

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
 Data File : VY015157.D
 Acq On : 16 Aug 2023 18:04
 Operator : SY/MD
 Sample : 04045-03
 Misc : 5.40g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 350

Quant Time: Aug 17 05:32:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

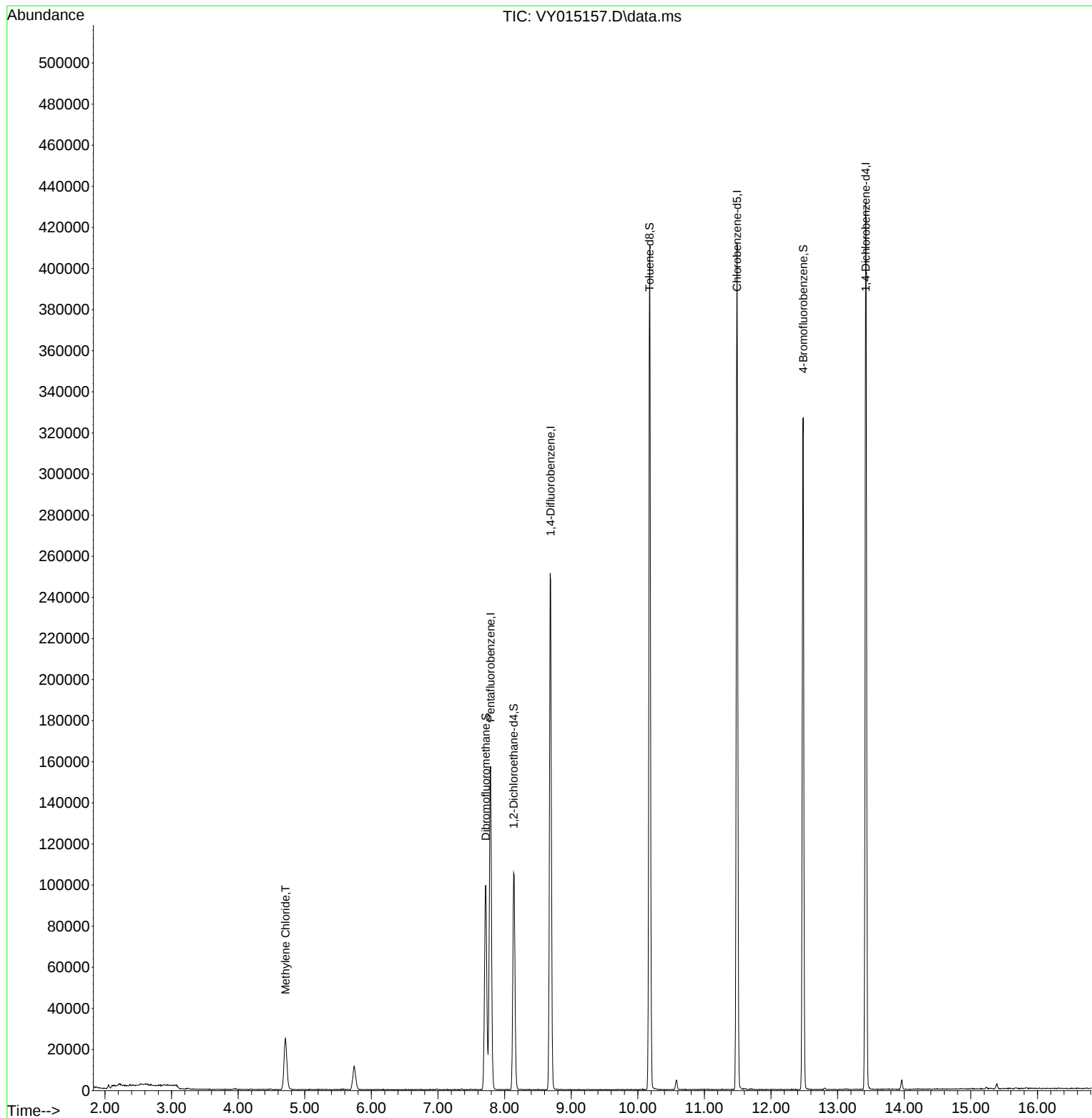
Internal Standards						
1) Pentafluorobenzene	7.789	168	122645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	218121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	218059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	111659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83784	56.909	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.820%	
35) Dibromofluoromethane	7.715	113	69140	49.271	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.540%	
50) Toluene-d8	10.178	98	264165	50.571	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.140%	
62) 4-Bromofluorobenzene	12.483	95	98688	51.725	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.440%	
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	18245	12.589	ug/l	93

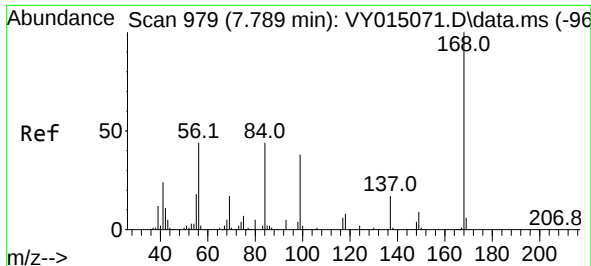
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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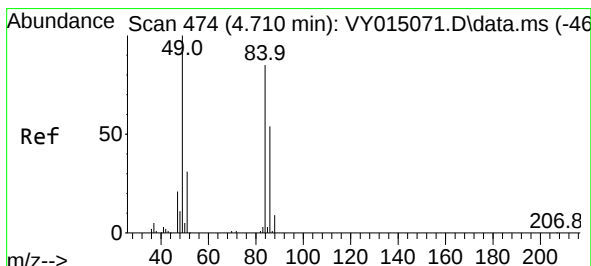
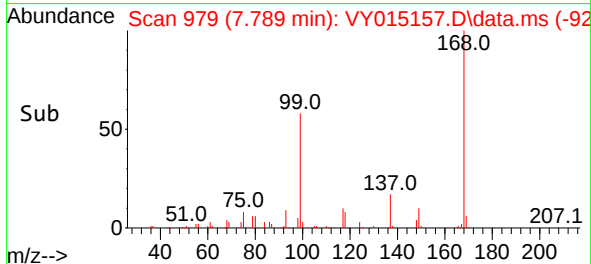
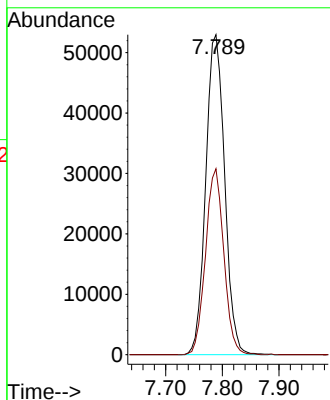
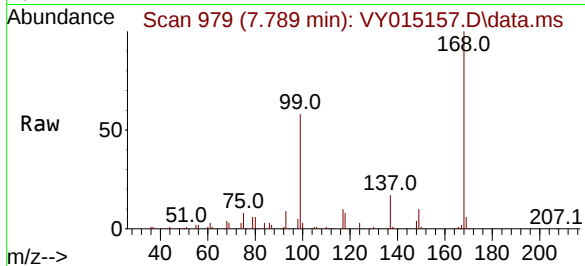




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015157.D
Acq: 16 Aug 2023 18:04

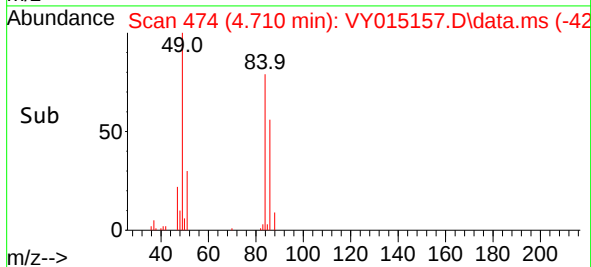
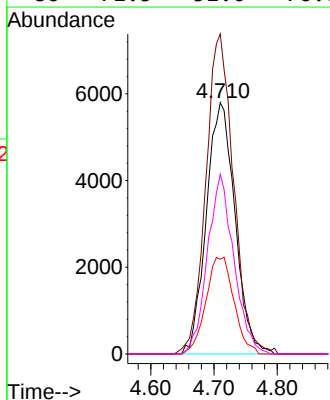
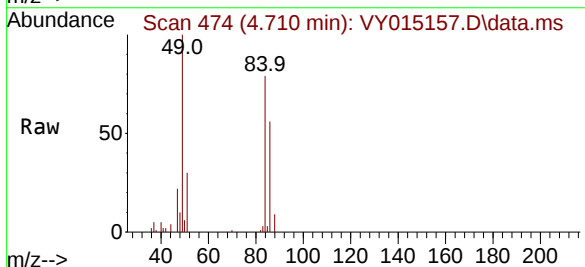
Instrument :
MSVOA_Y
ClientSampleId :
350

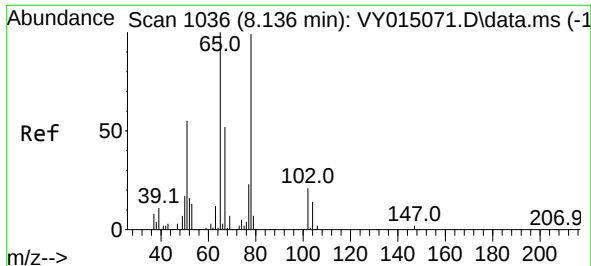
Tgt Ion:168 Resp: 122645
Ion Ratio Lower Upper
168 100
99 58.1 43.4 65.0



#20
Methylene Chloride
Concen: 12.589 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY015157.D
Acq: 16 Aug 2023 18:04

Tgt Ion: 84 Resp: 18245
Ion Ratio Lower Upper
84 100
49 127.3 106.9 160.3
51 37.7 33.2 49.8
86 71.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 56.909 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY015157.D

Acq: 16 Aug 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

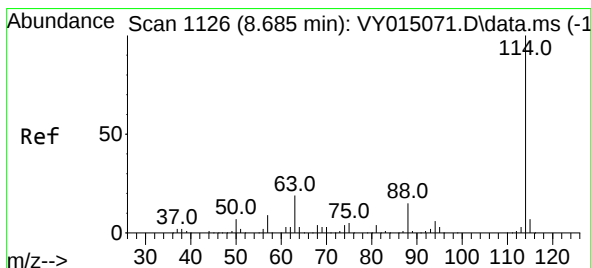
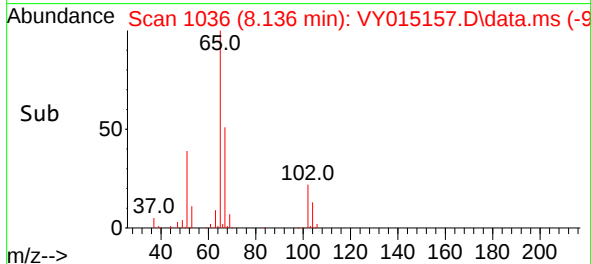
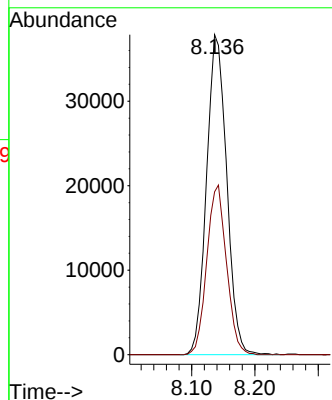
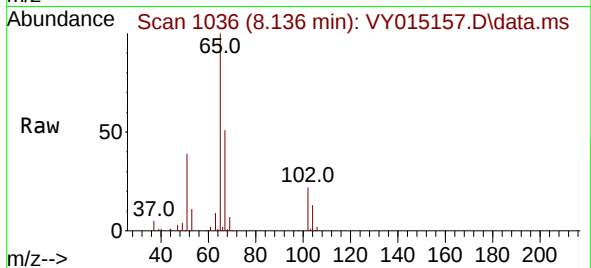
350

Tgt Ion: 65 Resp: 83784

Ion Ratio Lower Upper

65 100

67 51.8 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: VY015157.D

Acq: 16 Aug 2023 18:04

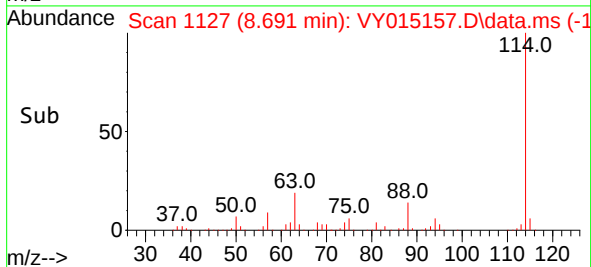
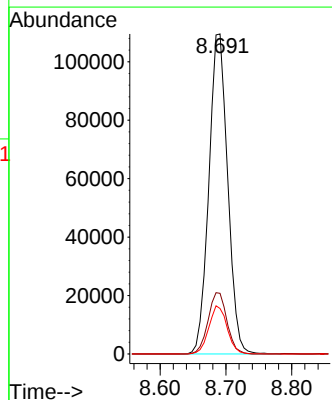
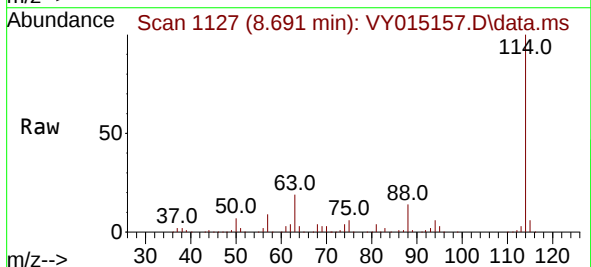
Tgt Ion: 114 Resp: 218121

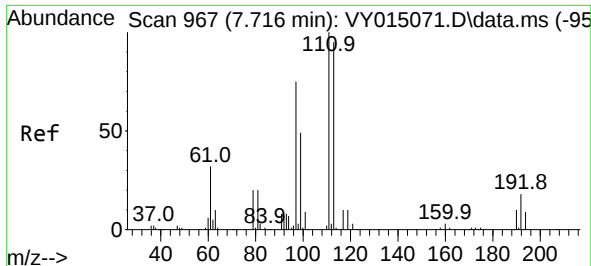
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 14.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.271 ug/l

RT: 7.715 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY015157.D

Acq: 16 Aug 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

350

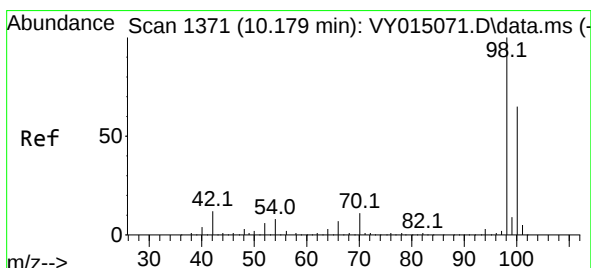
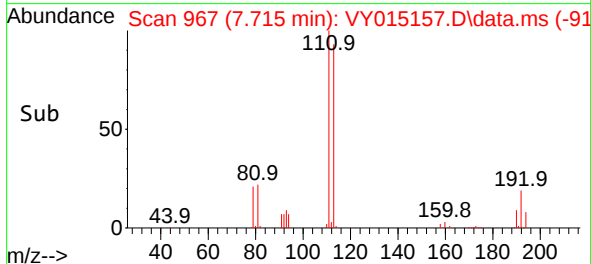
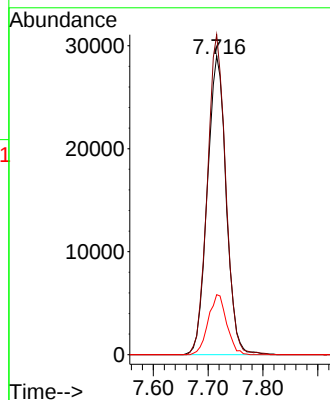
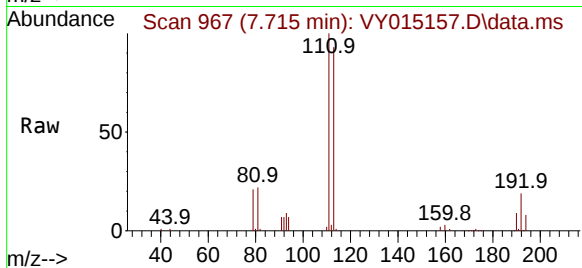
Tgt Ion:113 Resp: 69140

Ion Ratio Lower Upper

113 100

111 104.1 81.3 121.9

192 19.6 16.9 25.3



#50

Toluene-d8

Concen: 50.571 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015157.D

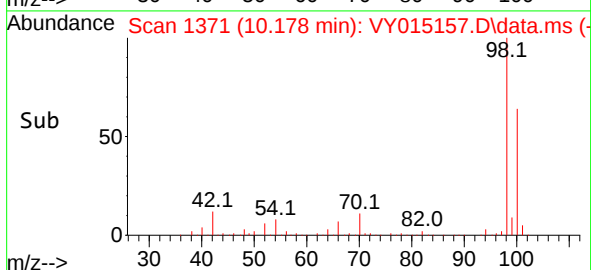
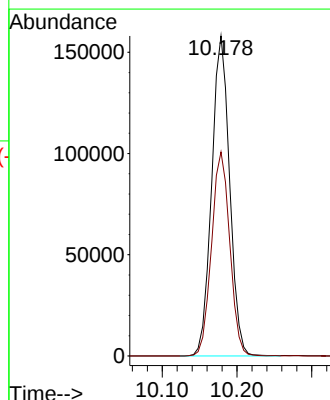
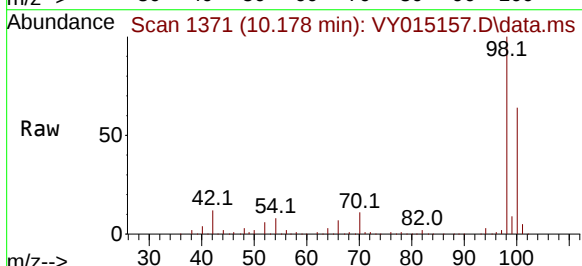
Acq: 16 Aug 2023 18:04

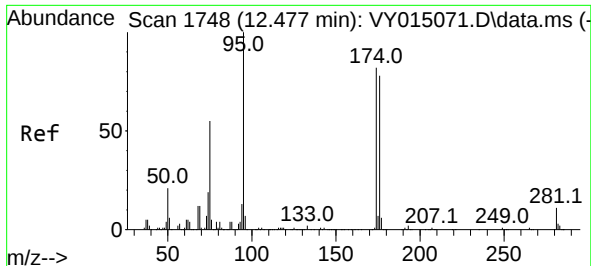
Tgt Ion: 98 Resp: 264165

Ion Ratio Lower Upper

98 100

100 64.7 50.1 75.1

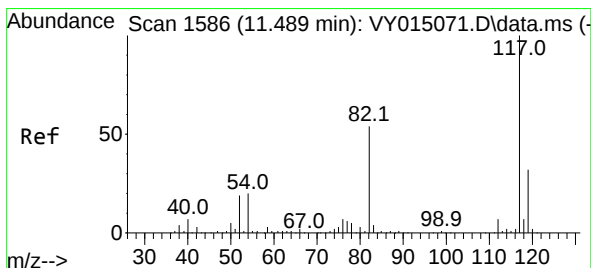
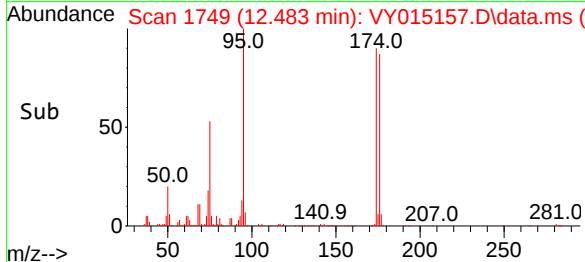
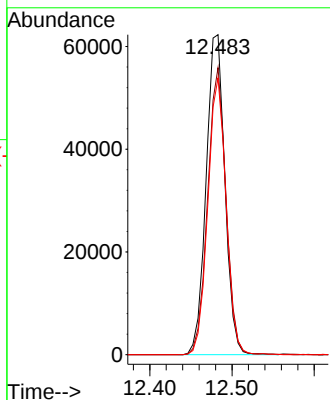
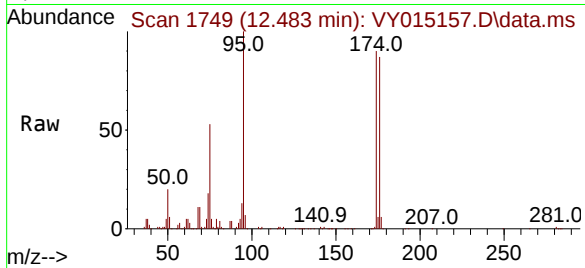




#62
4-Bromofluorobenzene
Concen: 51.725 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015157.D
Acq: 16 Aug 2023 18:04

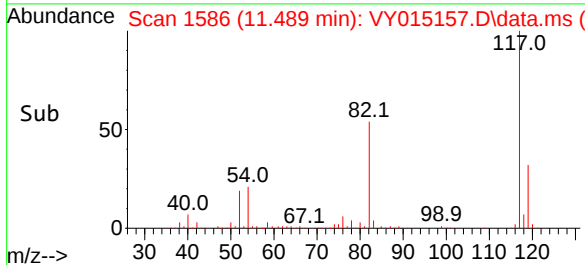
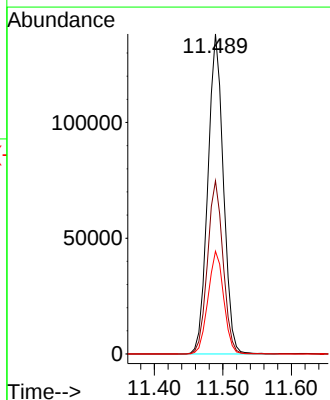
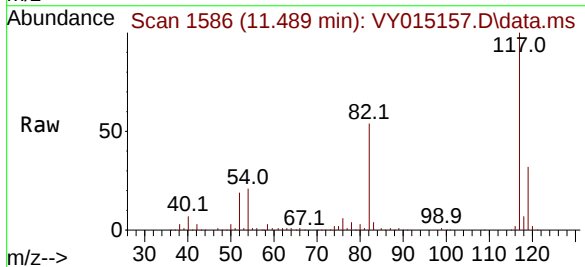
Instrument :
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ClientSampleId :
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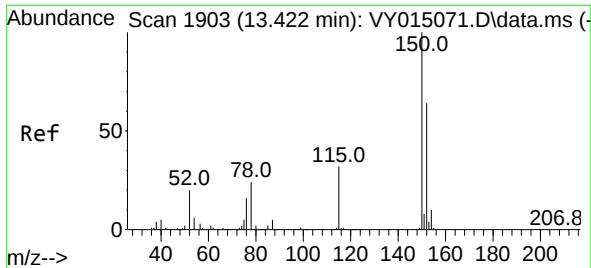
Tgt Ion: 95 Resp: 98688
Ion Ratio Lower Upper
95 100
174 87.9 0.0 178.2
176 84.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015157.D
Acq: 16 Aug 2023 18:04

Tgt Ion: 117 Resp: 218059
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.0
119 32.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY015157.D

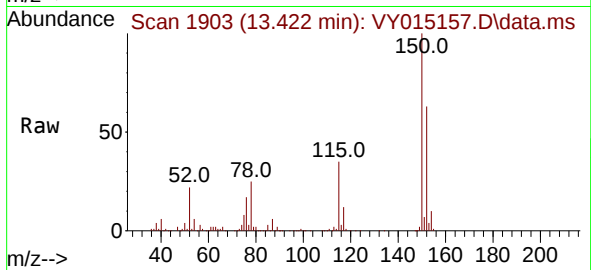
Acq: 16 Aug 2023 18:04

Instrument :

MSVOA_Y

ClientSampleId :

350



Tgt Ion:152 Resp: 111659

Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 157.2 0.0 348.8

