204638	29.210	ug/l	99

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

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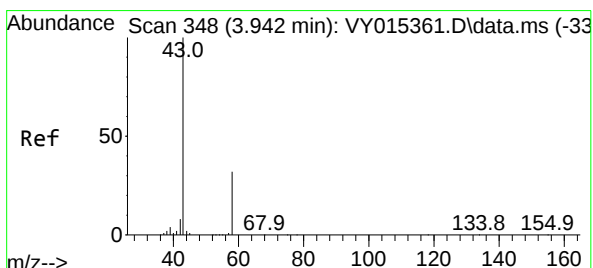
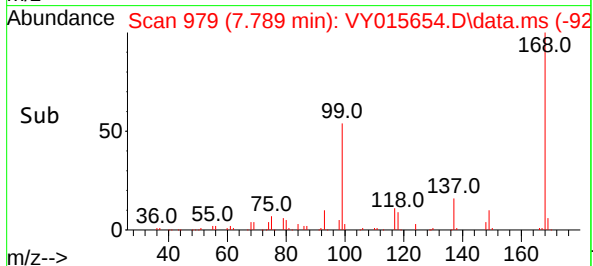
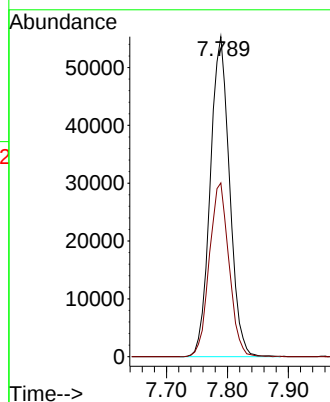
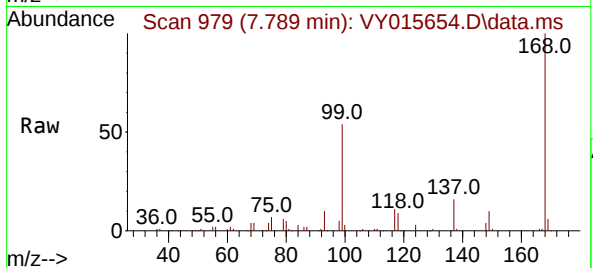




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015654.D
Acq: 20 Sep 2023 13:21

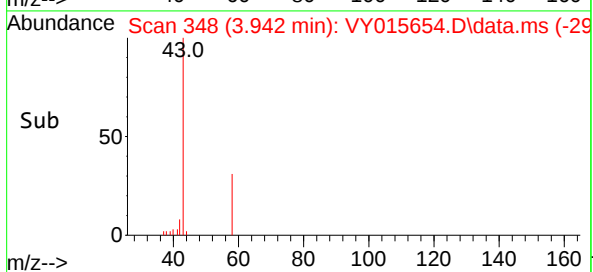
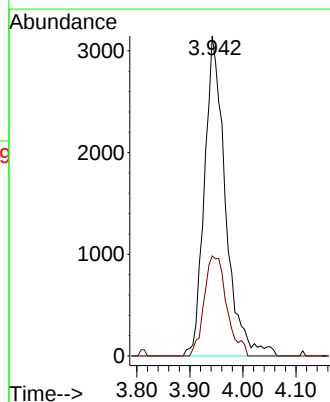
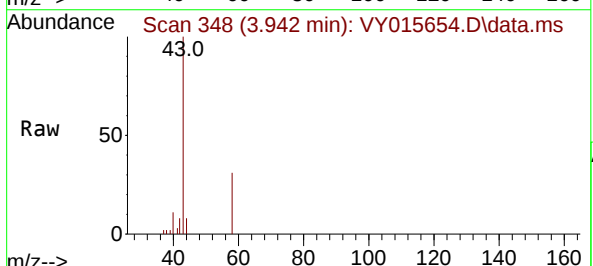
Instrument :
MSVOA_Y
ClientSampleId :
B102-04(7.5-8)

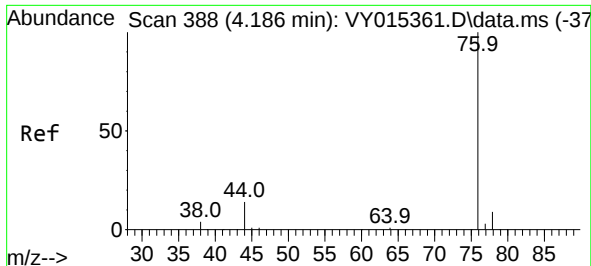
Tgt Ion:168 Resp: 121863
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#16
Acetone
Concen: 12.069 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015654.D
Acq: 20 Sep 2023 13:21

Tgt Ion: 43 Resp: 8660
Ion Ratio Lower Upper
43 100
58 31.3 22.7 34.1

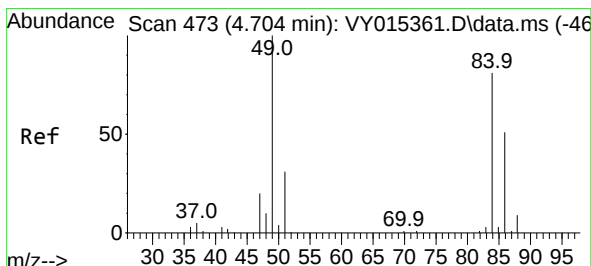
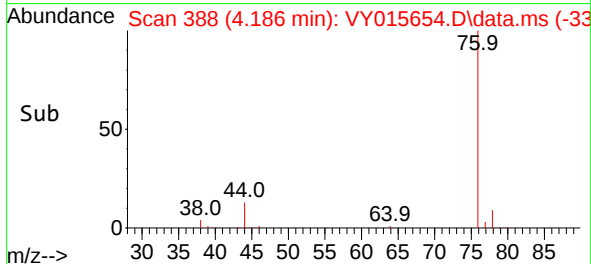
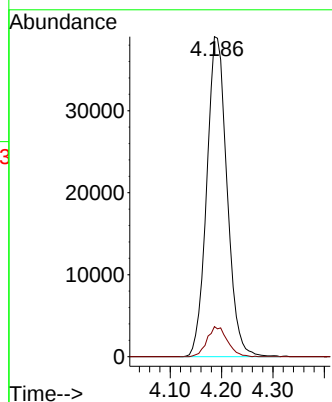
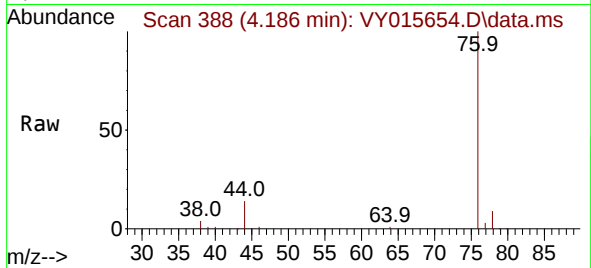




#17
Carbon Disulfide
Concen: 51.321 ug/l
RT: 4.186 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY015654.D
Acq: 20 Sep 2023 13:21

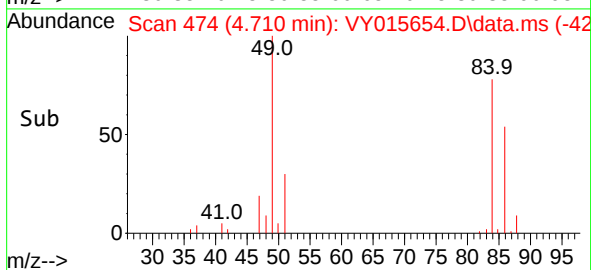
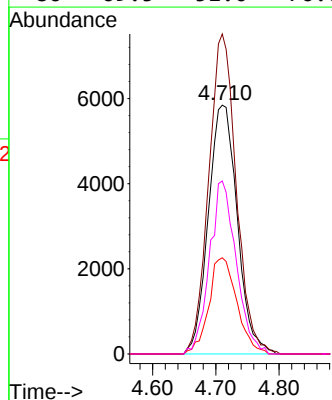
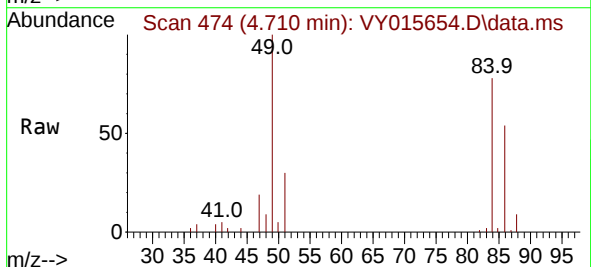
Instrument :
MSVOA_Y
ClientSampleId :
B102-04(7.5-8)

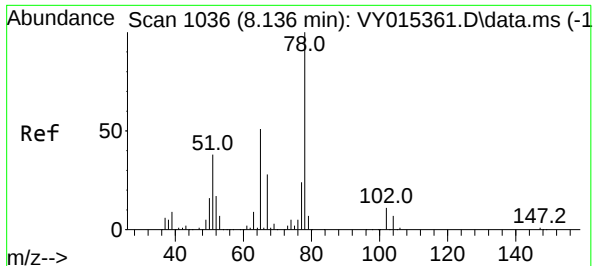
Tgt Ion: 76 Resp: 106889
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#20
Methylene Chloride
Concen: 7.736 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015654.D
Acq: 20 Sep 2023 13:21

Tgt Ion: 84 Resp: 18586
Ion Ratio Lower Upper
84 100
49 128.6 106.9 160.3
51 38.6 33.2 49.8
86 69.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 55.370 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY015654.D

Acq: 20 Sep 2023 13:21

Instrument :

MSVOA_Y

ClientSampleId :

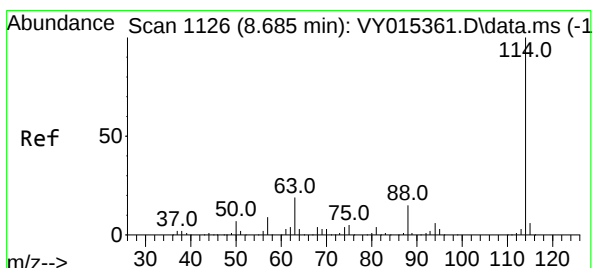
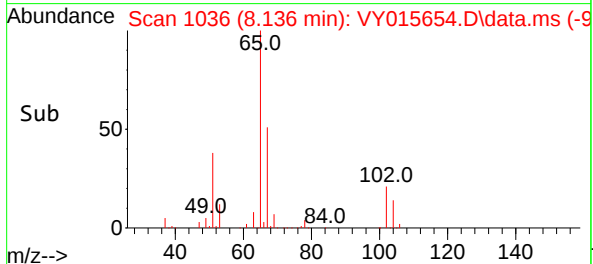
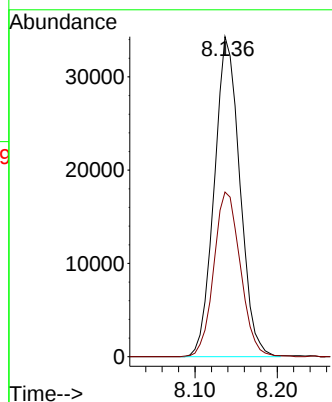
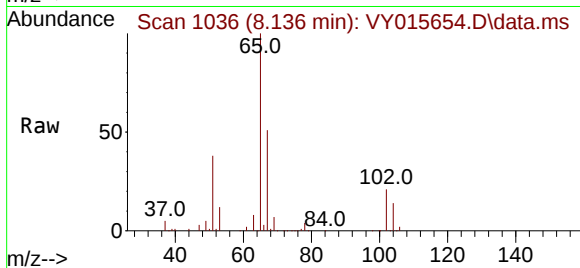
B102-04(7.5-8)

Tgt Ion: 65 Resp: 74242

Ion Ratio Lower Upper

65 100

67 53.5 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: VY015654.D

Acq: 20 Sep 2023 13:21

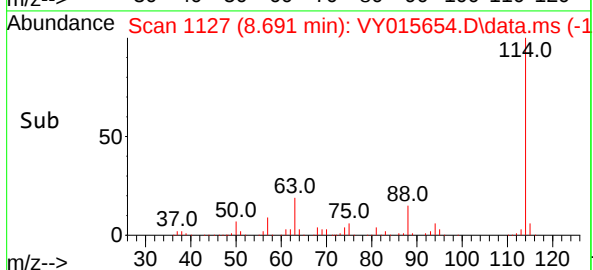
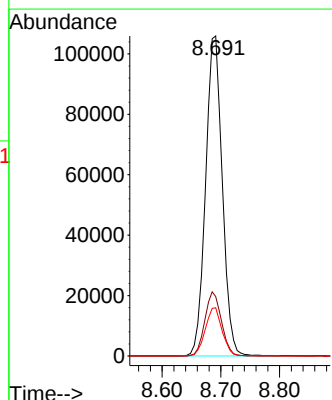
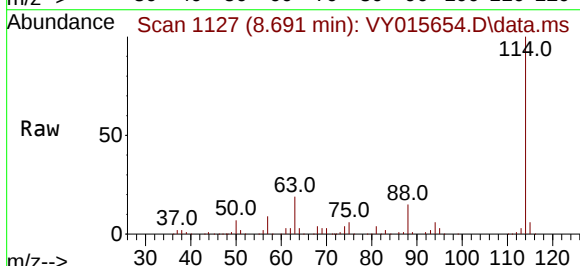
Tgt Ion: 114 Resp: 209530

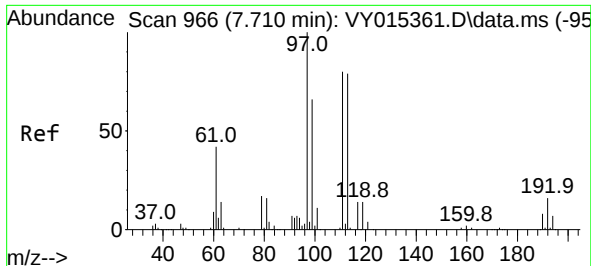
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 15.1 0.0 30.6

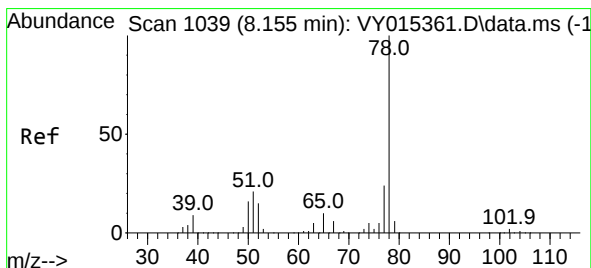
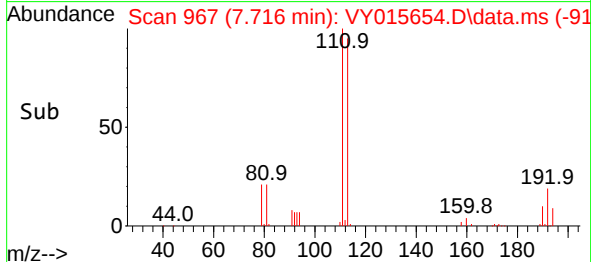
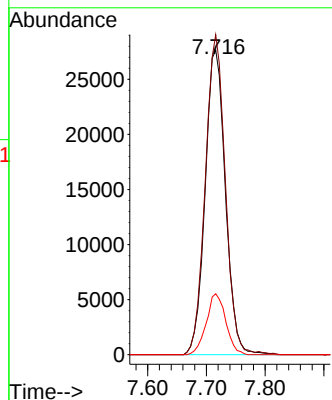
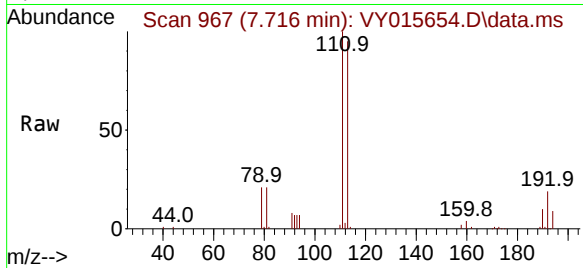




#35
Dibromofluoromethane
Concen: 52.925 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015654.D
Acq: 20 Sep 2023 13:21

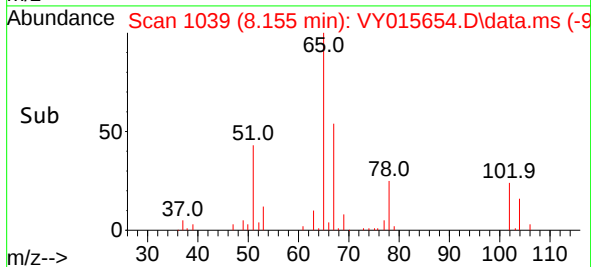
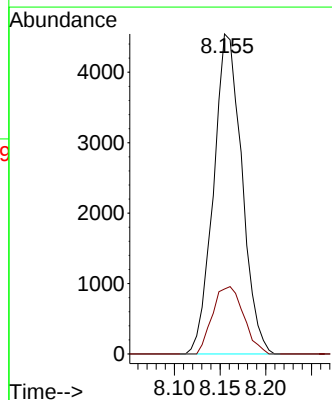
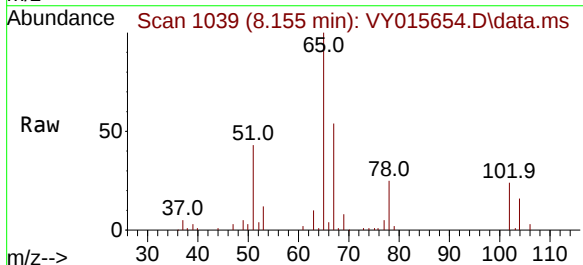
Instrument :
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ClientSampleId :
B102-04(7.5-8)

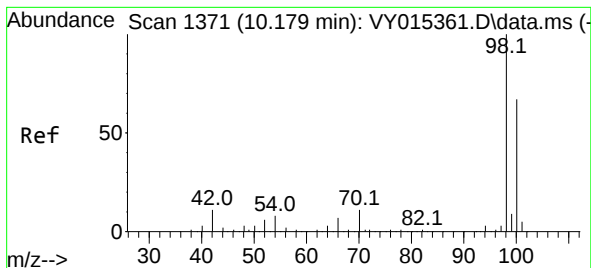
Tgt Ion:113 Resp: 66374
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 19.2 16.9 25.3



#40
Benzene
Concen: 1.734 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY015654.D
Acq: 20 Sep 2023 13:21

Tgt Ion: 78 Resp: 9807
Ion Ratio Lower Upper
78 100
77 20.3 19.0 28.6

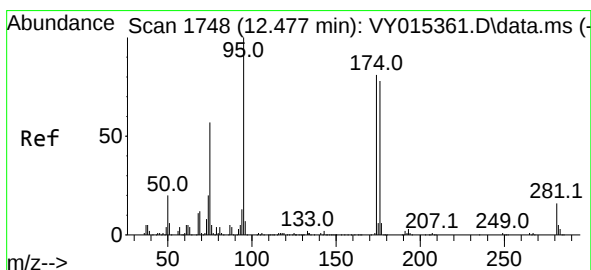
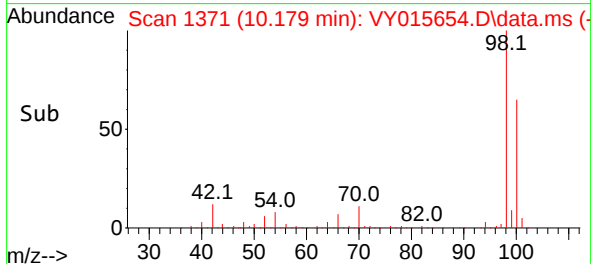
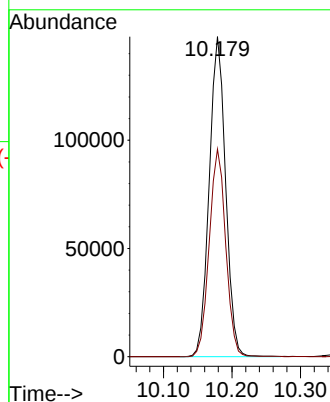
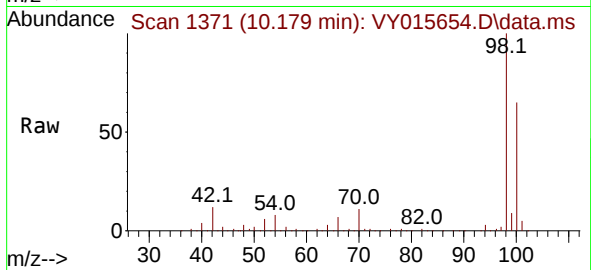




#50
Toluene-d8
Concen: 57.798 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015654.D
Acq: 20 Sep 2023 13:21

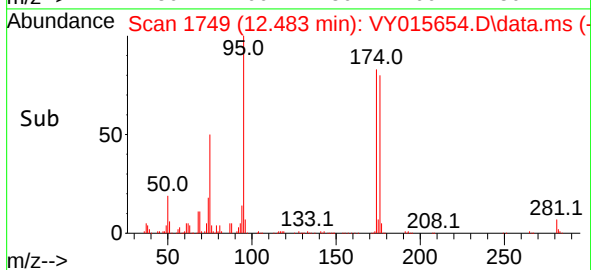
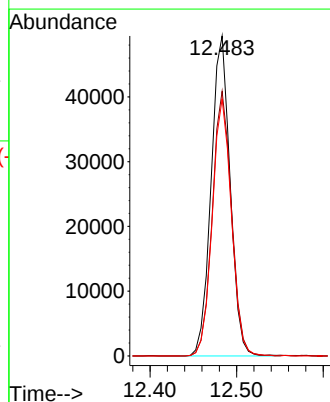
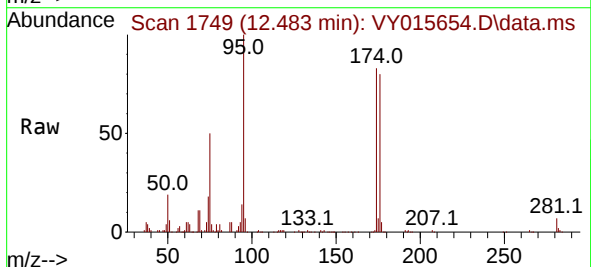
Instrument :
MSVOA_Y
ClientSampleId :
B102-04(7.5-8)

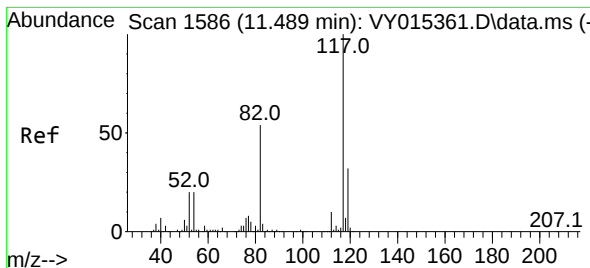
Tgt Ion: 98 Resp: 245771
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.126 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015654.D
Acq: 20 Sep 2023 13:21

Tgt Ion: 95 Resp: 75302
Ion Ratio Lower Upper
95 100
174 83.8 0.0 178.2
176 81.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY015654.D

Acq: 20 Sep 2023 13:21

Instrument :

MSVOA_Y

ClientSampleId :

B102-04(7.5-8)

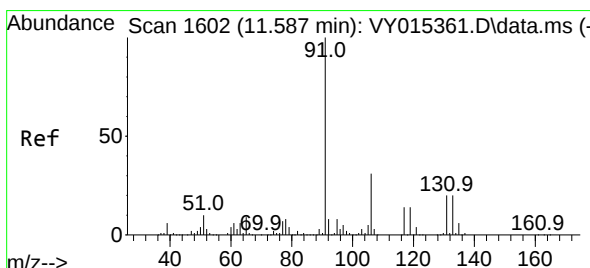
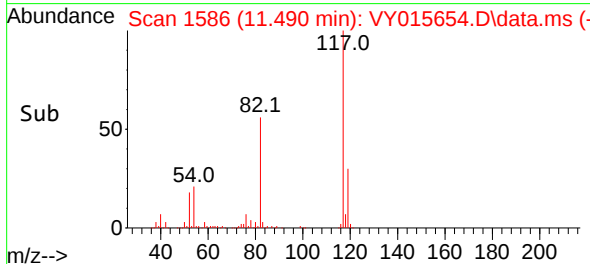
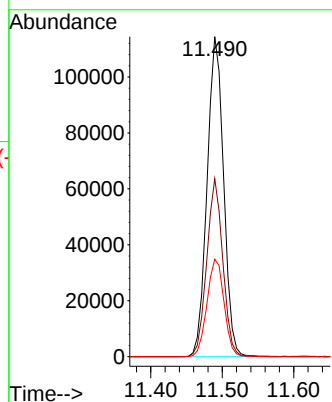
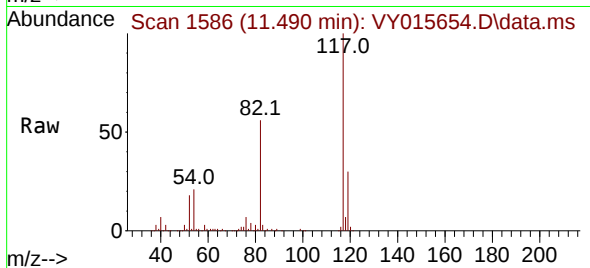
Tgt Ion:117 Resp: 183628

Ion Ratio Lower Upper

117 100

82 55.6 43.4 65.0

119 30.4 26.3 39.5



#67

Ethyl Benzene

Concen: 29.210 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015654.D

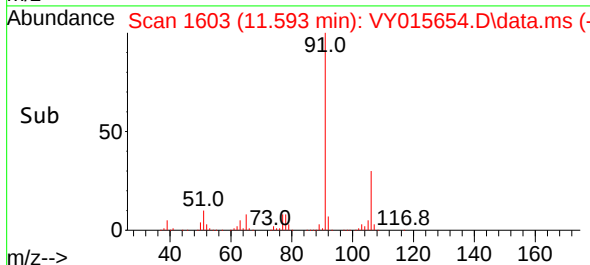
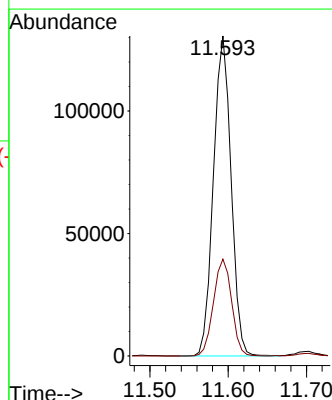
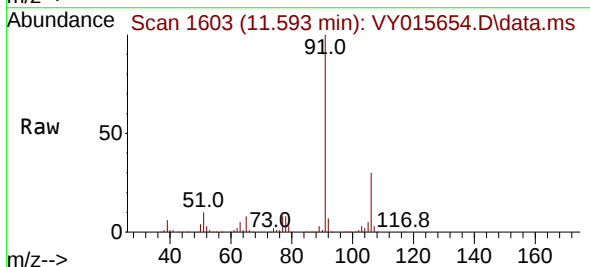
Acq: 20 Sep 2023 13:21

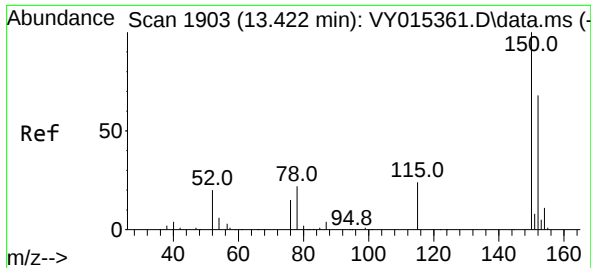
Tgt Ion: 91 Resp: 204638

Ion Ratio Lower Upper

91 100

106 30.3 24.6 36.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015654.D

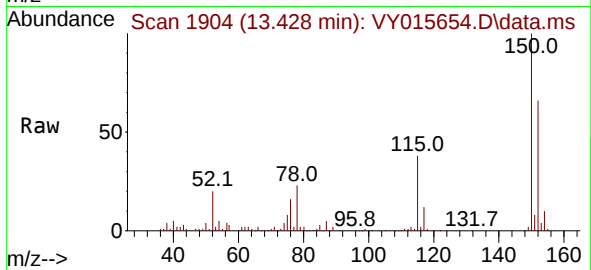
Acq: 20 Sep 2023 13:21

Instrument :

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ClientSampleId :

B102-04(7.5-8)



Tgt Ion:152 Resp: 74984

Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 157.3 0.0 348.8

