

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
 Data File : VY011022.D
 Acq On : 20 Oct 2022 14:05
 Operator : KP/MD
 Sample : N5193-02
 Misc : 6.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LSP-DS-01-09-11

Quant Time: Oct 20 22:23:07 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)

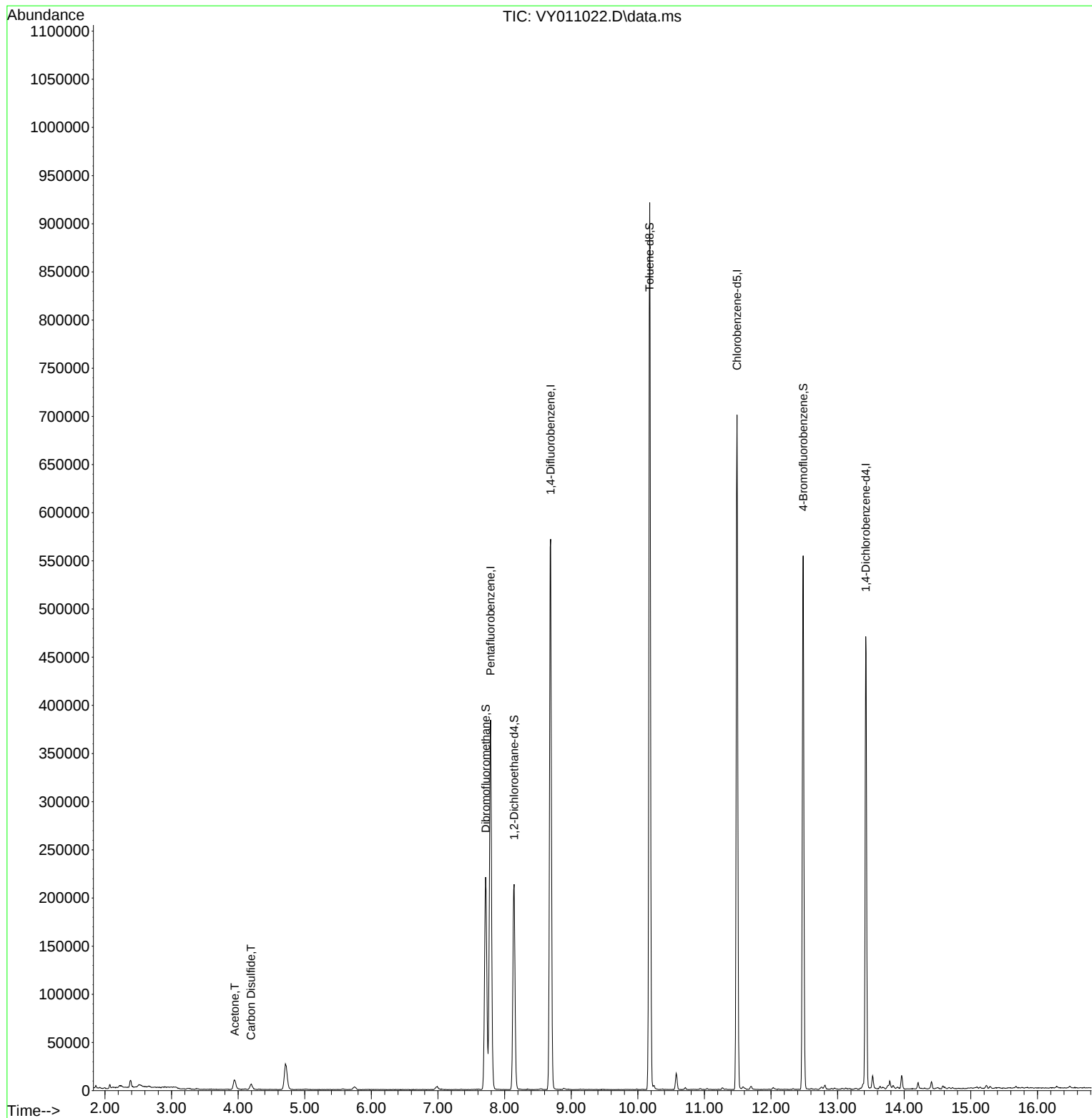
Internal Standards						
1) Pentafluorobenzene	7.789	168	301014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	499578	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	390193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	165149	59.561	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.120%	
35) Dibromofluoromethane	7.716	113	160676	58.045	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.080%	
50) Toluene-d8	10.179	98	602749	57.783	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.560%	
62) 4-Bromofluorobenzene	12.483	95	165214	44.366	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.740%	
Target Compounds						Qvalue
16) Acetone	3.948	43	17898	22.228	ug/l	90
17) Carbon Disulfide	4.192	76	10211	1.220	ug/l	100

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

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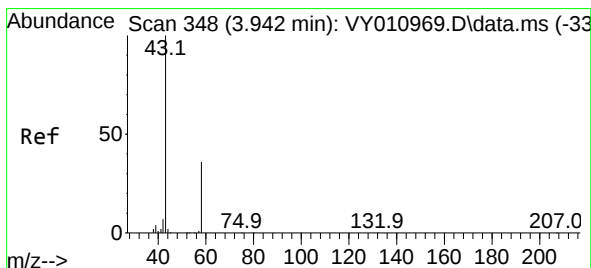
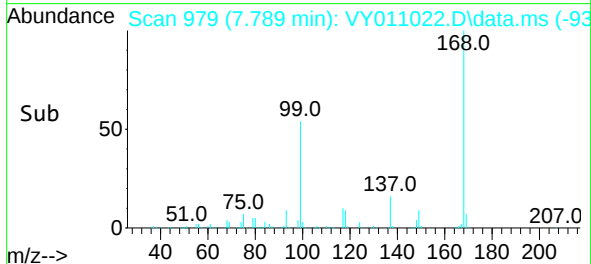
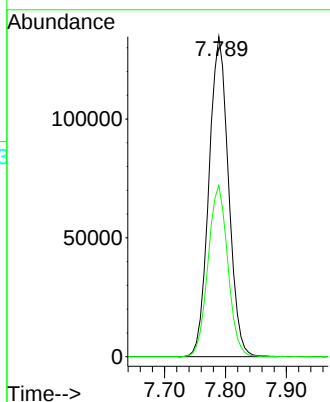
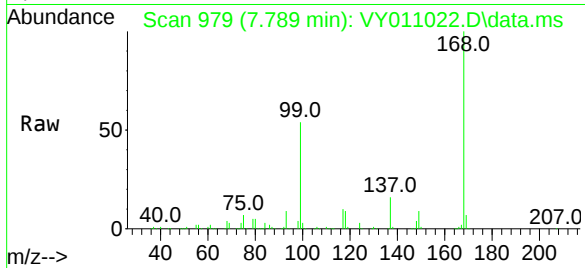




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011022.D
Acq: 20 Oct 2022 14:05

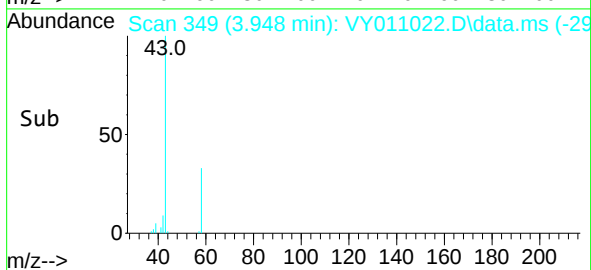
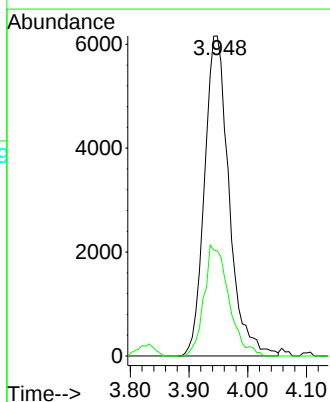
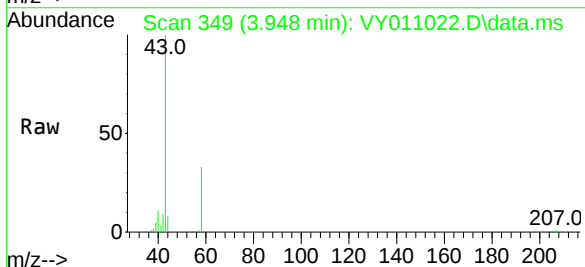
Instrument :
MSVOA_Y
ClientSampleId :
LSP-DS-01-09-11

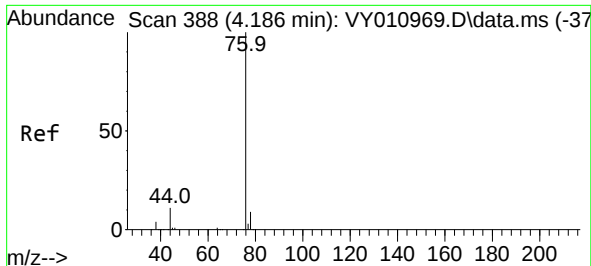
Tgt Ion:168 Resp: 301014
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#16
Acetone
Concen: 22.228 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011022.D
Acq: 20 Oct 2022 14:05

Tgt Ion: 43 Resp: 17898
Ion Ratio Lower Upper
43 100
58 32.8 22.0 33.0

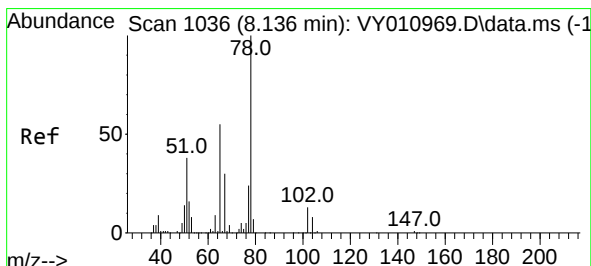
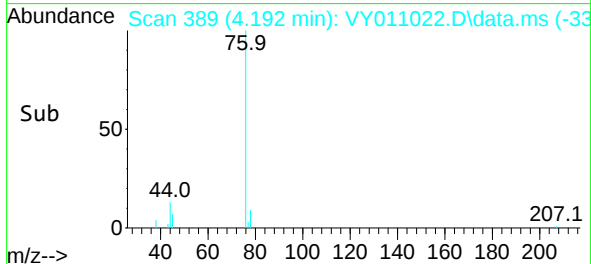
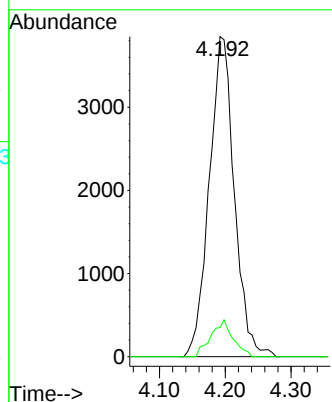
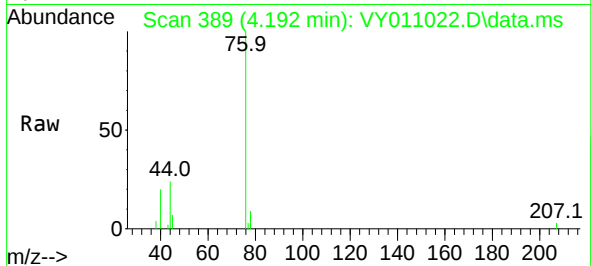




#17
Carbon Disulfide
Concen: 1.220 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY011022.D
Acq: 20 Oct 2022 14:05

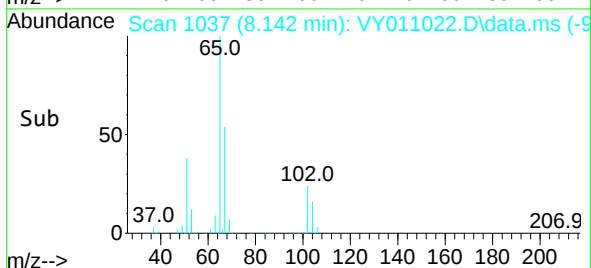
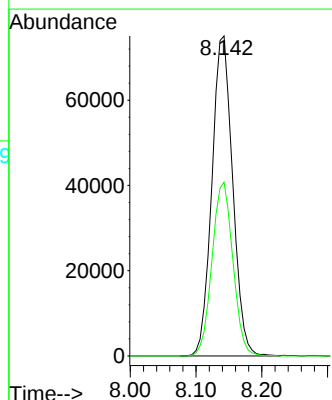
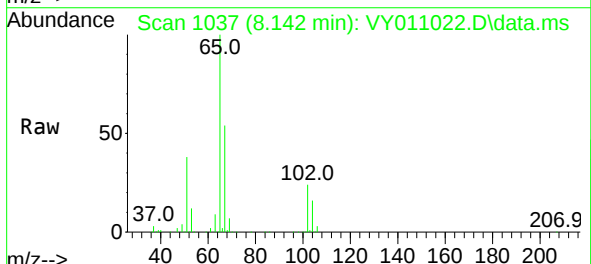
Instrument :
MSVOA_Y
ClientSampleId :
LSP-DS-01-09-11

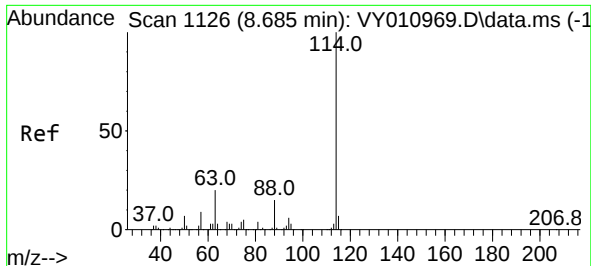
Tgt Ion: 76 Resp: 10211
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 59.561 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY011022.D
Acq: 20 Oct 2022 14:05

Tgt Ion: 65 Resp: 165149
Ion Ratio Lower Upper
65 100
67 54.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011022.D

Acq: 20 Oct 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

LSP-DS-01-09-11

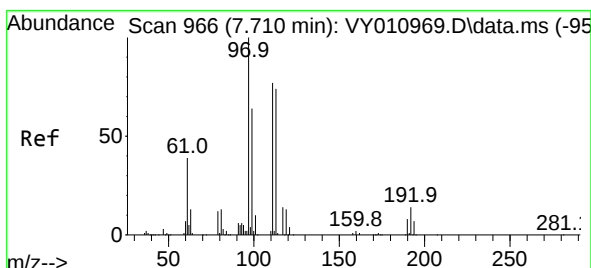
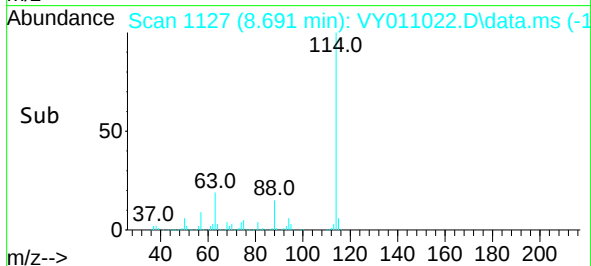
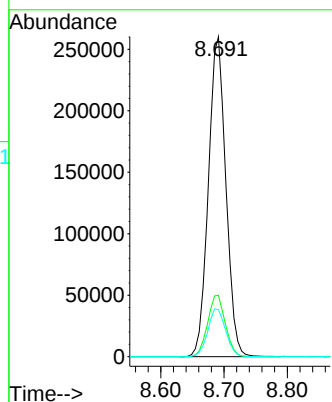
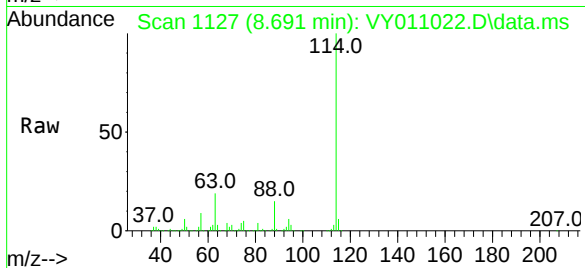
Tgt Ion:114 Resp: 499578

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.045 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011022.D

Acq: 20 Oct 2022 14:05

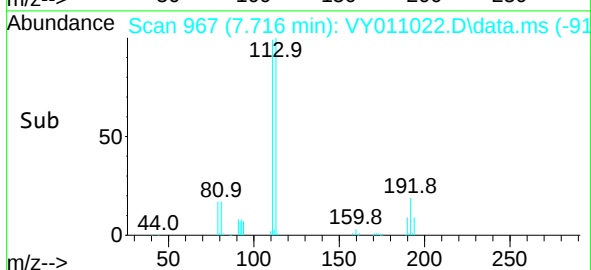
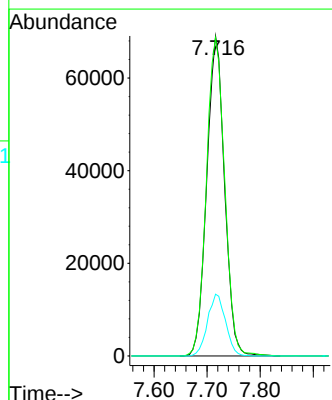
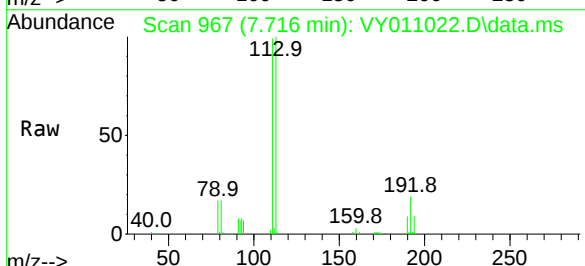
Tgt Ion:113 Resp: 160676

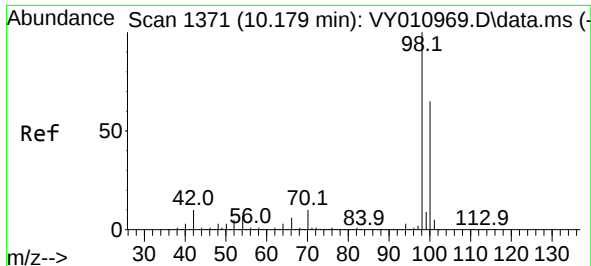
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 19.5 17.6 26.4

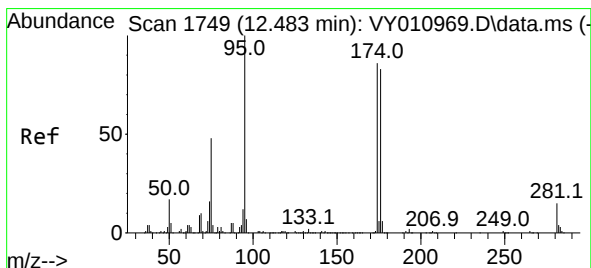
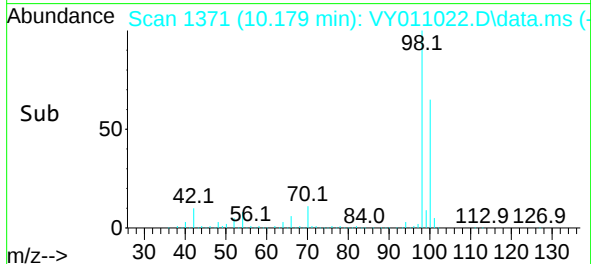
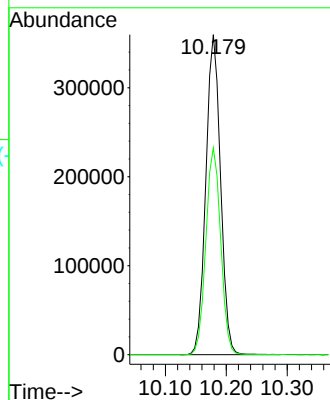
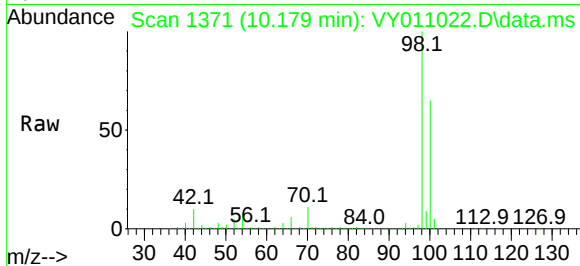




#50
Toluene-d8
Concen: 57.783 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011022.D
Acq: 20 Oct 2022 14:05

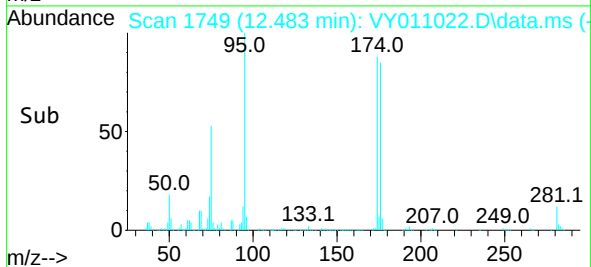
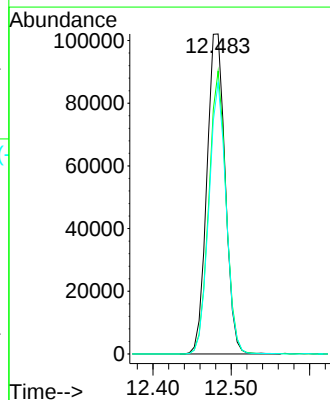
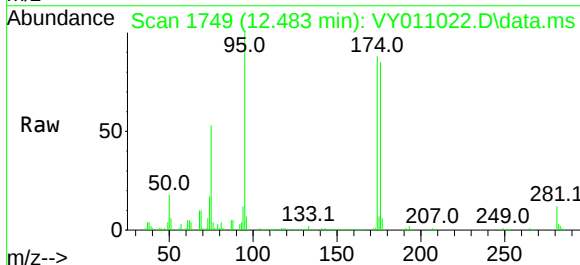
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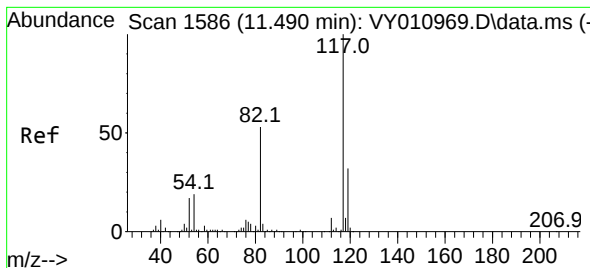
Tgt Ion: 98 Resp: 602749
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.366 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011022.D
Acq: 20 Oct 2022 14:05

Tgt Ion: 95 Resp: 165214
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 80.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011022.D

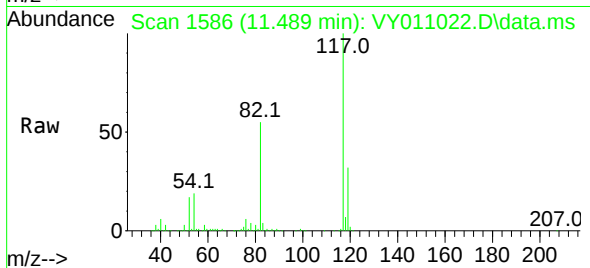
Acq: 20 Oct 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

LSP-DS-01-09-11



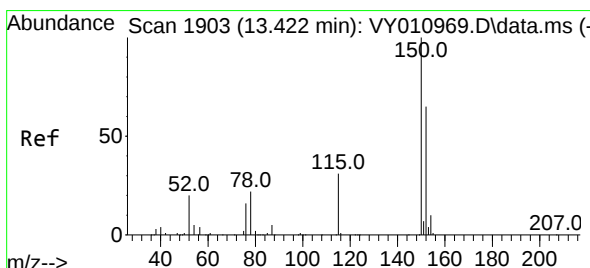
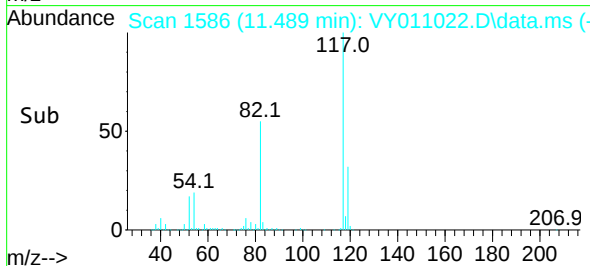
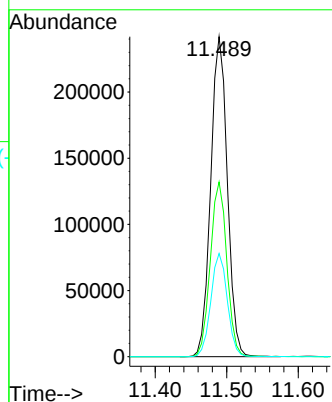
Tgt Ion:117 Resp: 390193

Ion Ratio Lower Upper

117 100

82 54.6 43.0 64.4

119 32.3 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY011022.D

Acq: 20 Oct 2022 14:05

Tgt Ion:152 Resp: 124726

Ion Ratio Lower Upper

152 100

115 58.3 28.2 84.7

150 155.1 0.0 347.6

