

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
 Data File : VY011026.D
 Acq On : 20 Oct 2022 15:35
 Operator : KP/MD
 Sample : N5193-04
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LSP-SS-02-03-05

Quant Time: Oct 20 22:24:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

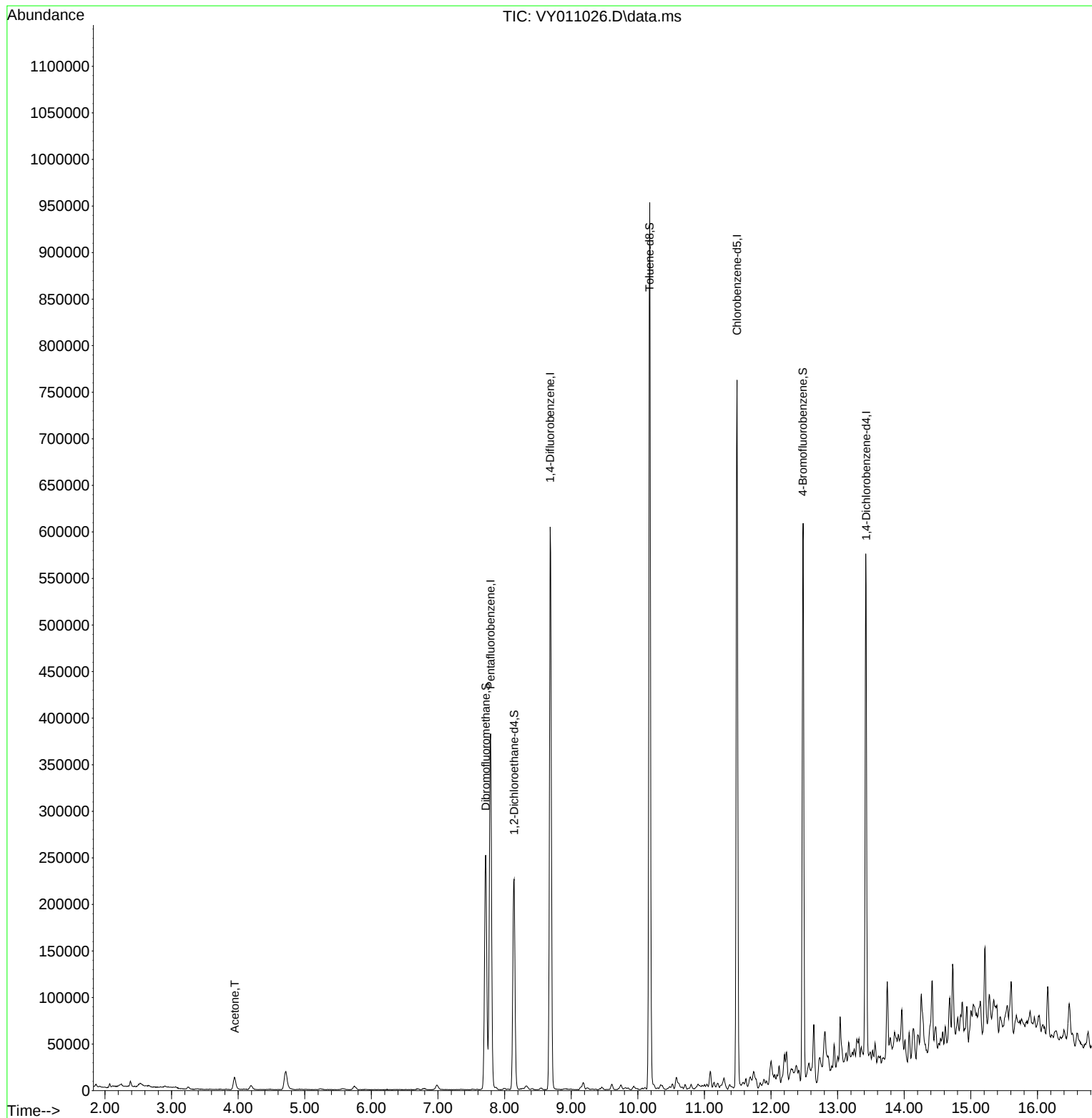
Internal Standards						
1) Pentafluorobenzene	7.789	168	309362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	529124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	420861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	180031	63.176	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.360%	
35) Dibromofluoromethane	7.716	113	181363	62.007	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.020%	
50) Toluene-d8	10.179	98	622051	56.304	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.600%	
62) 4-Bromofluorobenzene	12.477	95	183185	46.599	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.200%	
Target Compounds						
16) Acetone	3.948	43	22570	27.274	ug/l	Qvalue # 86

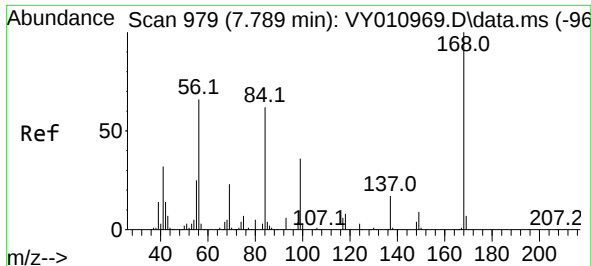
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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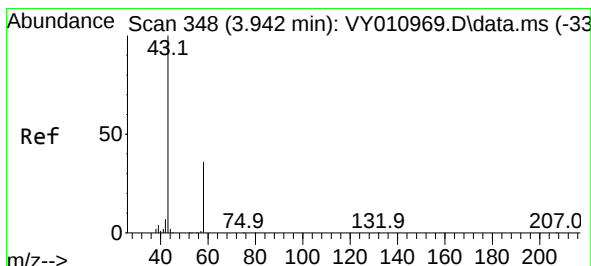
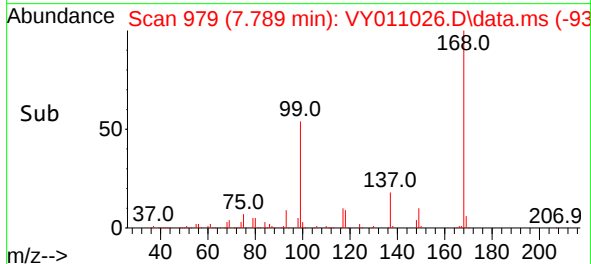
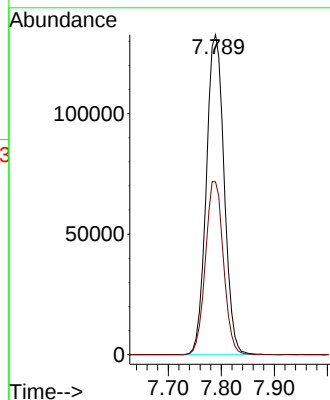
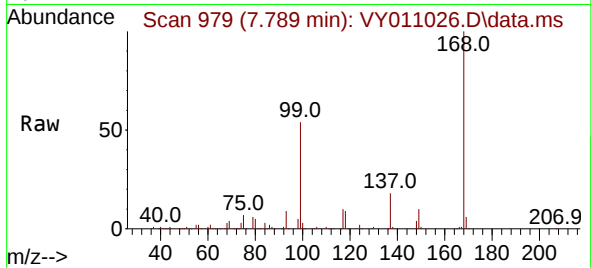




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011026.D
Acq: 20 Oct 2022 15:35

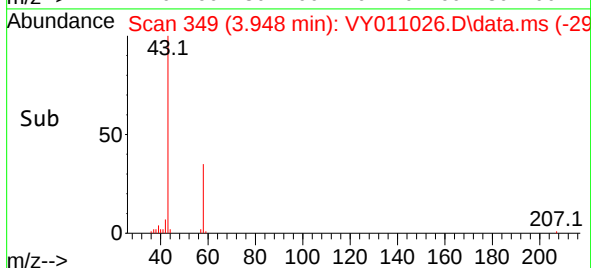
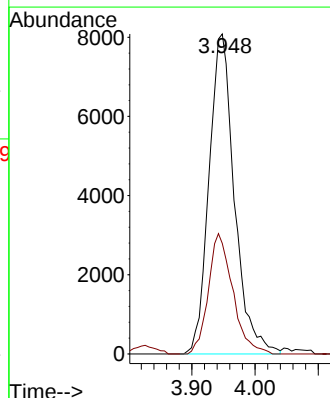
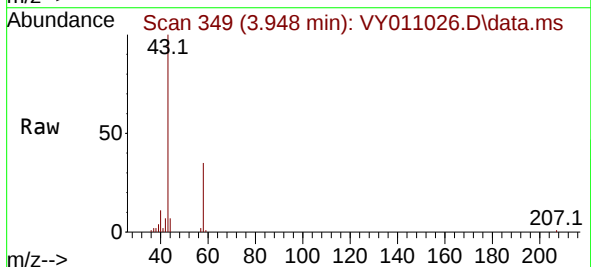
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-02-03-05

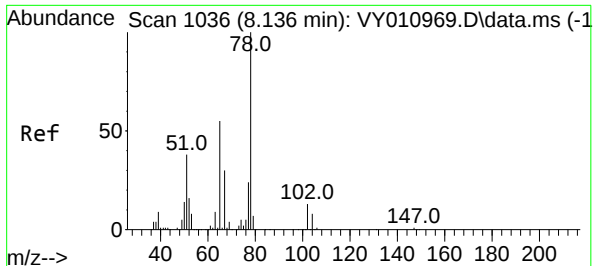
Tgt Ion:168 Resp: 309362
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#16
Acetone
Concen: 27.274 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011026.D
Acq: 20 Oct 2022 15:35

Tgt Ion: 43 Resp: 22570
Ion Ratio Lower Upper
43 100
58 34.6 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 63.176 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.007 min

Lab File: VY011026.D

Acq: 20 Oct 2022 15:35

Instrument :

MSVOA_Y

ClientSampleId :

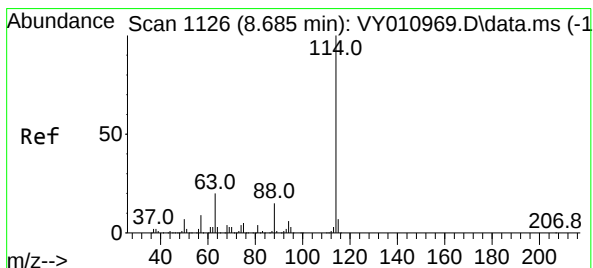
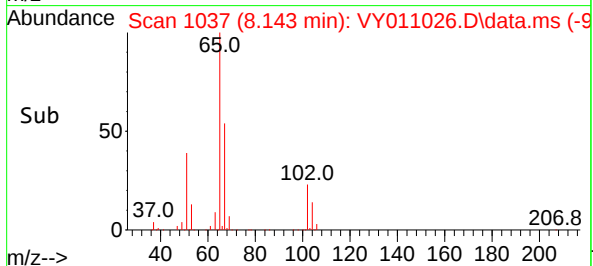
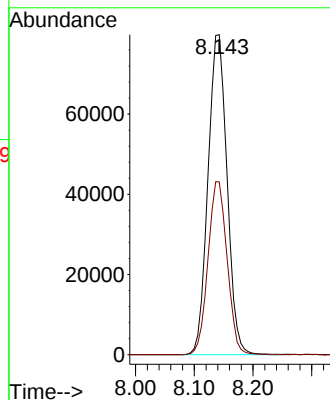
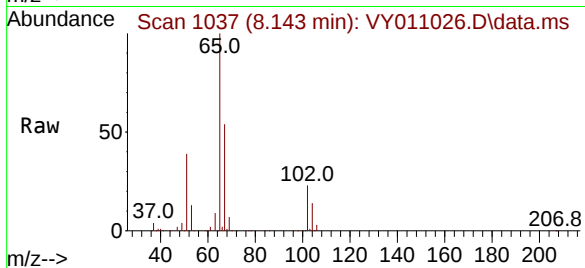
LSP-SS-02-03-05

Tgt Ion: 65 Resp: 180031

Ion Ratio Lower Upper

65 100

67 54.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011026.D

Acq: 20 Oct 2022 15:35

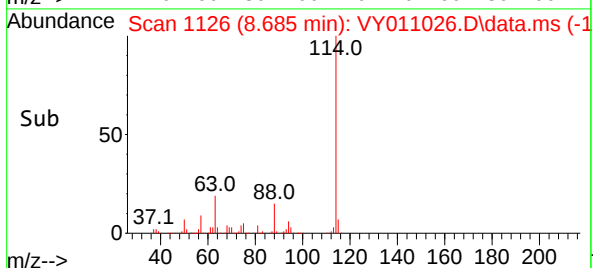
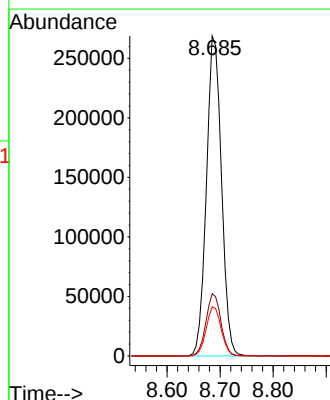
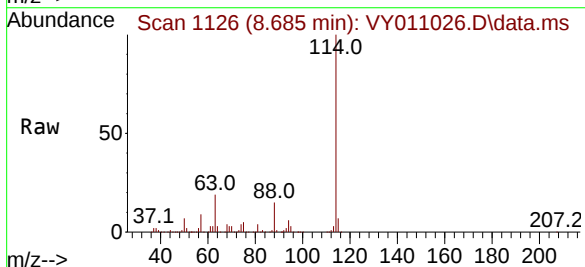
Tgt Ion: 114 Resp: 529124

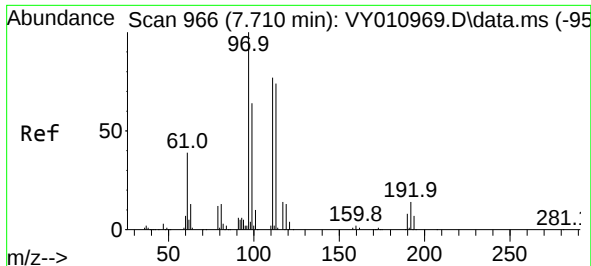
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 15.3 0.0 31.8

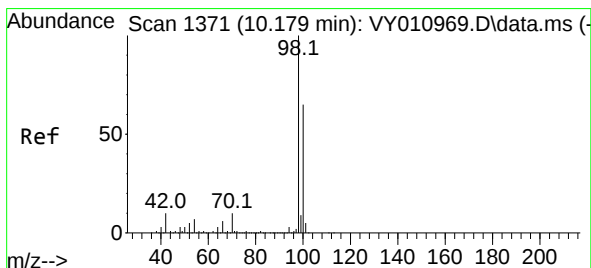
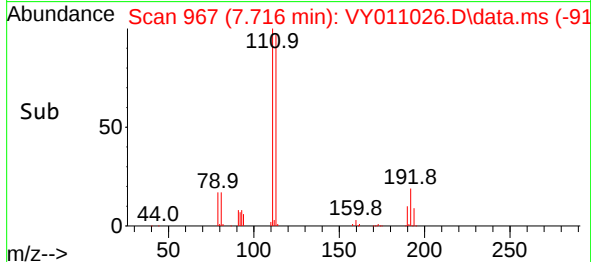
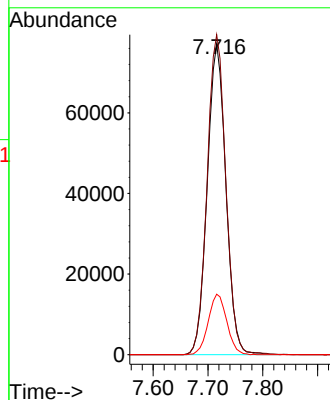
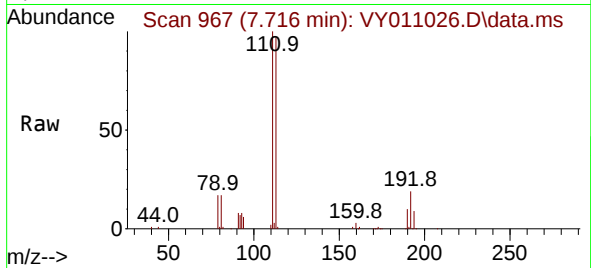




#35
Dibromofluoromethane
Concen: 62.007 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011026.D
Acq: 20 Oct 2022 15:35

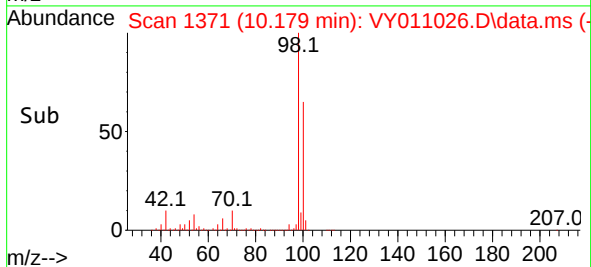
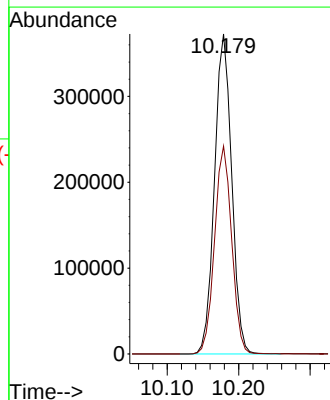
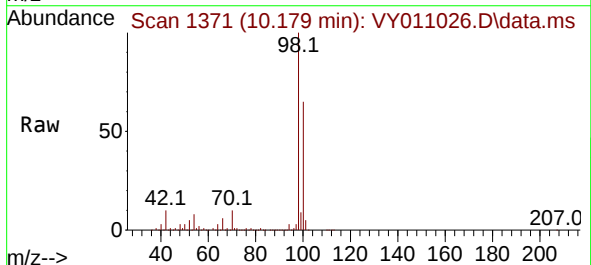
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-02-03-05

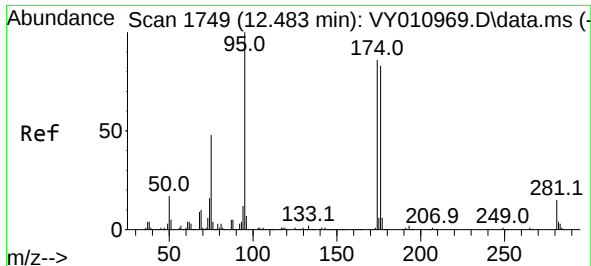
Tgt Ion:113 Resp: 181363
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 19.4 17.6 26.4



#50
Toluene-d8
Concen: 56.304 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011026.D
Acq: 20 Oct 2022 15:35

Tgt Ion: 98 Resp: 622051
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

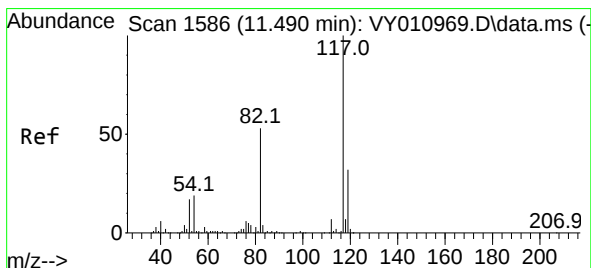
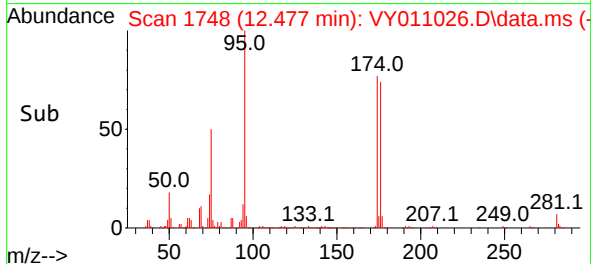
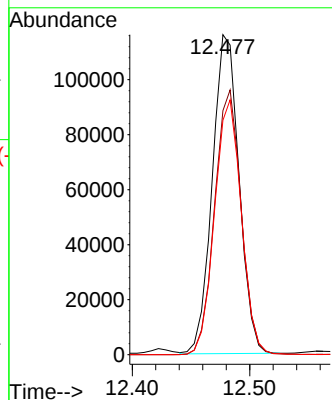
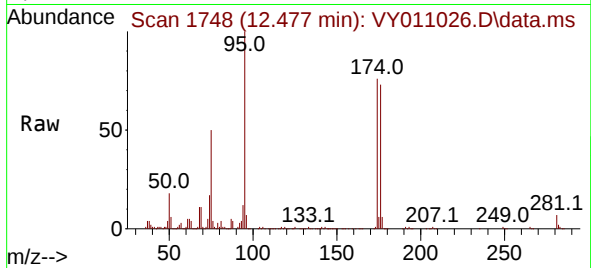




#62
4-Bromofluorobenzene
Concen: 46.599 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011026.D
Acq: 20 Oct 2022 15:35

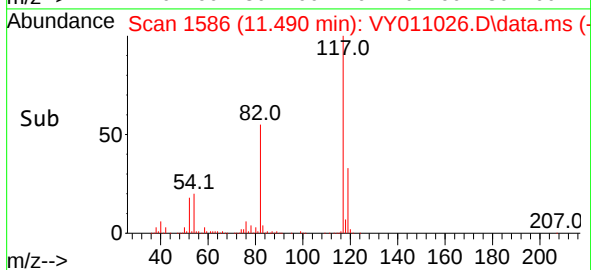
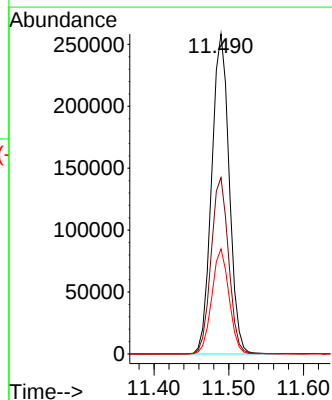
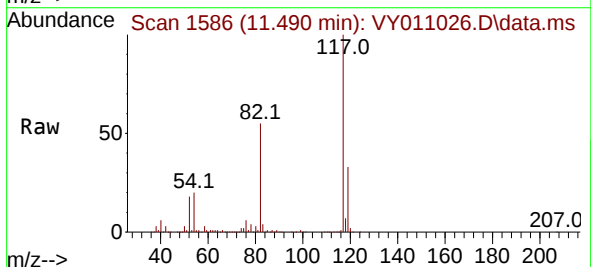
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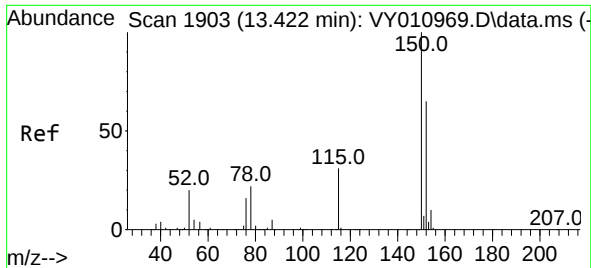
Tgt Ion: 95 Resp: 183185
Ion Ratio Lower Upper
95 100
174 82.7 0.0 177.0
176 80.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011026.D
Acq: 20 Oct 2022 15:35

Tgt Ion: 117 Resp: 420861
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.4
119 32.9 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY011026.D

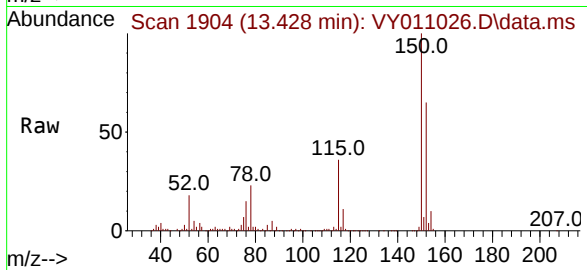
Acq: 20 Oct 2022 15:35

Instrument :

MSVOA_Y

ClientSampleId :

LSP-SS-02-03-05



Tgt Ion:152 Resp: 146164

Ion Ratio Lower Upper

152 100

115 57.9 28.2 84.7

150 157.5 0.0 347.6

