

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
 Data File : VY011950.D
 Acq On : 21 Dec 2022 16:34
 Operator : KP/MD
 Sample : N6092-04
 Misc : 3.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20221267-LOCATION-15

Quant Time: Dec 22 00:14:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

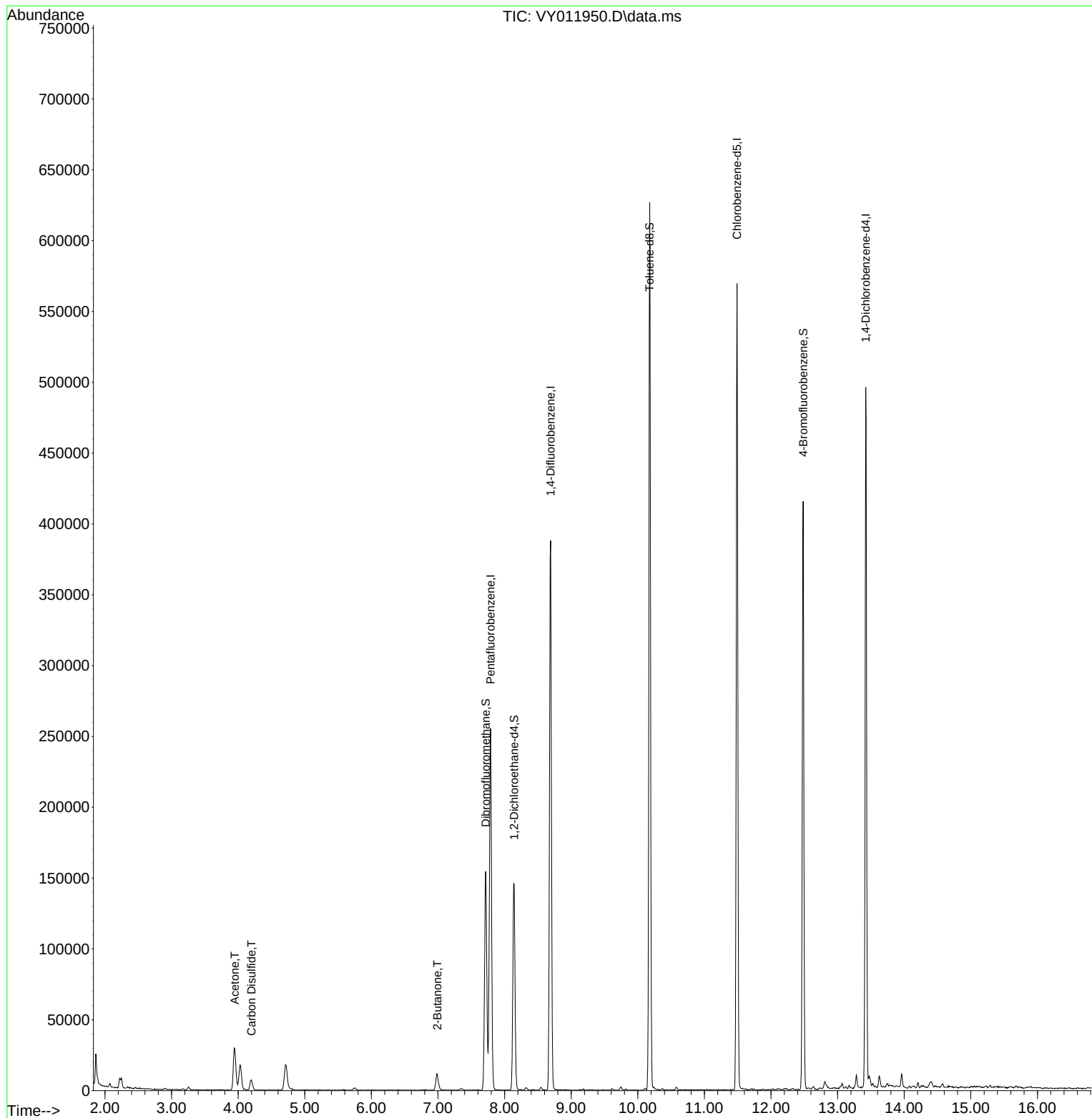
Internal Standards						
1) Pentafluorobenzene	7.789	168	196606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	340302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	313714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	119903	60.534	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 121.060%		
35) Dibromofluoromethane	7.716	113	106322	51.897	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 103.800%		
50) Toluene-d8	10.179	98	414004	49.807	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 99.620%		
62) 4-Bromofluorobenzene	12.483	95	126144	45.123	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 90.240%		
Target Compounds						Qvalue
16) Acetone	3.948	43	52703	92.257	ug/l	94
17) Carbon Disulfide	4.198	76	14334	2.416	ug/l	97
25) 2-Butanone	6.990	43	18139	27.491	ug/l	98

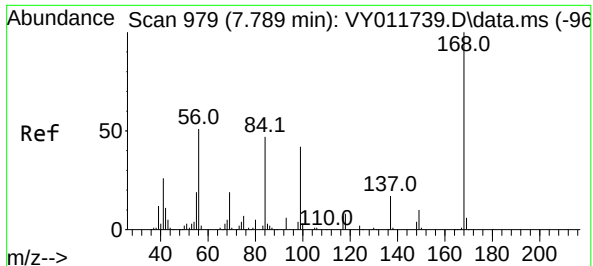
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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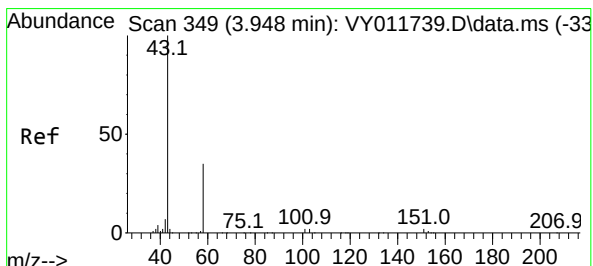
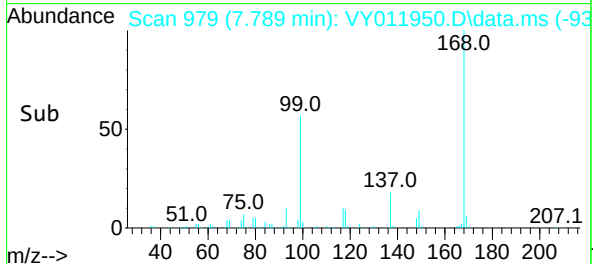
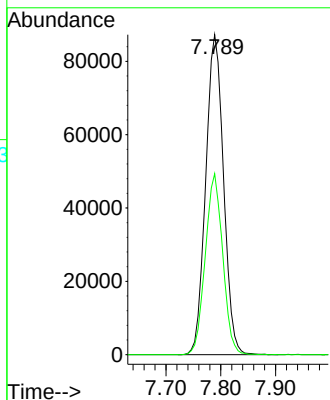
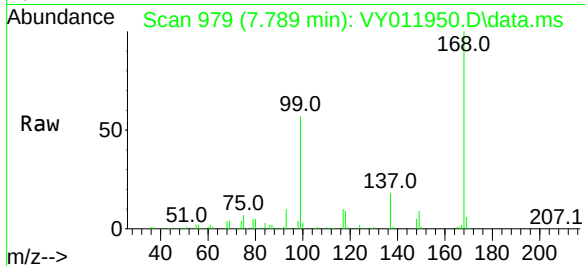




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011950.D
Acq: 21 Dec 2022 16:34

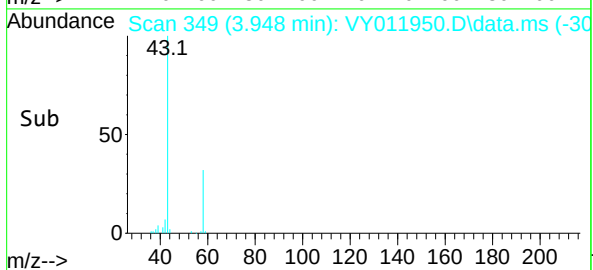
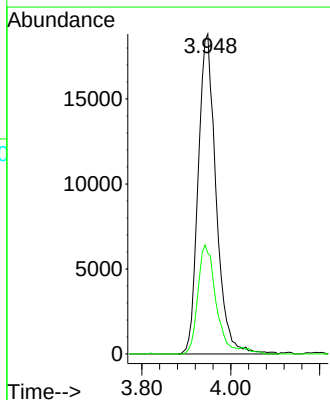
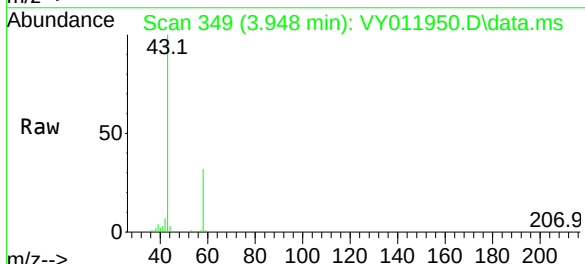
Instrument :
MSVOA_Y
ClientSampleId :
20221267-LOCATION-15

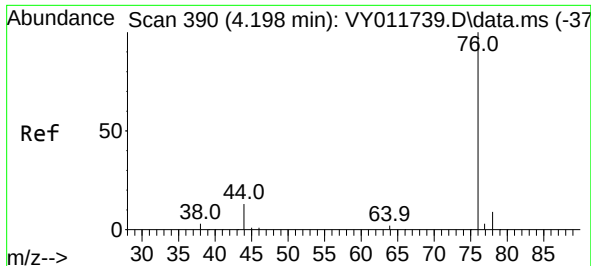
Tgt Ion:168 Resp: 196606
Ion Ratio Lower Upper
168 100
99 56.5 44.0 66.0



#16
Acetone
Concen: 92.257 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011950.D
Acq: 21 Dec 2022 16:34

Tgt Ion: 43 Resp: 52703
Ion Ratio Lower Upper
43 100
58 31.5 27.9 41.9

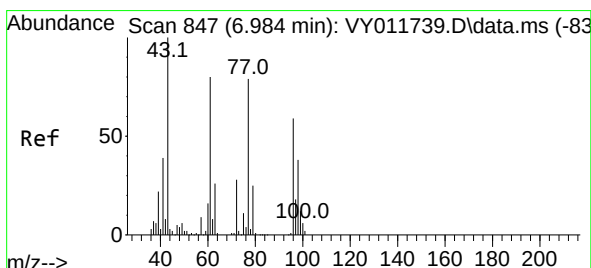
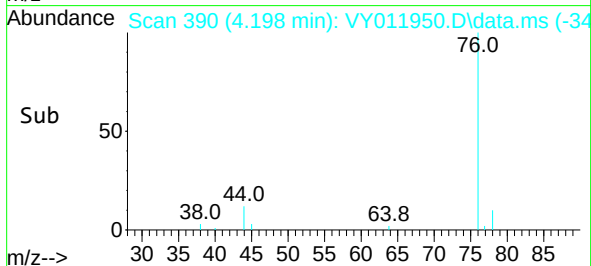
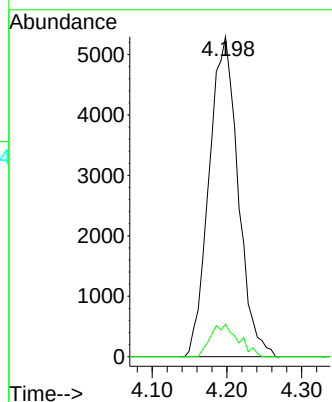
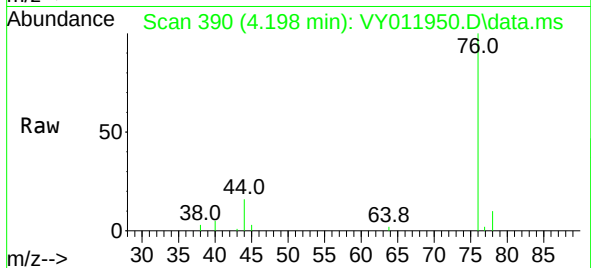




#17
Carbon Disulfide
Concen: 2.416 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY011950.D
Acq: 21 Dec 2022 16:34

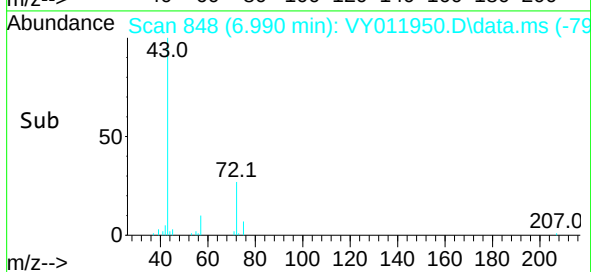
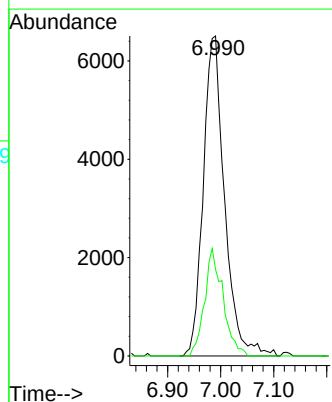
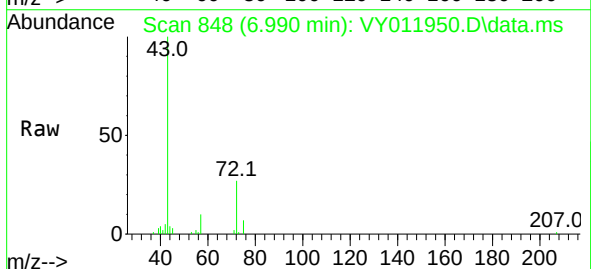
Instrument :
MSVOA_Y
ClientSampleId :
20221267-LOCATION-15

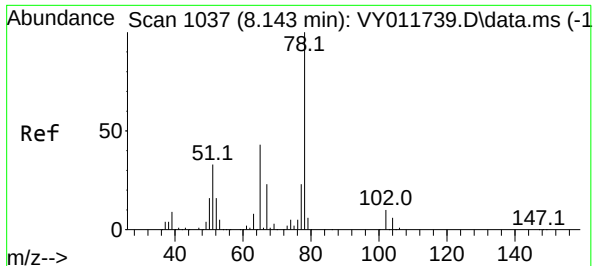
Tgt Ion: 76 Resp: 14334
Ion Ratio Lower Upper
76 100
78 10.2 7.2 10.8



#25
2-Butanone
Concen: 27.491 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY011950.D
Acq: 21 Dec 2022 16:34

Tgt Ion: 43 Resp: 18139
Ion Ratio Lower Upper
43 100
72 27.0 22.6 34.0





#33

1,2-Dichloroethane-d4

Concen: 60.534 ug/l

RT: 8.142 min Scan# 119903

Delta R.T. -0.001 min

Lab File: VY011950.D

Acq: 21 Dec 2022 16:34

Instrument :

MSVOA_Y

ClientSampleId :

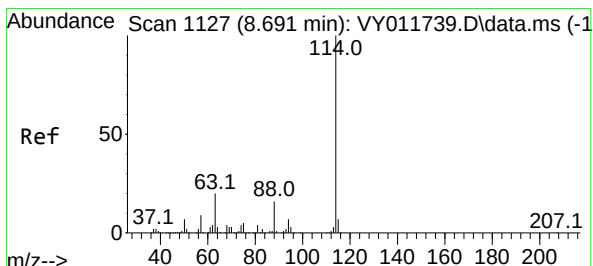
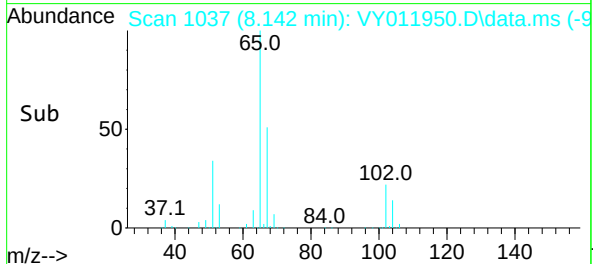
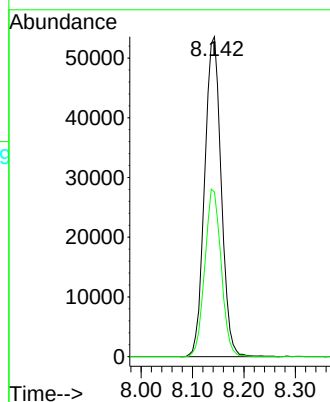
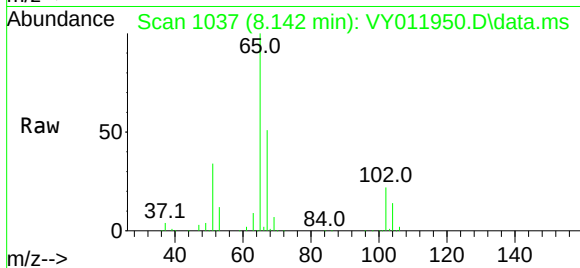
20221267-LOCATION-15

Tgt Ion: 65 Resp: 119903

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011950.D

Acq: 21 Dec 2022 16:34

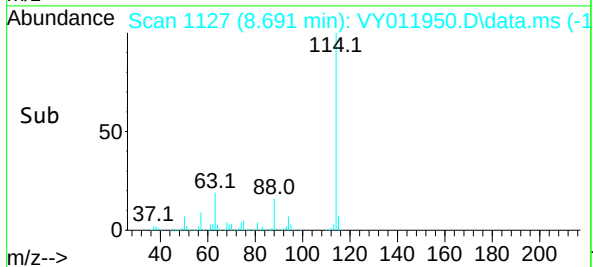
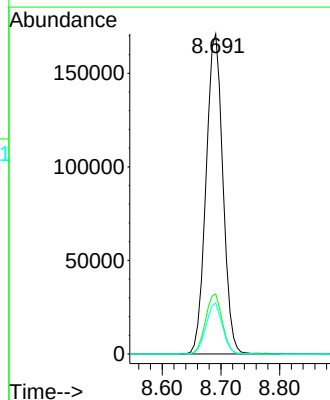
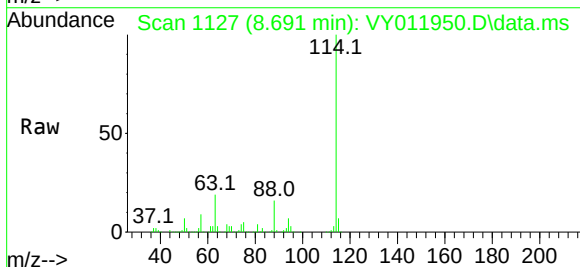
Tgt Ion: 114 Resp: 340302

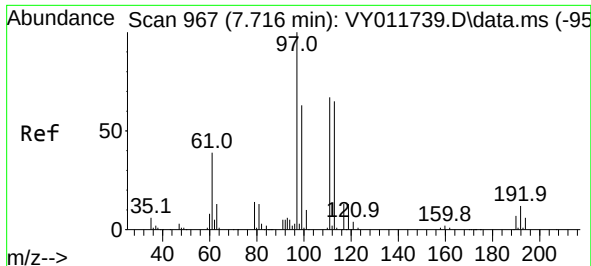
Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 15.9 0.0 32.2

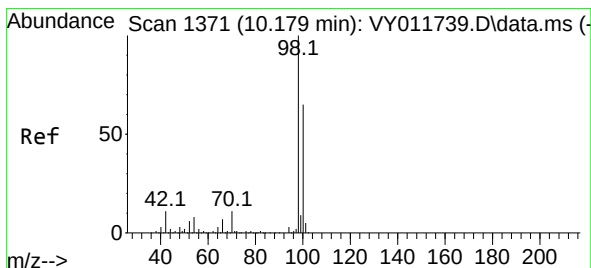
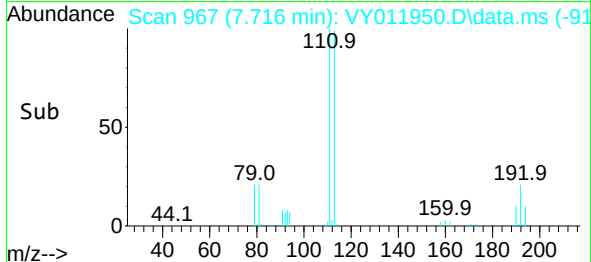
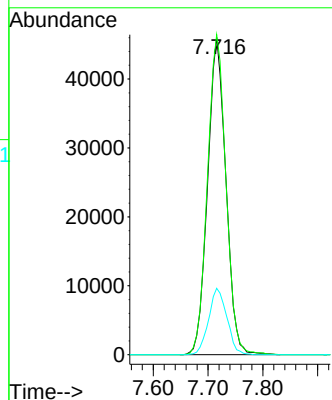
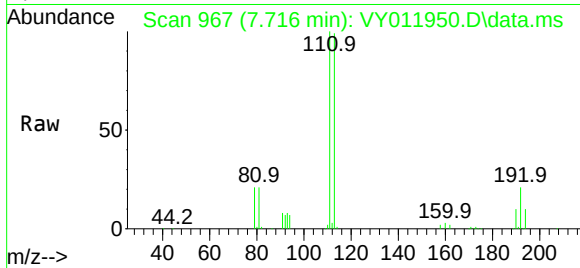




#35
Dibromofluoromethane
Concen: 51.897 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011950.D
Acq: 21 Dec 2022 16:34

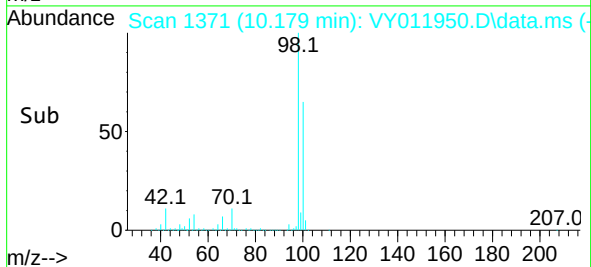
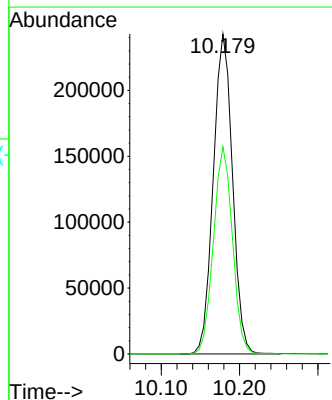
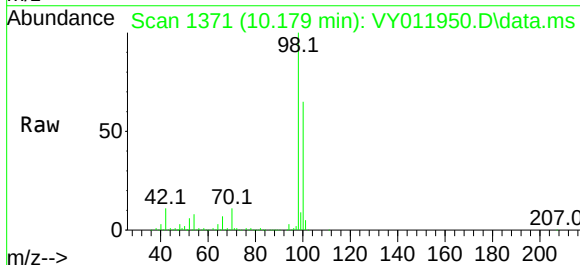
Instrument :
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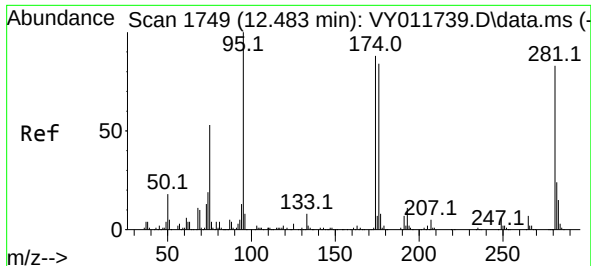
Tgt Ion:113 Resp: 106322
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.4
192 20.9 16.0 24.0



#50
Toluene-d8
Concen: 49.807 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011950.D
Acq: 21 Dec 2022 16:34

Tgt Ion: 98 Resp: 414004
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

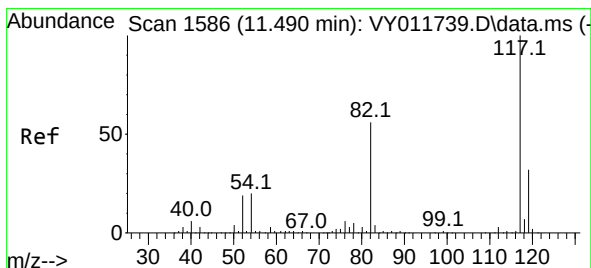
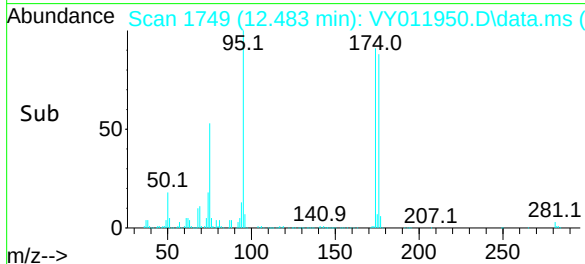
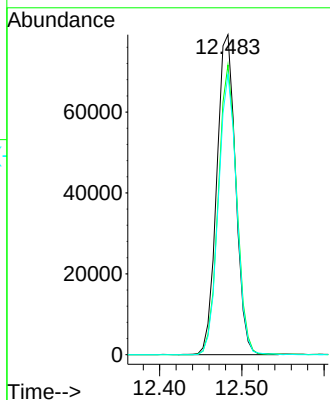
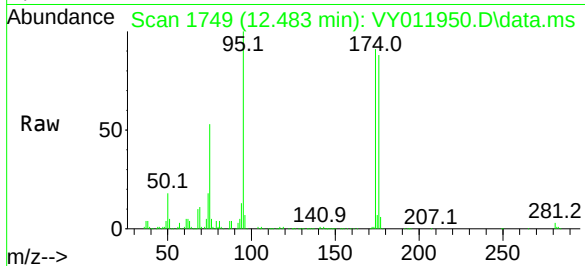




#62
4-Bromofluorobenzene
Concen: 45.123 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011950.D
Acq: 21 Dec 2022 16:34

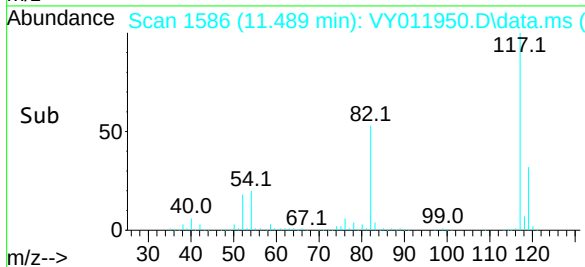
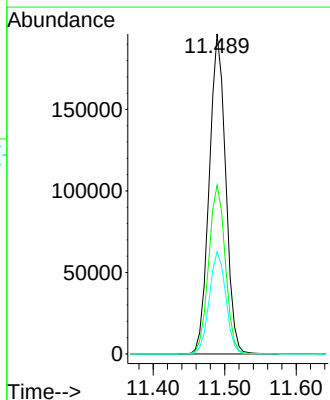
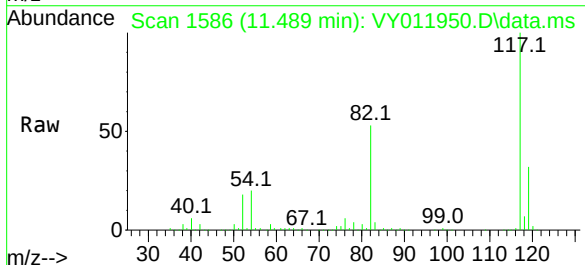
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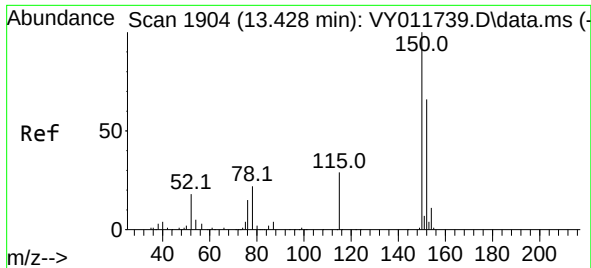
Tgt Ion: 95 Resp: 126144
Ion Ratio Lower Upper
95 100
174 88.0 0.0 172.0
176 84.7 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011950.D
Acq: 21 Dec 2022 16:34

Tgt Ion: 117 Resp: 313714
Ion Ratio Lower Upper
117 100
82 52.7 44.8 67.2
119 32.0 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY011950.D

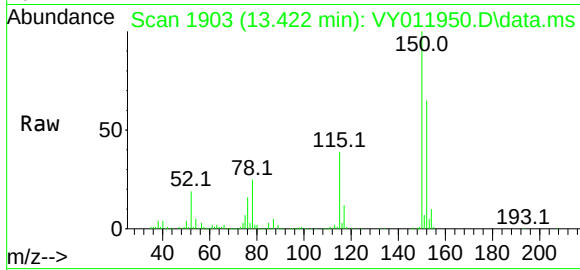
Acq: 21 Dec 2022 16:34

Instrument :

MSVOA_Y

ClientSampleId :

20221267-LOCATION-15



Tgt Ion:152 Resp: 131196

Ion Ratio Lower Upper

152 100

115 57.3 29.1 87.3

150 155.1 0.0 342.6

