

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
 Data File : VY015158.D
 Acq On : 16 Aug 2023 18:27
 Operator : SY/MD
 Sample : 04023-01
 Misc : 5.52g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP11

Quant Time: Aug 17 05:32:45 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)

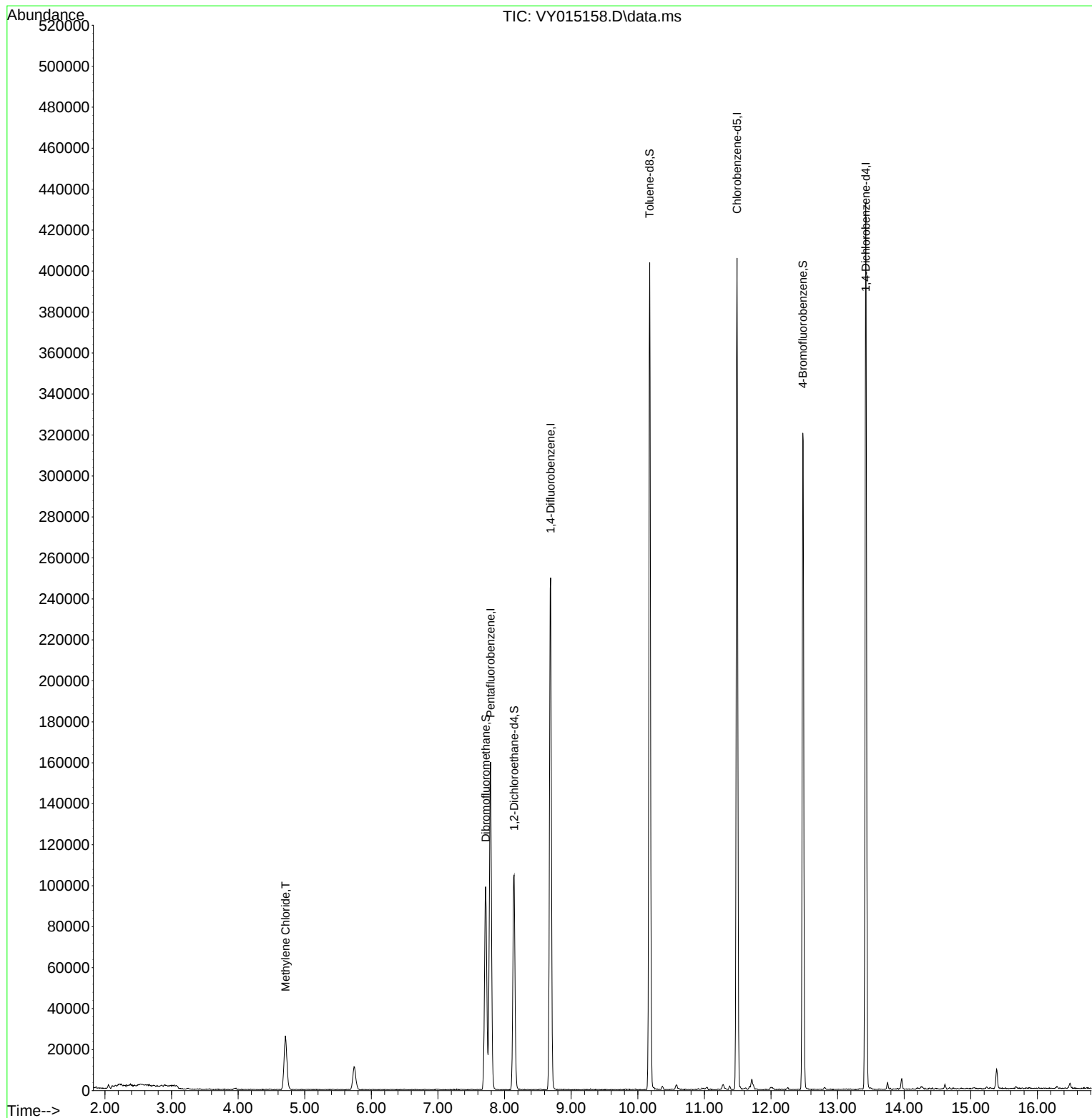
Internal Standards						
1) Pentafluorobenzene	7.789	168	122441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	216394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	217027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	83691	56.941	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.880%
35) Dibromofluoromethane	7.716	113	68792	49.415	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.820%
50) Toluene-d8	10.179	98	261506	50.461	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.920%
62) 4-Bromofluorobenzene	12.477	95	98681	52.134	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.260%
Target Compounds						
20) Methylene Chloride	4.710	84	19995	14.282	ug/l	90

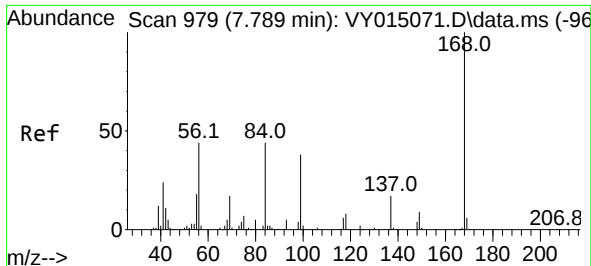
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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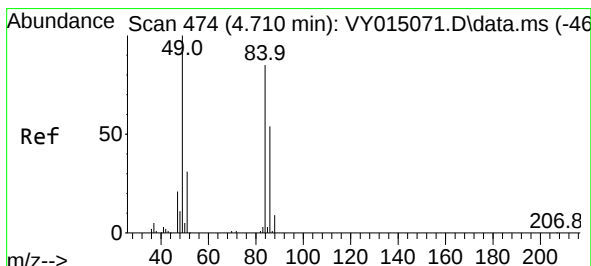
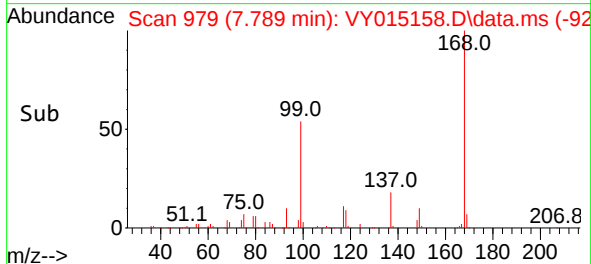
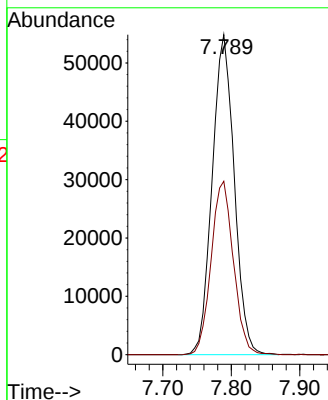
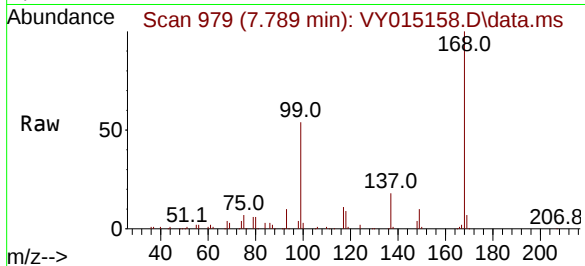




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015158.D
Acq: 16 Aug 2023 18:27

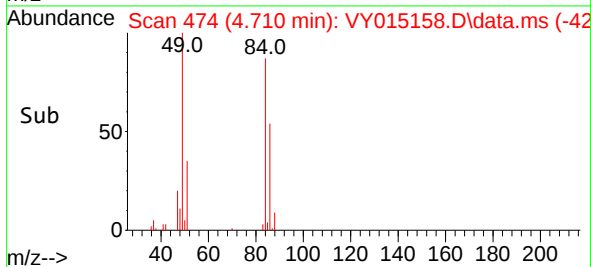
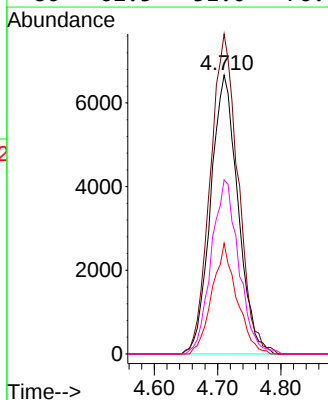
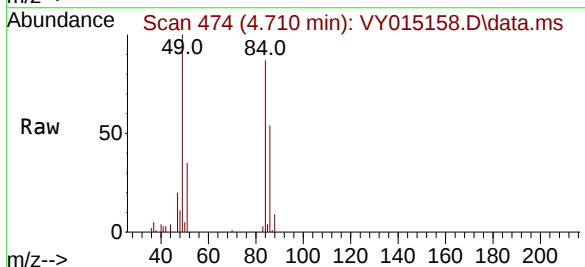
Instrument :
MSVOA_Y
ClientSampleId :
B-PP11

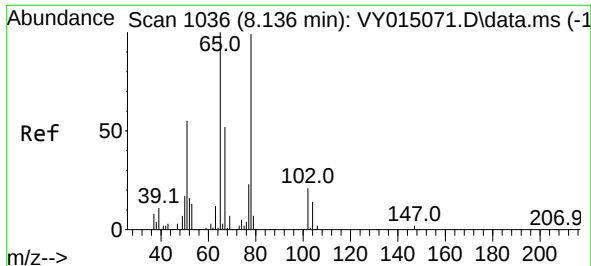
Tgt Ion:168 Resp: 122441
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#20
Methylene Chloride
Concen: 14.282 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015158.D
Acq: 16 Aug 2023 18:27

Tgt Ion: 84 Resp: 19995
Ion Ratio Lower Upper
84 100
49 114.7 106.9 160.3
51 39.7 33.2 49.8
86 62.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 56.941 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015158.D

Acq: 16 Aug 2023 18:27

Instrument :

MSVOA_Y

ClientSampleId :

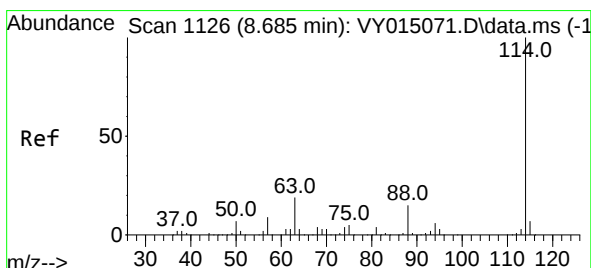
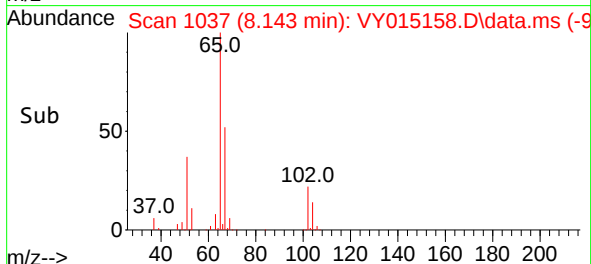
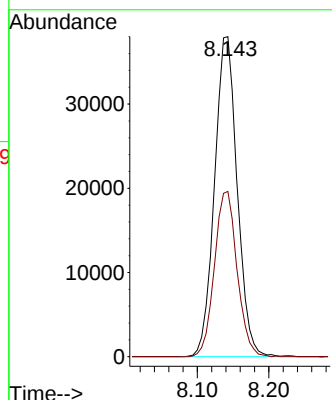
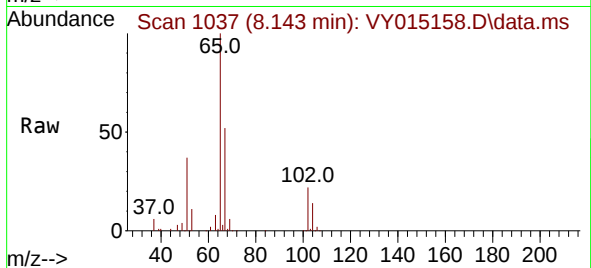
B-PP11

Tgt Ion: 65 Resp: 83691

Ion Ratio Lower Upper

65 100

67 51.6 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: VY015158.D

Acq: 16 Aug 2023 18:27

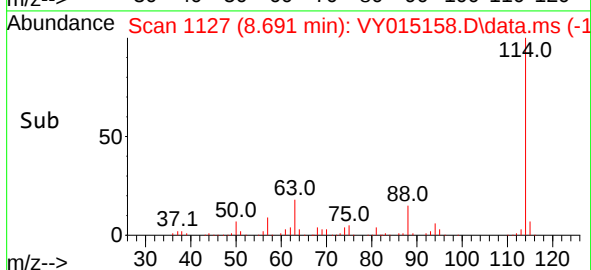
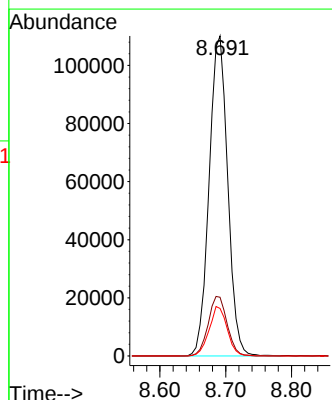
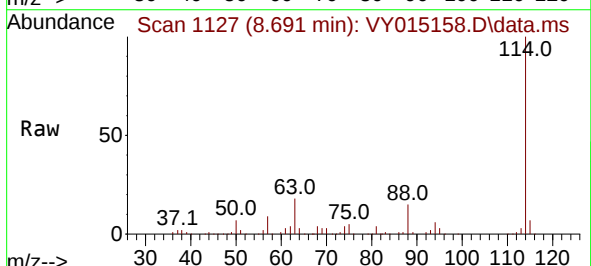
Tgt Ion: 114 Resp: 216394

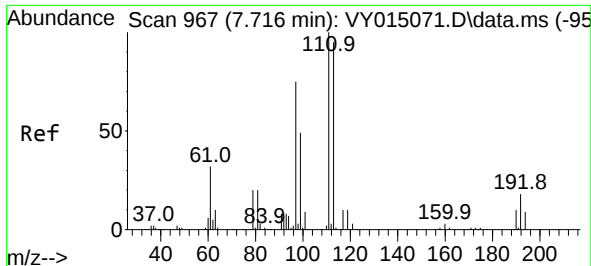
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 14.9 0.0 30.6

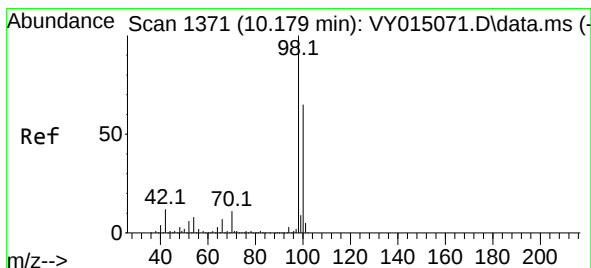
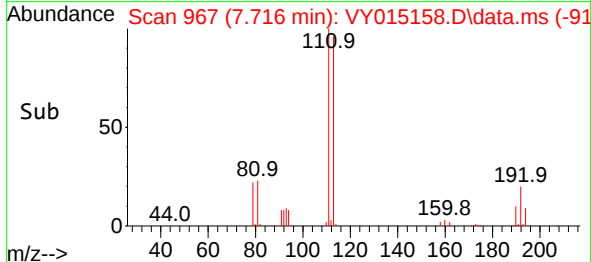
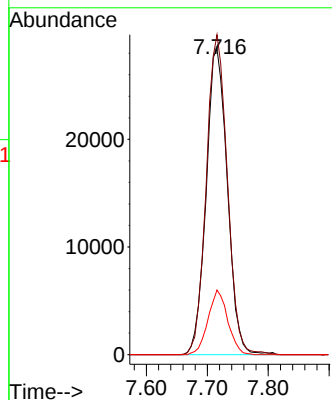
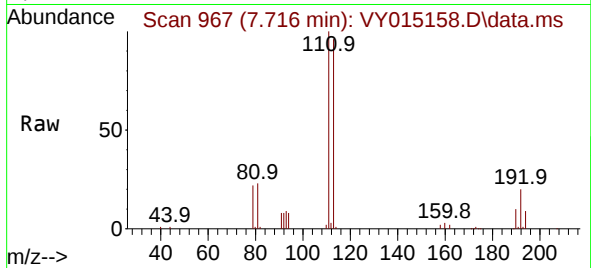




#35
Dibromofluoromethane
Concen: 49.415 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015158.D
Acq: 16 Aug 2023 18:27

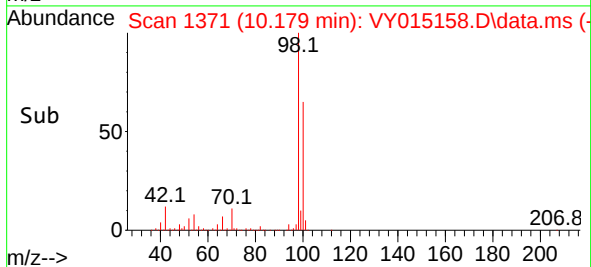
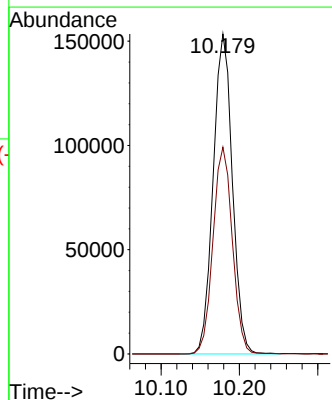
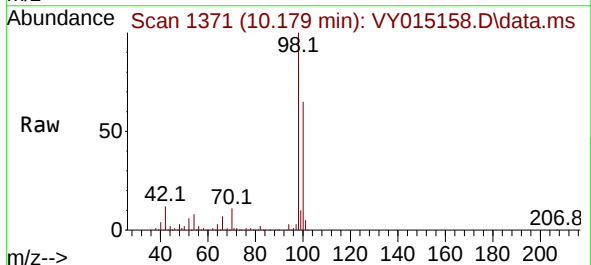
Instrument :
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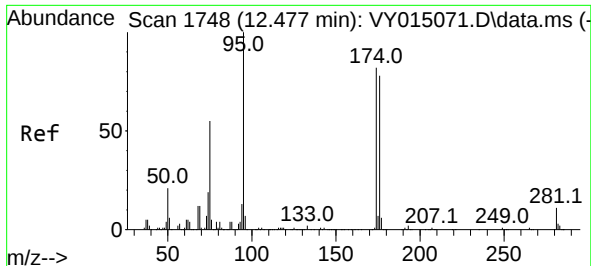
Tgt Ion:113 Resp: 68792
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 19.6 16.9 25.3



#50
Toluene-d8
Concen: 50.461 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015158.D
Acq: 16 Aug 2023 18:27

Tgt Ion: 98 Resp: 261506
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

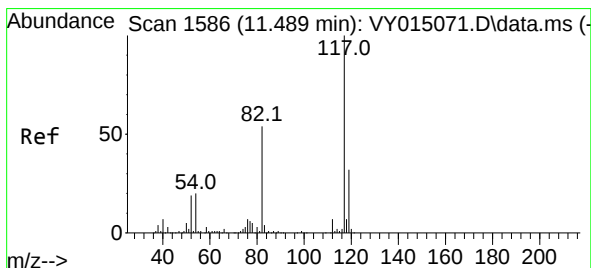
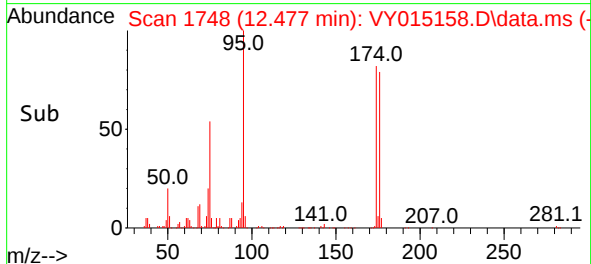
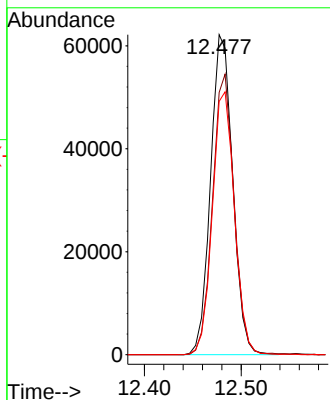
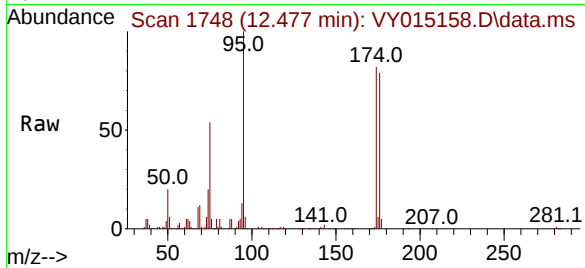




#62
4-Bromofluorobenzene
Concen: 52.134 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015158.D
Acq: 16 Aug 2023 18:27

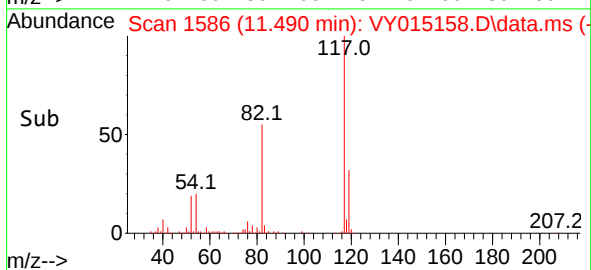
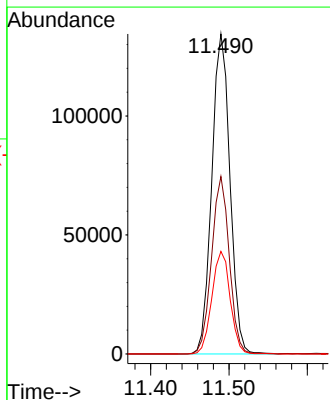
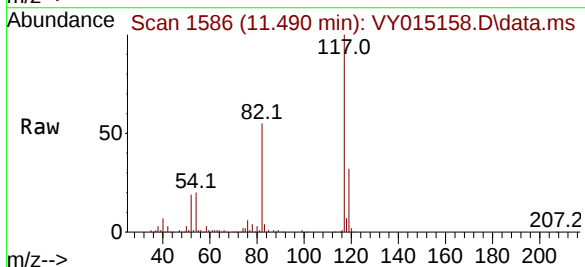
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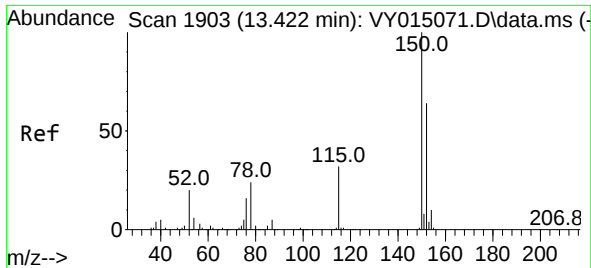
Tgt Ion: 95 Resp: 98681
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 82.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015158.D
Acq: 16 Aug 2023 18:27

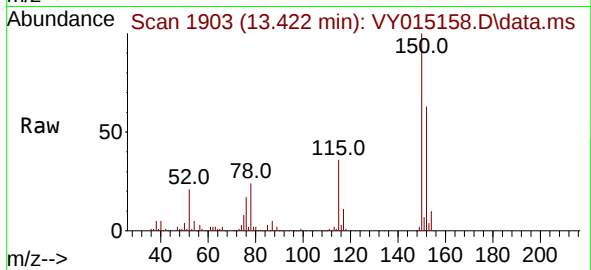
Tgt Ion: 117 Resp: 217027
Ion Ratio Lower Upper
117 100
82 55.5 43.4 65.0
119 32.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015158.D
 Acq: 16 Aug 2023 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP11



Tgt Ion:152 Resp: 110645
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.8 86.5
 150 156.0 0.0 348.8

