

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
 Data File : VY015156.D
 Acq On : 16 Aug 2023 17:40
 Operator : SY/MD
 Sample : 04045-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB21200

Quant Time: Aug 17 05:32:03 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)

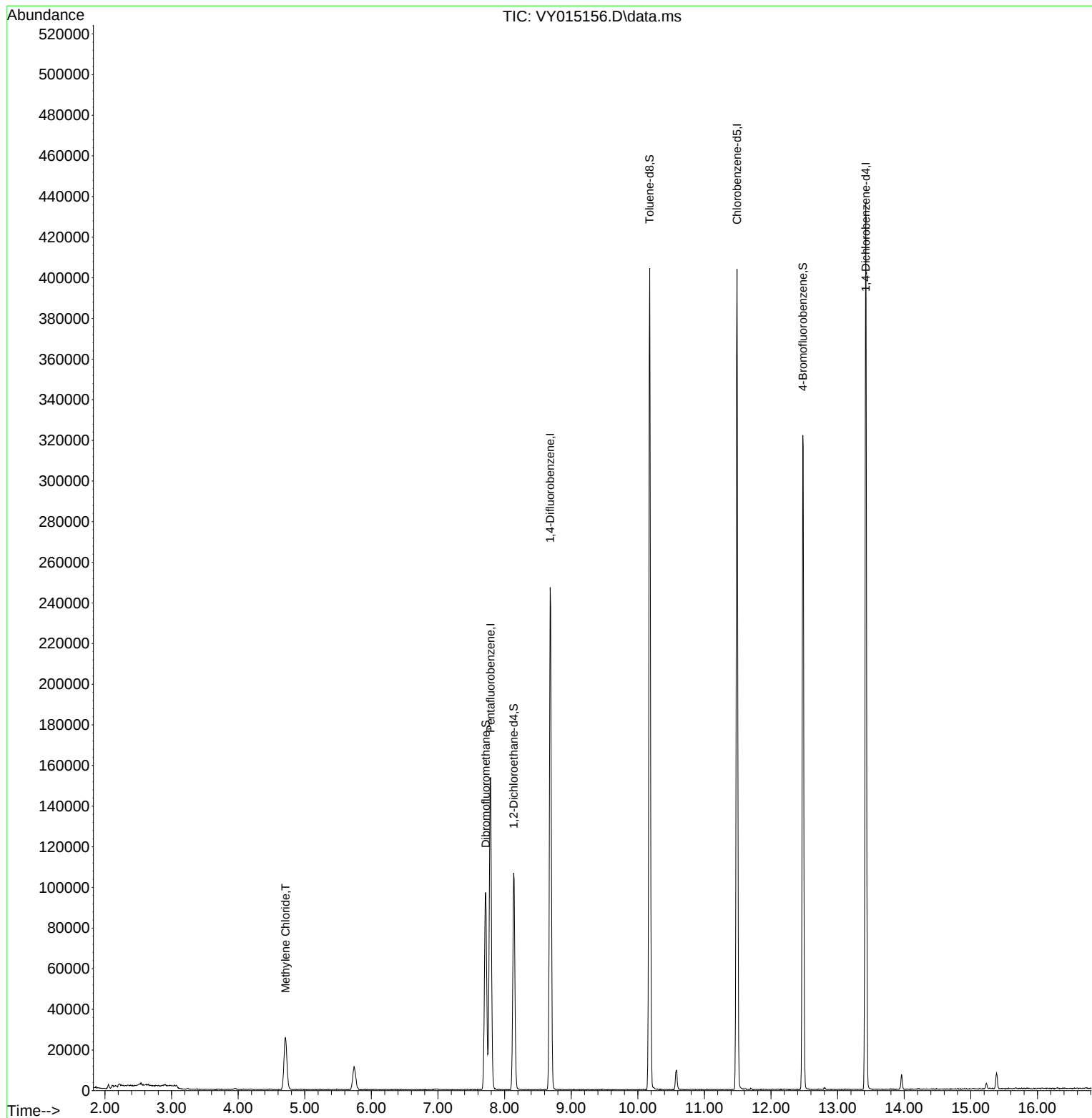
Internal Standards						
1) Pentafluorobenzene	7.789	168	121535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	212968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	213412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	82390	56.474	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.940%
35) Dibromofluoromethane	7.716	113	69690	50.865	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.740%
50) Toluene-d8	10.179	98	257352	50.458	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.920%
62) 4-Bromofluorobenzene	12.477	95	96931	52.033	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.060%
Target Compounds						
20) Methylene Chloride	4.710	84	19866	14.300	ug/l	Qvalue # 89

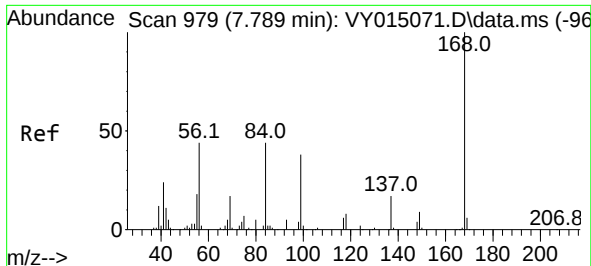
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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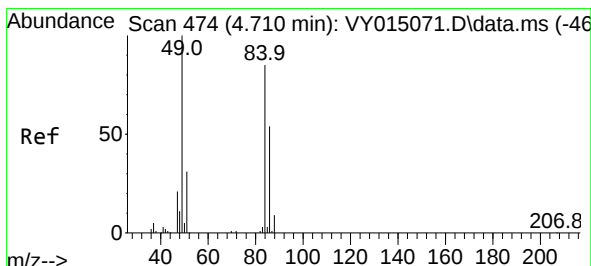
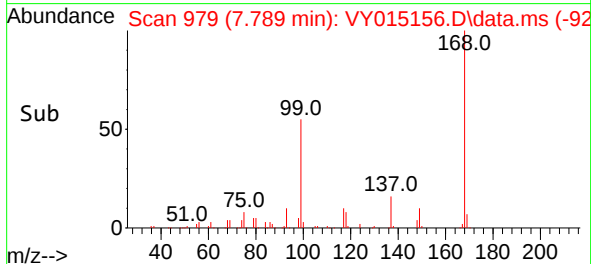
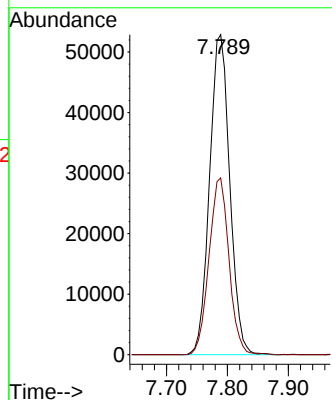
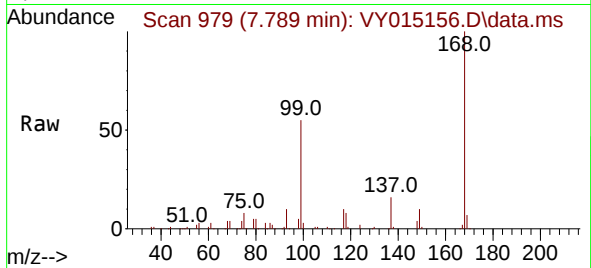




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015156.D
Acq: 16 Aug 2023 17:40

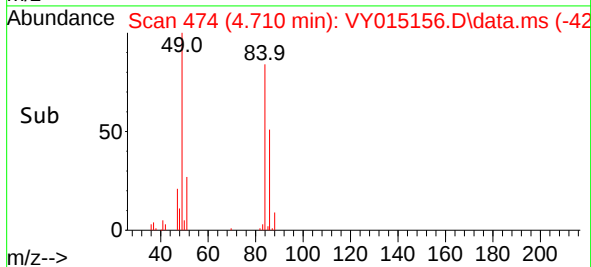
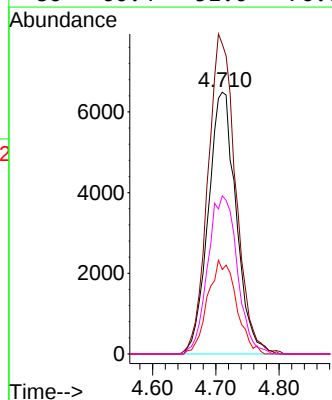
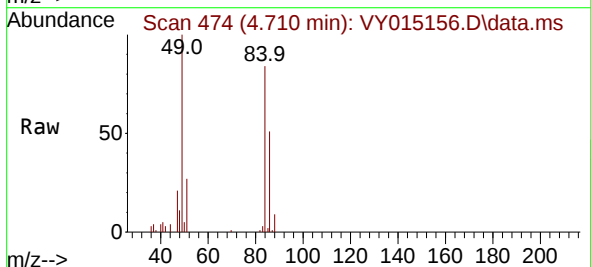
Instrument :
MSVOA_Y
ClientSampleId :
RB21200

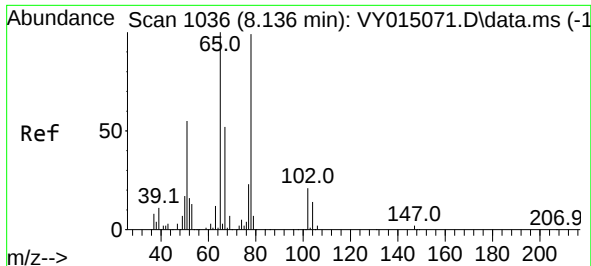
Tgt Ion:168 Resp: 121535
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#20
Methylene Chloride
Concen: 14.300 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015156.D
Acq: 16 Aug 2023 17:40

Tgt Ion: 84 Resp: 19866
Ion Ratio Lower Upper
84 100
49 118.4 106.9 160.3
51 32.3 33.2 49.8#
86 60.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 56.474 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015156.D

Acq: 16 Aug 2023 17:40

Instrument :

MSVOA_Y

ClientSampleId :

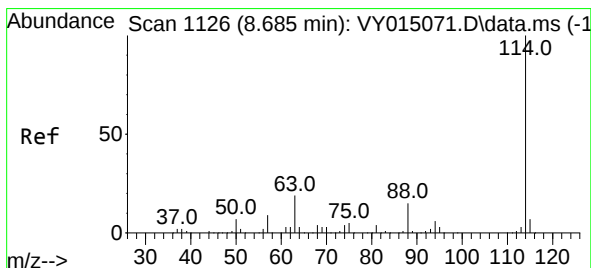
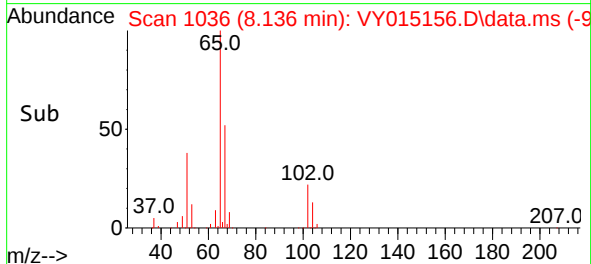
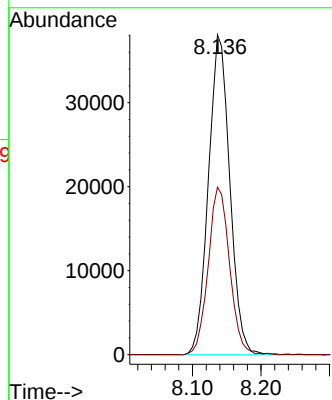
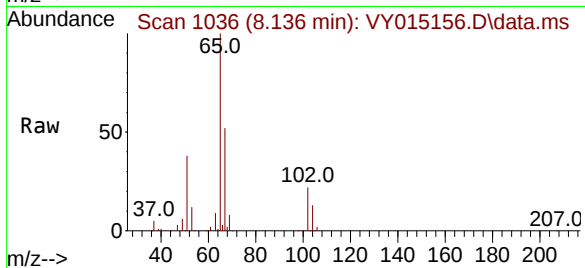
RB21200

Tgt Ion: 65 Resp: 82390

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015156.D

Acq: 16 Aug 2023 17:40

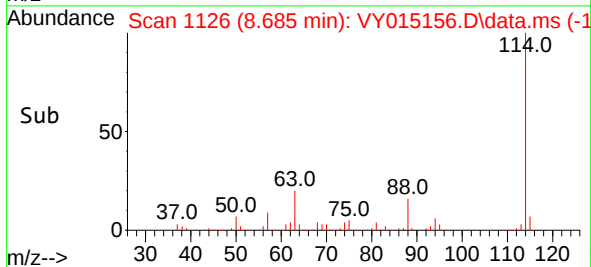
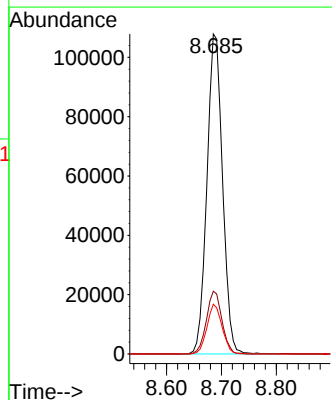
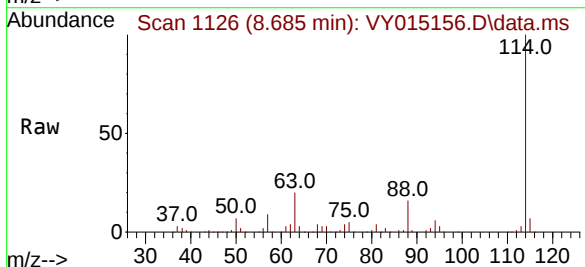
Tgt Ion: 114 Resp: 212968

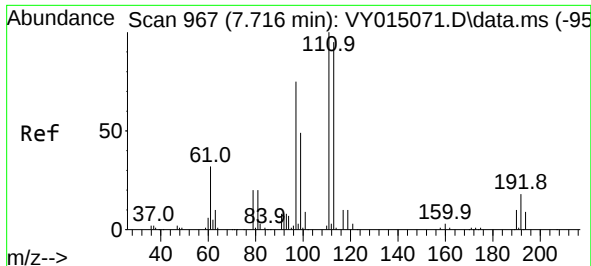
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.865 ug/l

RT: 7.716 min Scan# 90

Delta R.T. 0.000 min

Lab File: VY015156.D

Acq: 16 Aug 2023 17:40

Instrument :

MSVOA_Y

ClientSampleId :

RB21200

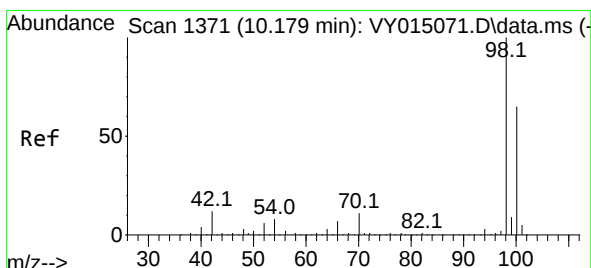
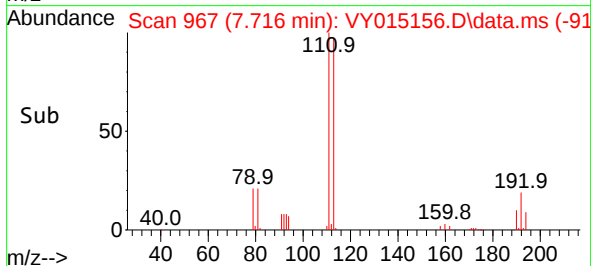
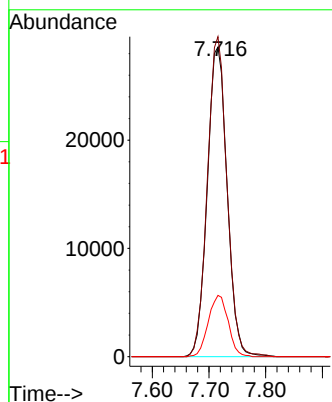
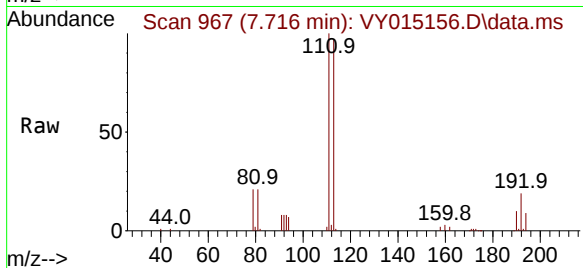
Tgt Ion:113 Resp: 69690

Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

192 19.8 16.9 25.3



#50

Toluene-d8

Concen: 50.458 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015156.D

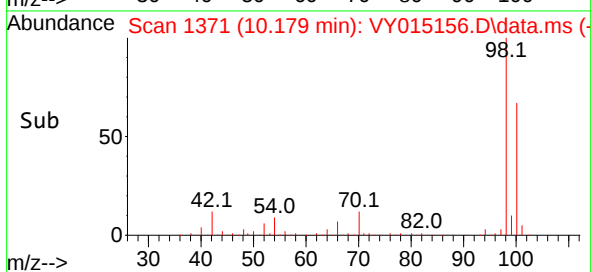
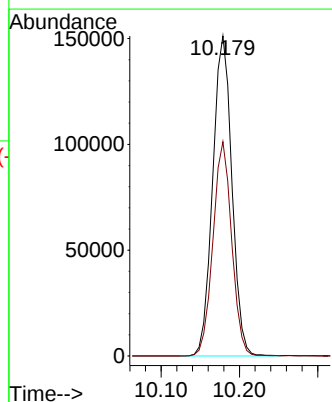
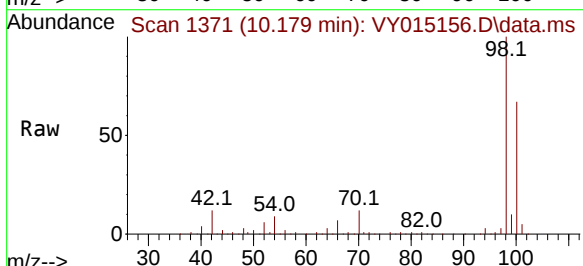
Acq: 16 Aug 2023 17:40

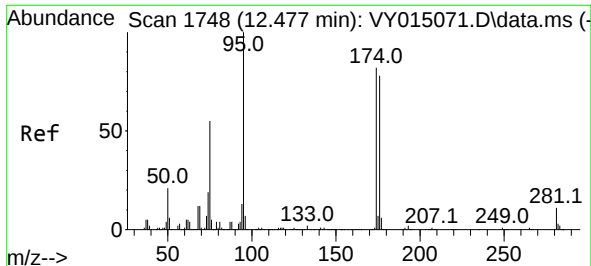
Tgt Ion: 98 Resp: 257352

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

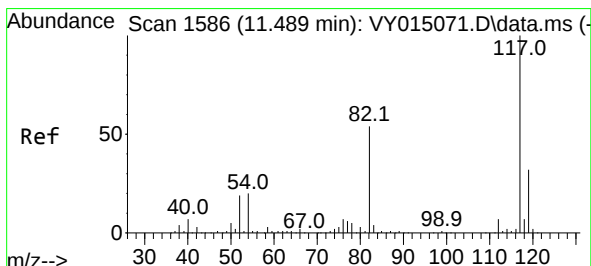
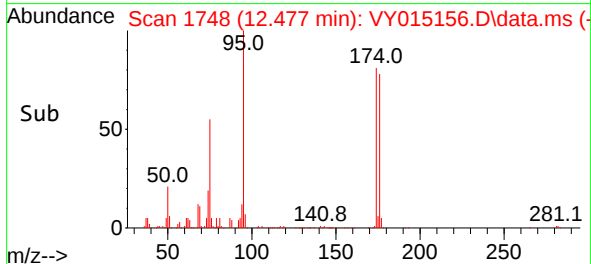
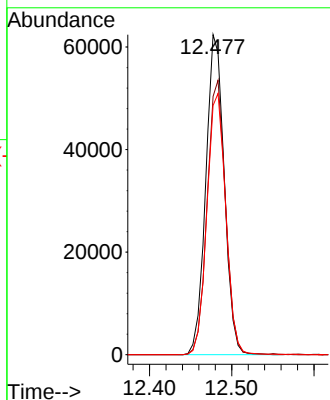
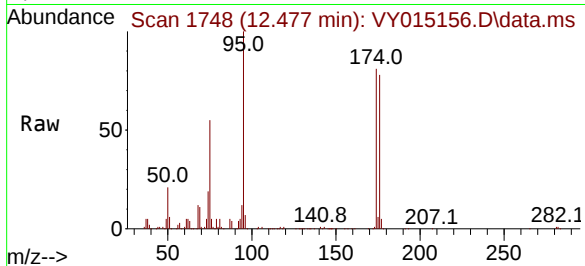




#62
4-Bromofluorobenzene
Concen: 52.033 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015156.D
Acq: 16 Aug 2023 17:40

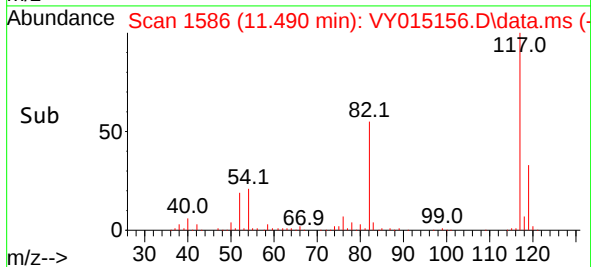
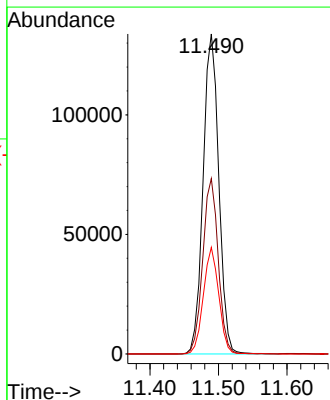
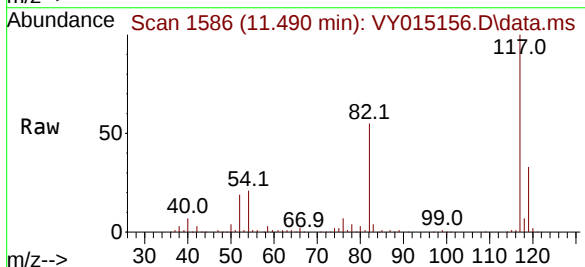
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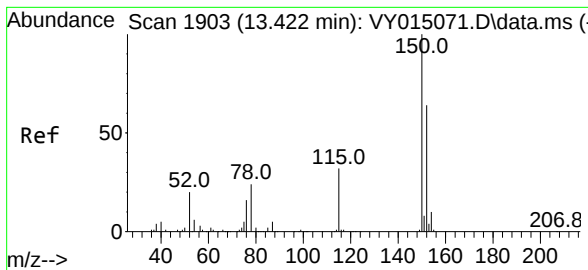
Tgt Ion: 95 Resp: 96931
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 83.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015156.D
Acq: 16 Aug 2023 17:40

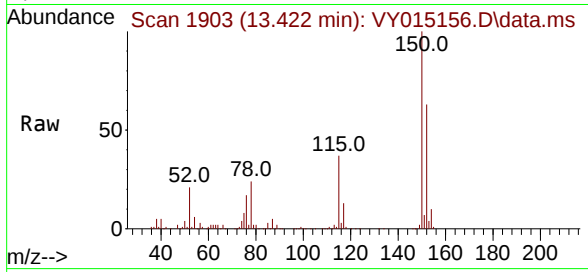
Tgt Ion: 117 Resp: 213412
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 33.3 26.3 39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015156.D
Acq: 16 Aug 2023 17:40

Instrument :
MSVOA_Y
ClientSampleId :
RB21200



Tgt Ion:	152	Resp:	109555
Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.8	86.5
150	155.8	0.0	348.8

