

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016212.D
 Acq On : 03 Nov 2023 14:00
 Operator : SY/MD
 Sample : 05229-01
 Misc : 3.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-1-110223

Quant Time: Nov 03 23:02:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

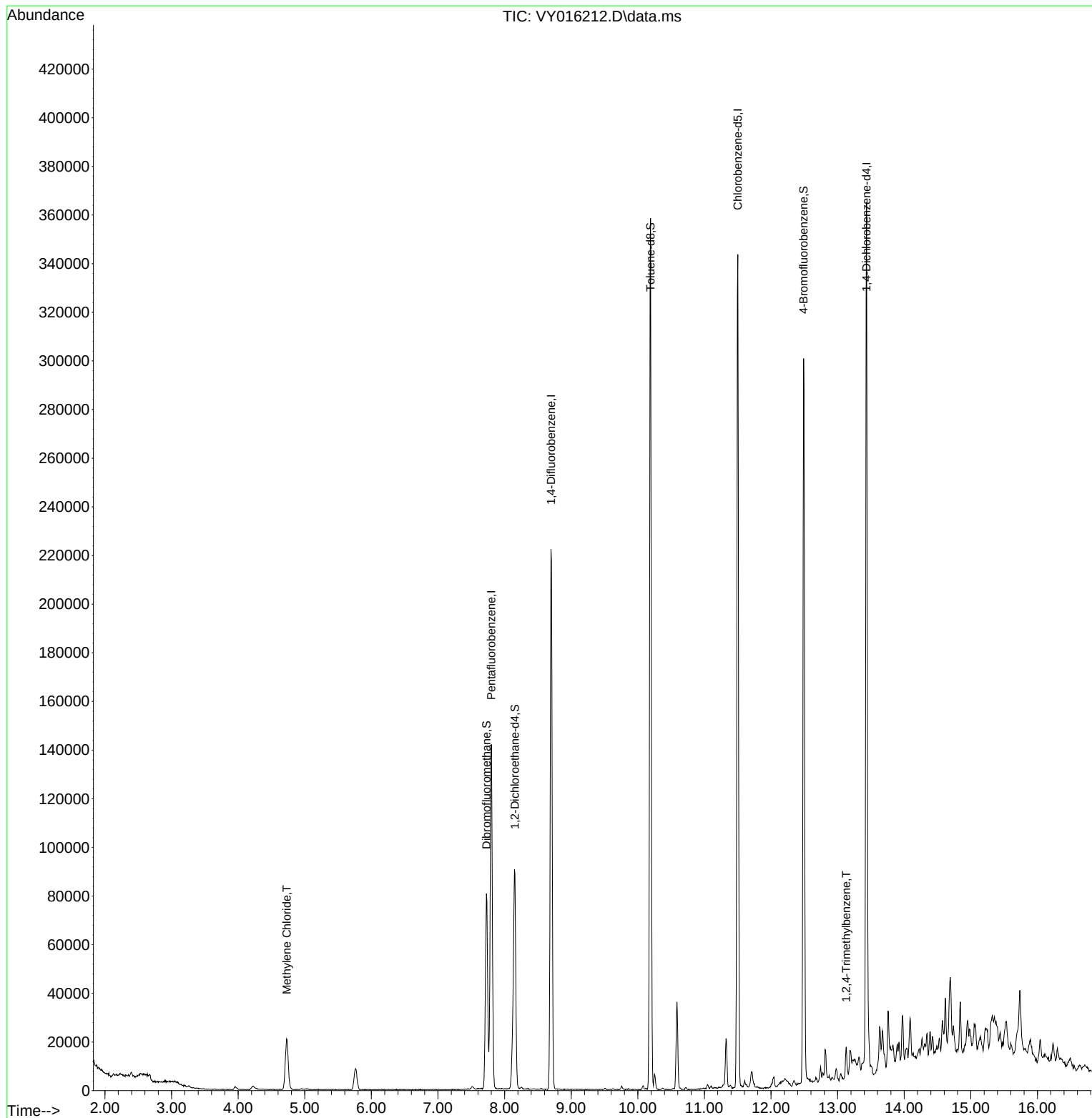
Internal Standards						
1) Pentafluorobenzene	7.801	168	113060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	198508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	190751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	90237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	65907	62.298	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.600%			
35) Dibromofluoromethane	7.728	113	56632	47.853	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.700%			
50) Toluene-d8	10.191	98	233414	49.746	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.500%			
62) 4-Bromofluorobenzene	12.489	95	83897	52.290	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.580%			
Target Compounds						
20) Methylene Chloride	4.728	84	16175	12.764	ug/l	92
84) 1,2,4-Trimethylbenzene	13.129	105	7202	1.327	ug/l	100

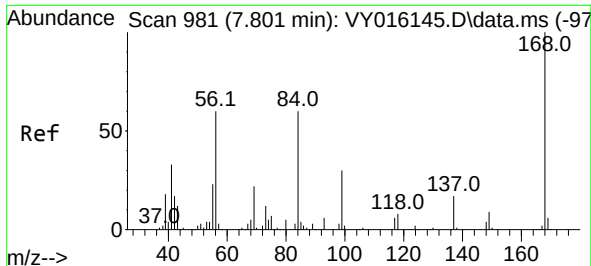
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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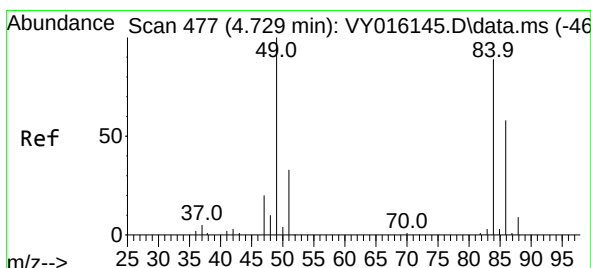
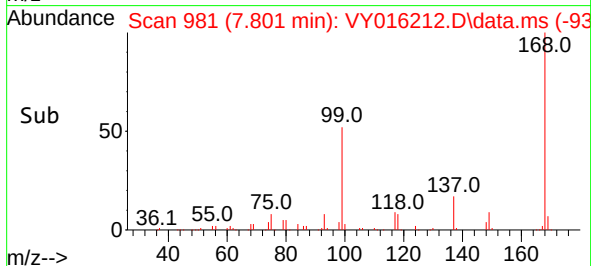
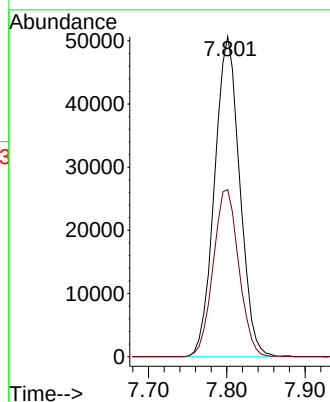
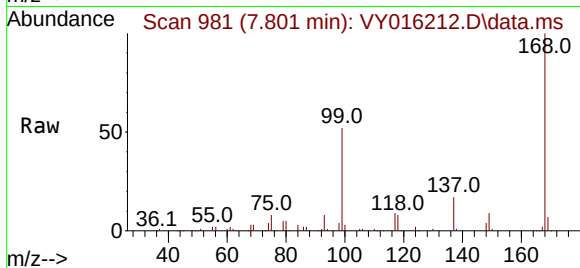




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016212.D
Acq: 03 Nov 2023 14:00

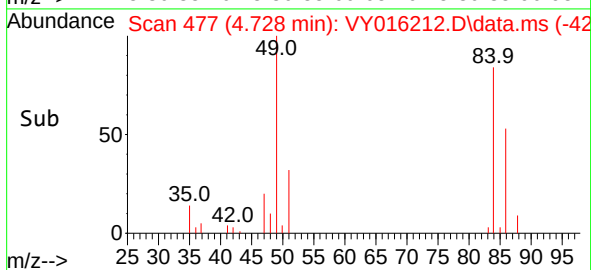
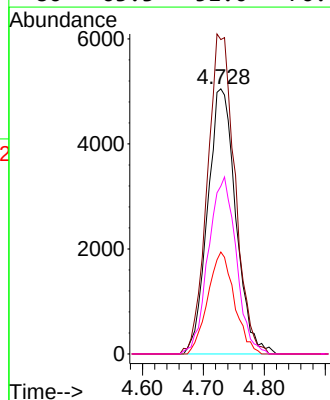
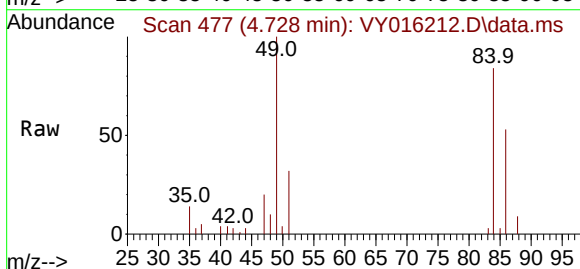
Instrument :
MSVOA_Y
ClientSampleId :
HR-1-110223

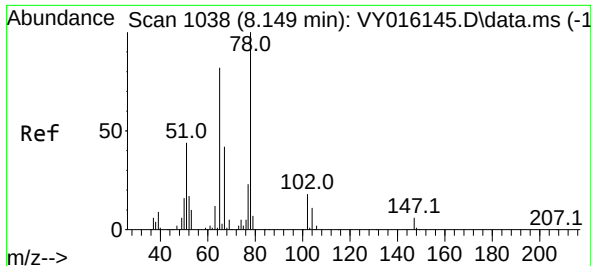
Tgt Ion:168 Resp: 113060
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#20
Methylene Chloride
Concen: 12.764 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY016212.D
Acq: 03 Nov 2023 14:00

Tgt Ion: 84 Resp: 16175
Ion Ratio Lower Upper
84 100
49 118.6 106.9 160.3
51 38.4 33.2 49.8
86 63.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 62.298 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY016212.D

Acq: 03 Nov 2023 14:00

Instrument :

MSVOA_Y

ClientSampleId :

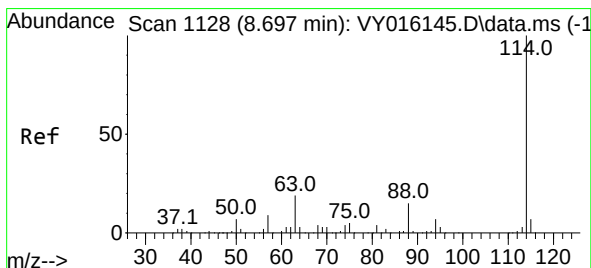
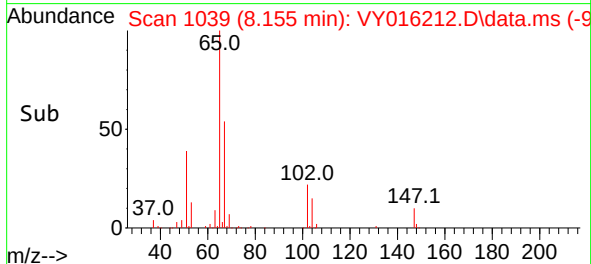
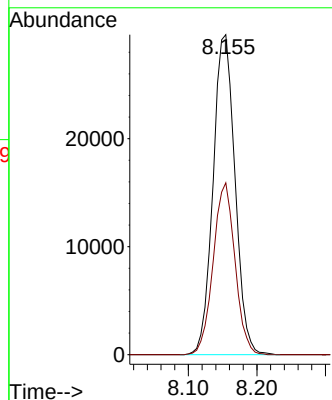
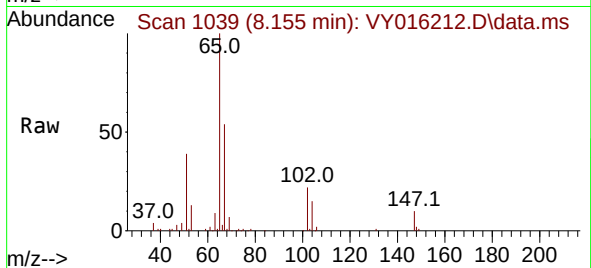
HR-1-110223

Tgt Ion: 65 Resp: 65907

Ion Ratio Lower Upper

65 100

67 53.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016212.D

Acq: 03 Nov 2023 14:00

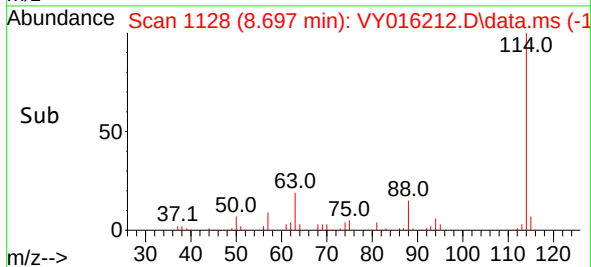
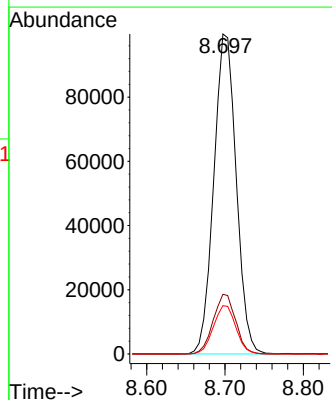
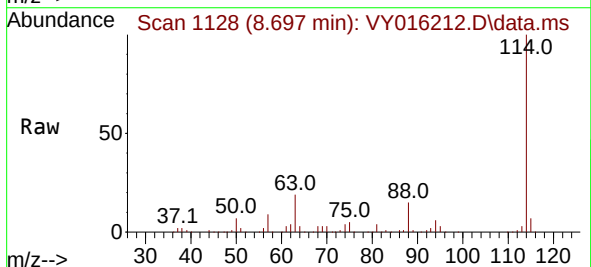
Tgt Ion: 114 Resp: 198508

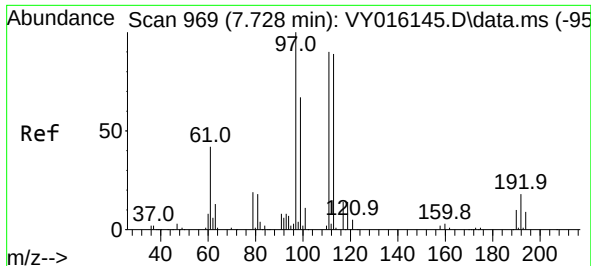
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 15.1 0.0 30.6

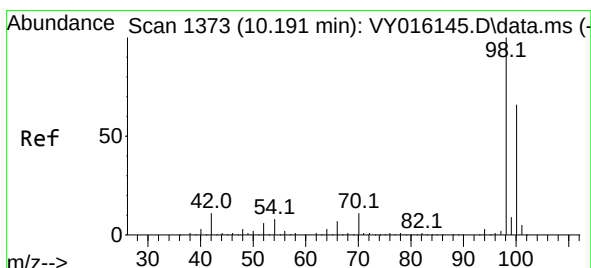
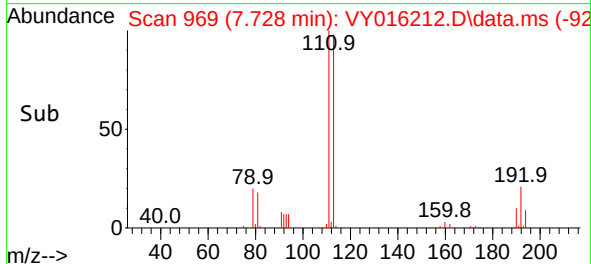
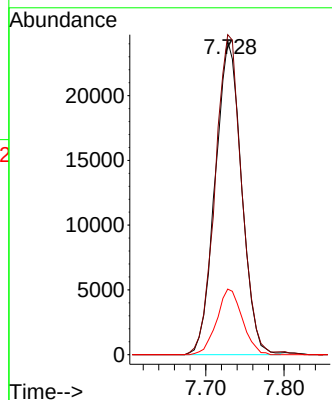
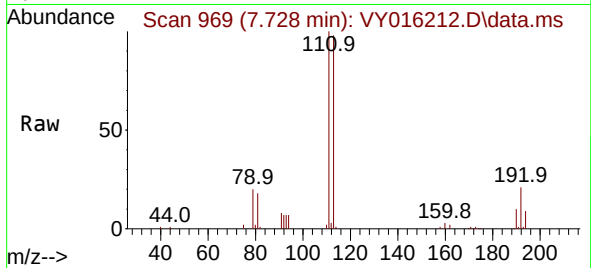




#35
Dibromofluoromethane
Concen: 47.853 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY016212.D
Acq: 03 Nov 2023 14:00

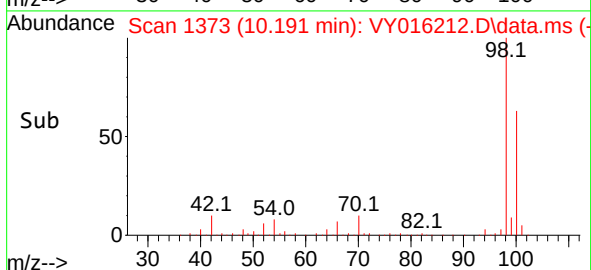
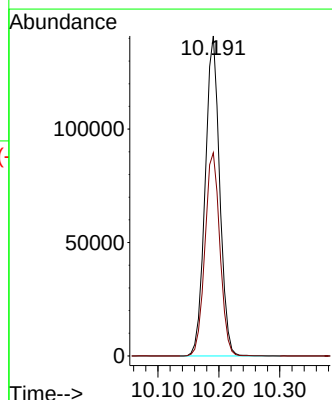
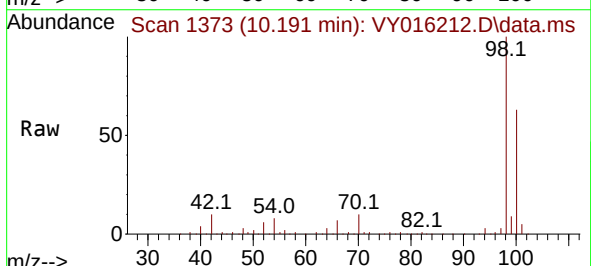
Instrument :
MSVOA_Y
ClientSampleId :
HR-1-110223

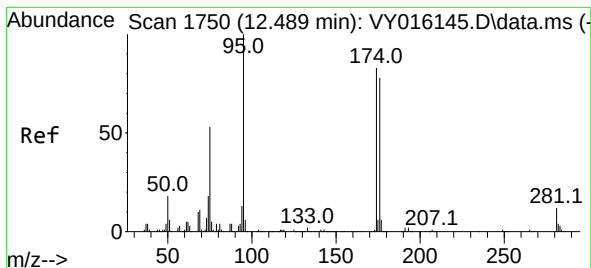
Tgt Ion:113 Resp: 56632
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 20.3 16.9 25.3



#50
Toluene-d8
Concen: 49.746 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016212.D
Acq: 03 Nov 2023 14:00

Tgt Ion: 98 Resp: 233414
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

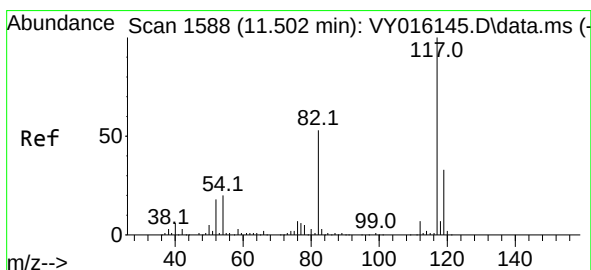
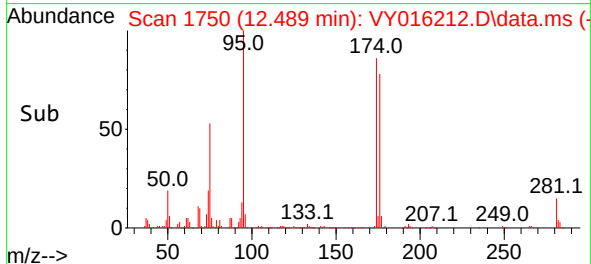
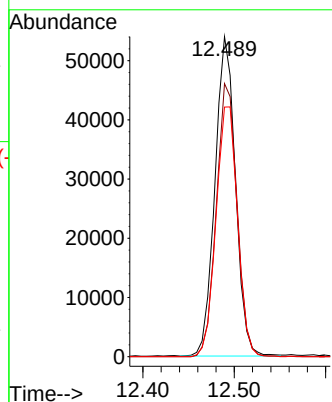
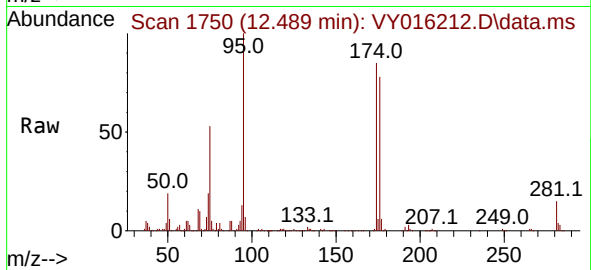




#62
4-Bromofluorobenzene
Concen: 52.290 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016212.D
Acq: 03 Nov 2023 14:00

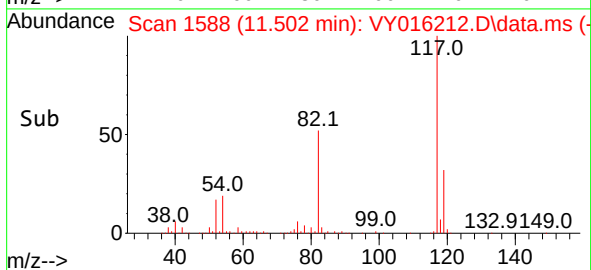
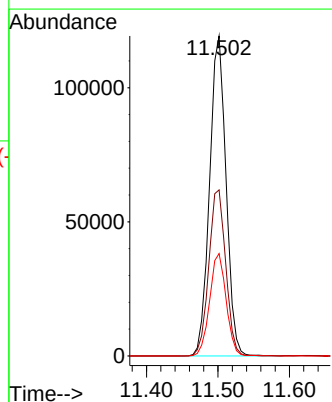
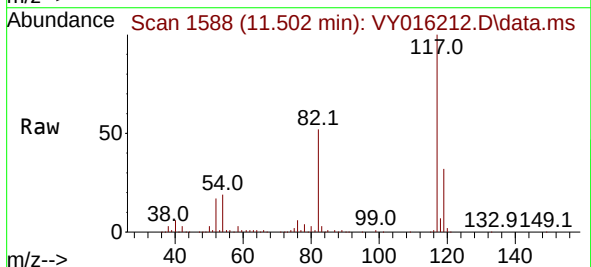
Instrument :
MSVOA_Y
ClientSampleId :
HR-1-110223

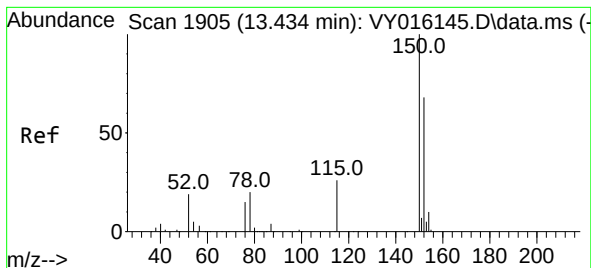
Tgt Ion: 95 Resp: 83897
Ion Ratio Lower Upper
95 100
174 86.9 0.0 178.2
176 82.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016212.D
Acq: 03 Nov 2023 14:00

Tgt Ion: 117 Resp: 190751
Ion Ratio Lower Upper
117 100
82 51.9 43.4 65.0
119 32.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016212.D

Acq: 03 Nov 2023 14:00

Instrument :

MSVOA_Y

ClientSampleId :

HR-1-110223

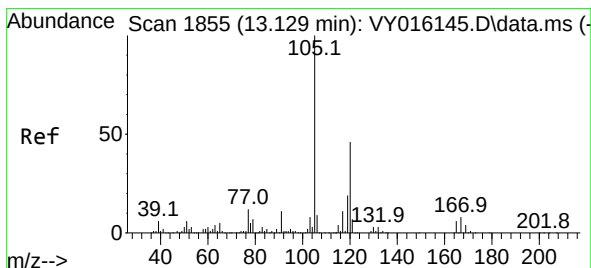
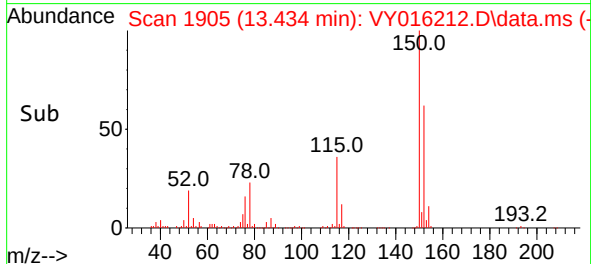
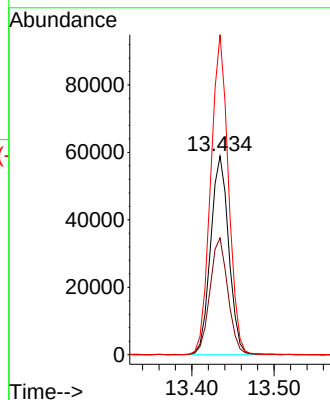
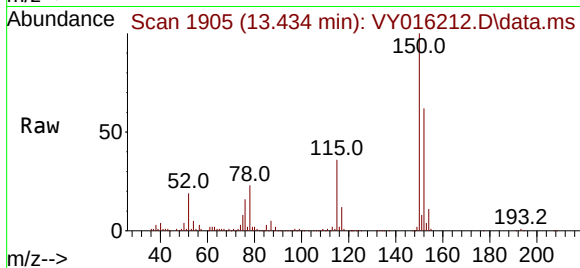
Tgt Ion:152 Resp: 90237

Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 157.3 0.0 348.8



#84

1,2,4-Trimethylbenzene

Concen: 1.327 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016212.D

Acq: 03 Nov 2023 14:00

Tgt Ion:105 Resp: 7202

Ion Ratio Lower Upper

105 100

120 44.7 22.2 66.6

