

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
 Data File : VY011948.D
 Acq On : 21 Dec 2022 15:47
 Operator : KP/MD
 Sample : N6092-02
 Misc : 4.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20221259-LOCATION-7

Quant Time: Dec 22 00:14:08 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)

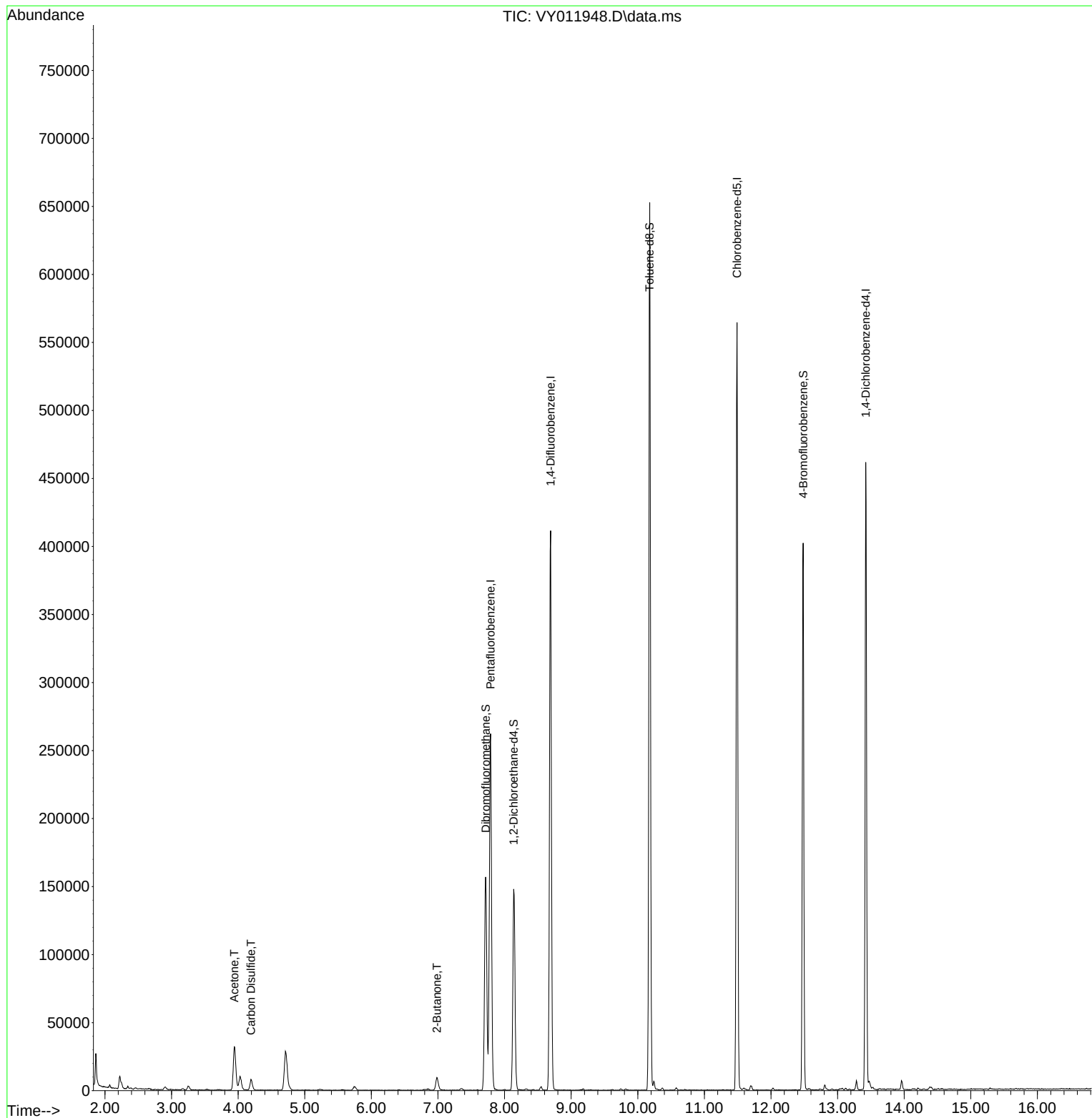
Internal Standards						
1) Pentafluorobenzene	7.789	168	204398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	355253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	313268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	120067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	118379	57.486	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.980%	
35) Dibromofluoromethane	7.716	113	110033	51.448	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.900%	
50) Toluene-d8	10.179	98	428036	49.328	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.660%	
62) 4-Bromofluorobenzene	12.483	95	120755	41.378	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.760%	
Target Compounds						Qvalue
16) Acetone	3.942	43	55756	93.795	ug/l	96
17) Carbon Disulfide	4.192	76	14905	2.416	ug/l	99
25) 2-Butanone	6.984	43	15058	21.952	ug/l	97

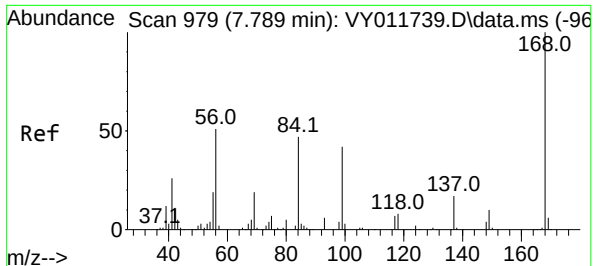
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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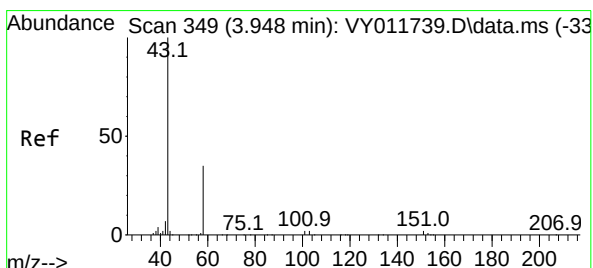
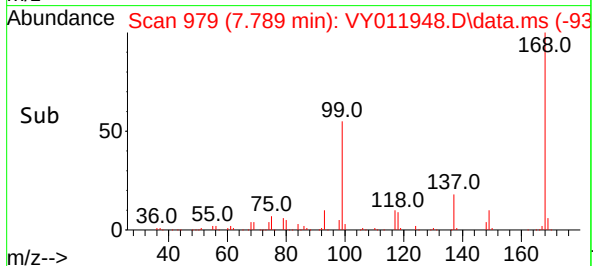
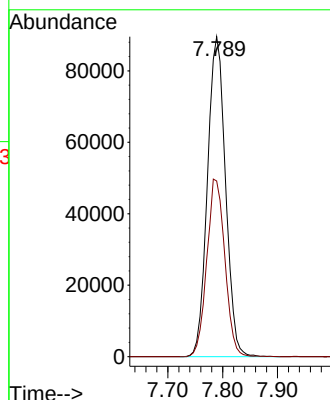
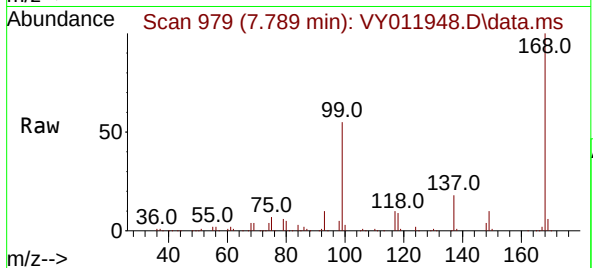




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011948.D
Acq: 21 Dec 2022 15:47

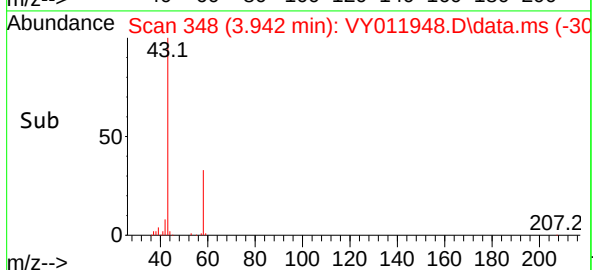
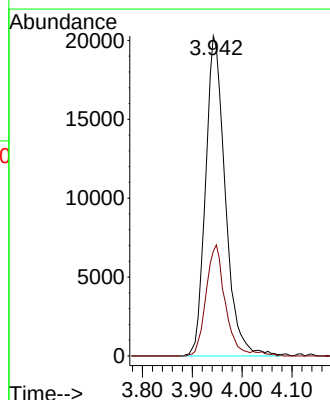
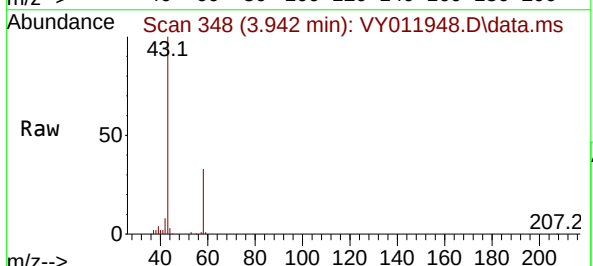
Instrument :
MSVOA_Y
ClientSampleId :
20221259-LOCATION-7

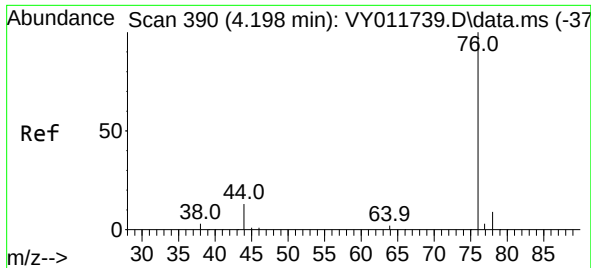
Tgt Ion:168 Resp: 204398
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0



#16
Acetone
Concen: 93.795 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011948.D
Acq: 21 Dec 2022 15:47

Tgt Ion: 43 Resp: 55756
Ion Ratio Lower Upper
43 100
58 32.7 27.9 41.9

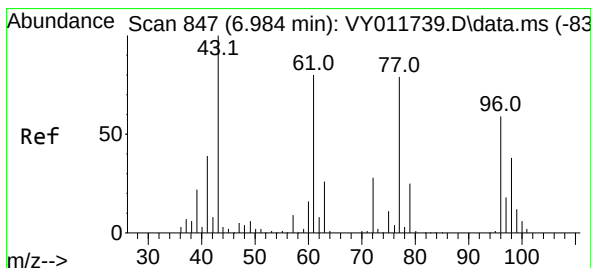
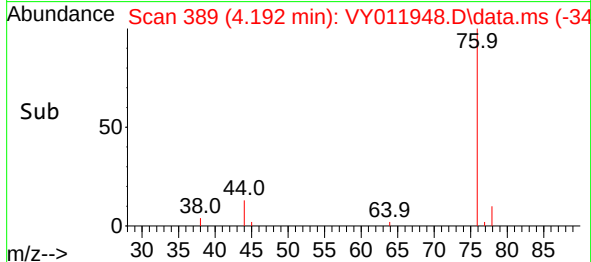
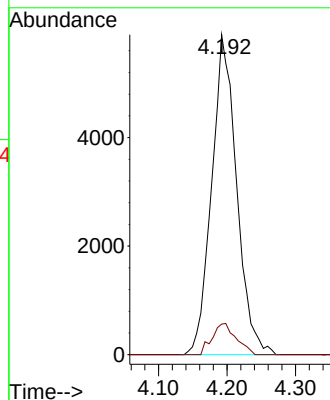
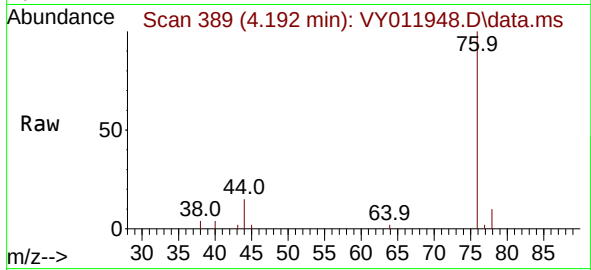




#17
Carbon Disulfide
Concen: 2.416 ug/l
RT: 4.192 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY011948.D
Acq: 21 Dec 2022 15:47

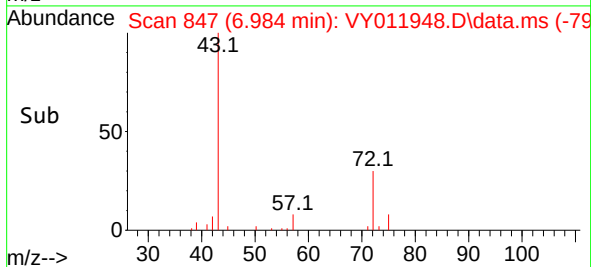
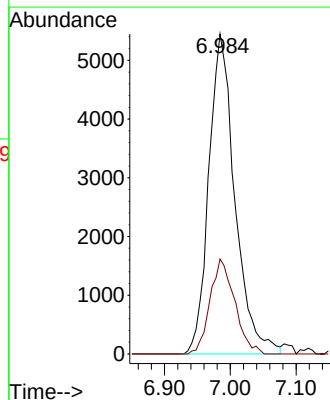
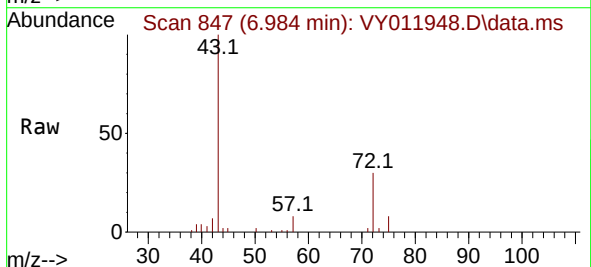
Instrument :
MSVOA_Y
ClientSampleId :
20221259-LOCATION-7

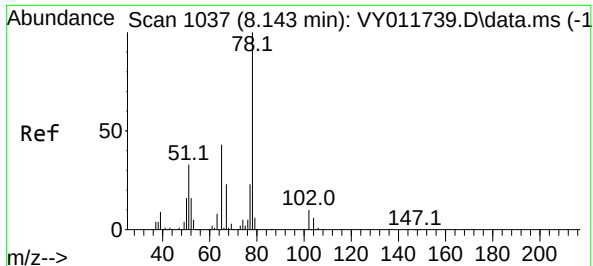
Tgt Ion: 76 Resp: 14905
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#25
2-Butanone
Concen: 21.952 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY011948.D
Acq: 21 Dec 2022 15:47

Tgt Ion: 43 Resp: 15058
Ion Ratio Lower Upper
43 100
72 29.7 22.6 34.0





#33

1,2-Dichloroethane-d4

Concen: 57.486 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY011948.D

Acq: 21 Dec 2022 15:47

Instrument :

MSVOA_Y

ClientSampleId :

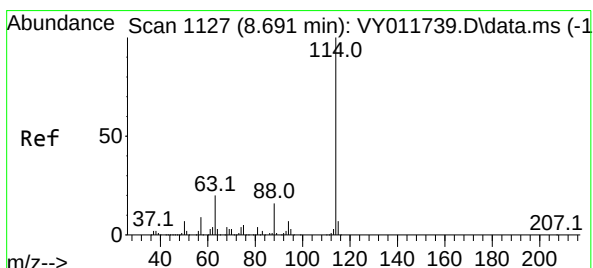
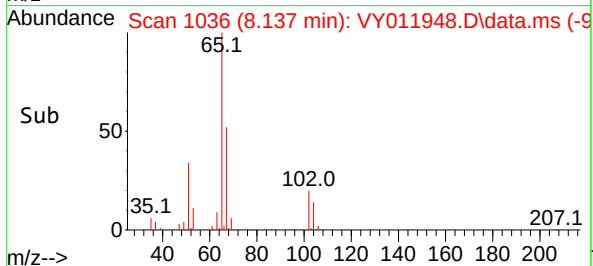
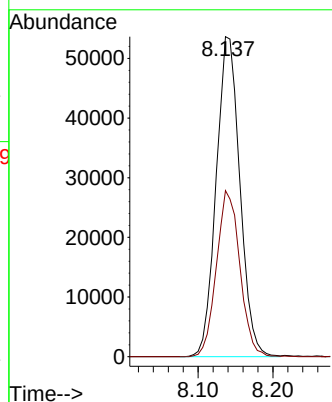
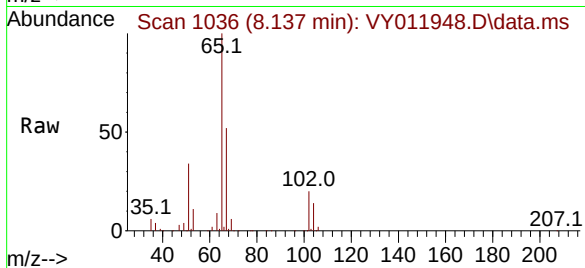
20221259-LOCATION-7

Tgt Ion: 65 Resp: 118379

Ion Ratio Lower Upper

65 100

67 51.3 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: VY011948.D

Acq: 21 Dec 2022 15:47

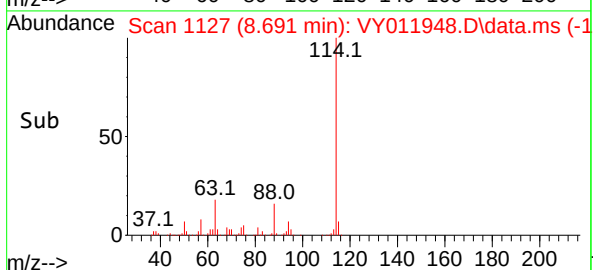
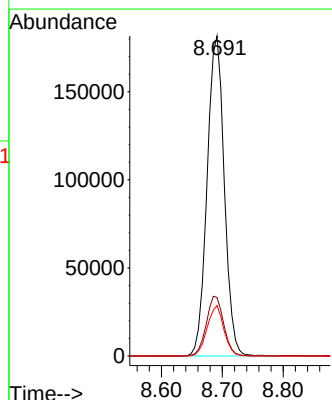
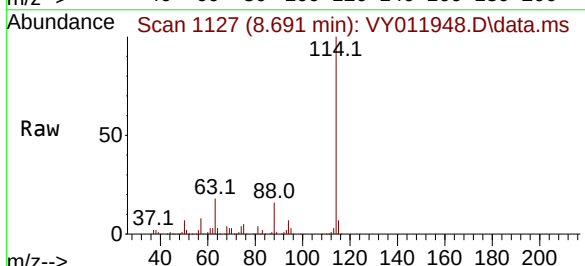
Tgt Ion:114 Resp: 355253

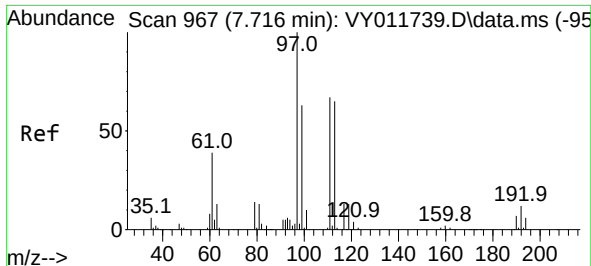
Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 15.8 0.0 32.2

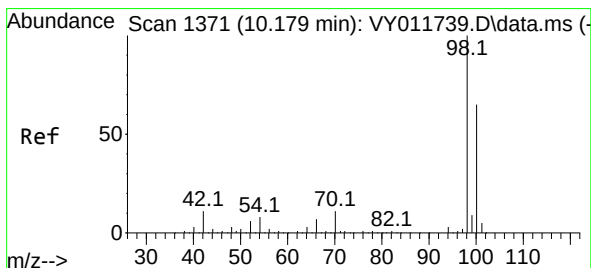
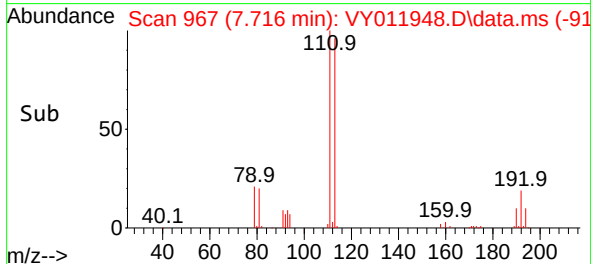
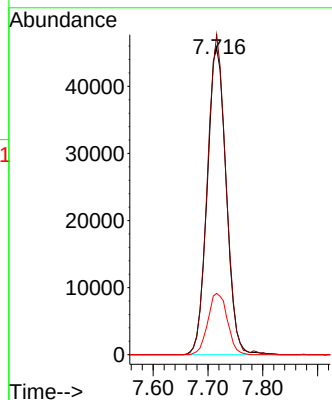
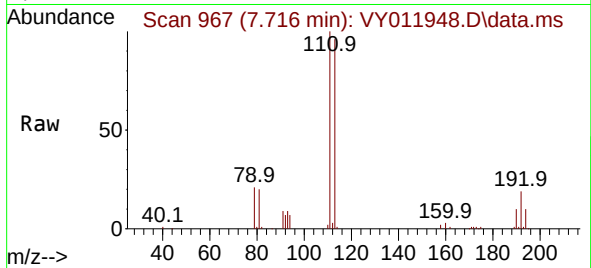




#35
Dibromofluoromethane
Concen: 51.448 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY011948.D
Acq: 21 Dec 2022 15:47

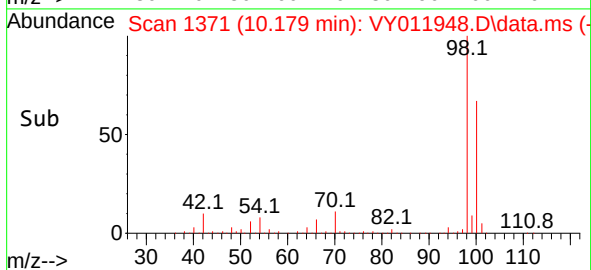
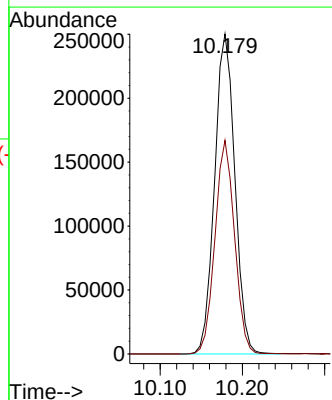
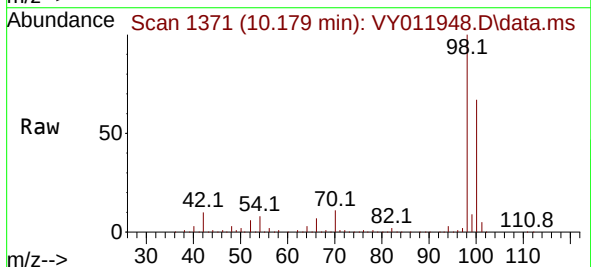
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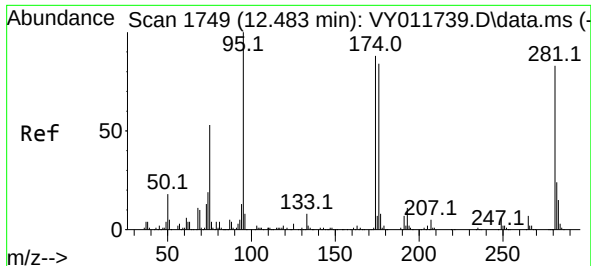
Tgt Ion:113 Resp: 110033
Ion Ratio Lower Upper
113 100
111 101.0 83.0 124.4
192 20.4 16.0 24.0



#50
Toluene-d8
Concen: 49.328 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011948.D
Acq: 21 Dec 2022 15:47

Tgt Ion: 98 Resp: 428036
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

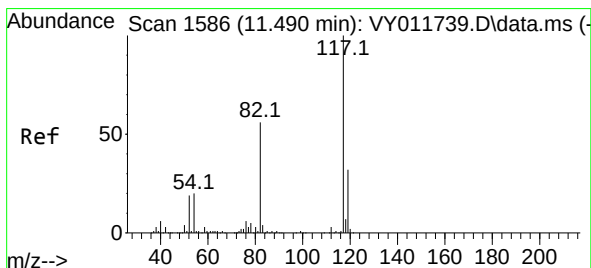
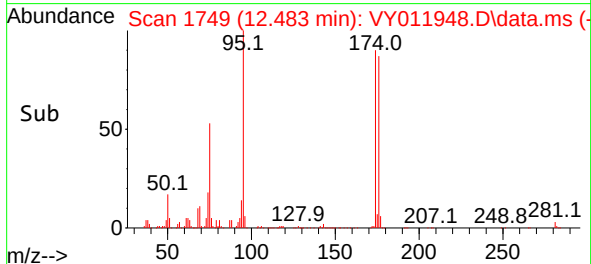
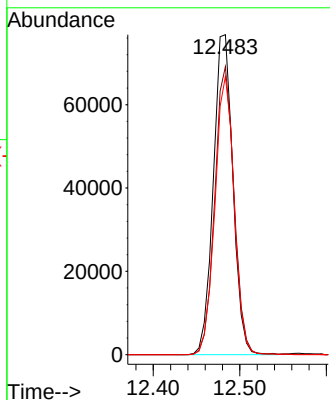
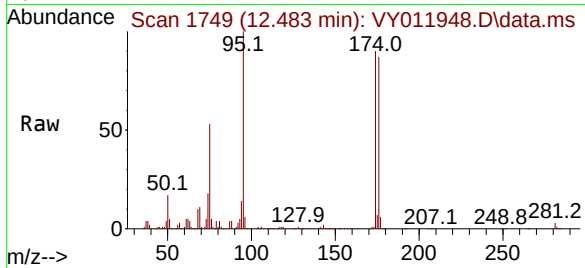




#62
4-Bromofluorobenzene
Concen: 41.378 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011948.D
Acq: 21 Dec 2022 15:47

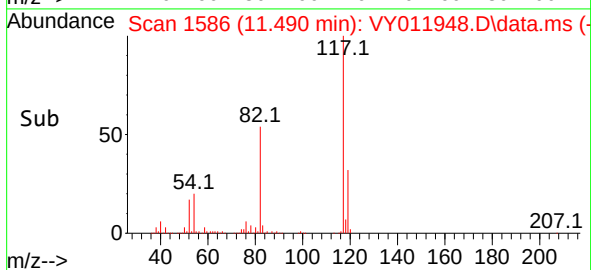
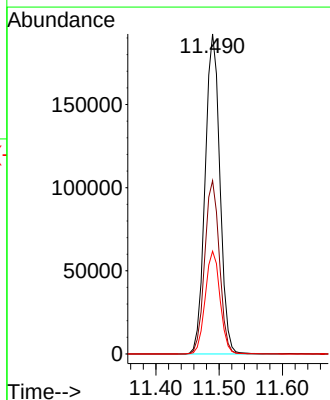
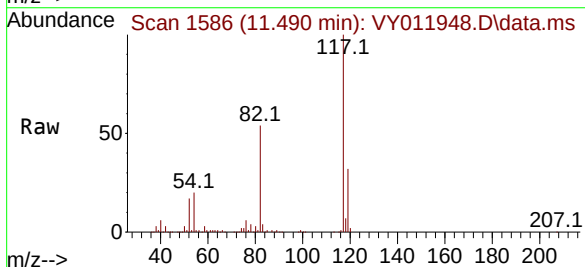
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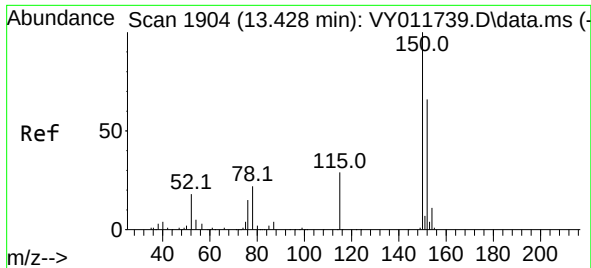
Tgt Ion: 95 Resp: 120755
Ion Ratio Lower Upper
95 100
174 88.8 0.0 172.0
176 85.3 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY011948.D
Acq: 21 Dec 2022 15:47

Tgt Ion: 117 Resp: 313268
Ion Ratio Lower Upper
117 100
82 54.2 44.8 67.2
119 32.1 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: VY011948.D

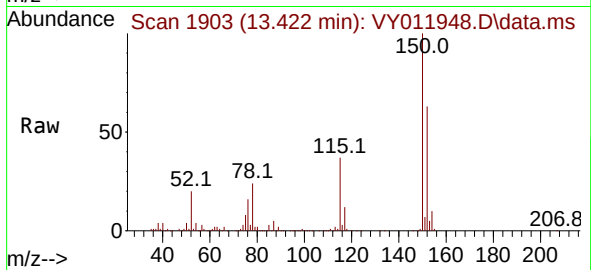
Acq: 21 Dec 2022 15:47

Instrument :

MSVOA_Y

ClientSampleId :

20221259-LOCATION-7



Tgt Ion:152 Resp: 120067

Ion Ratio Lower Upper

152 100

115 58.6 29.1 87.3

150 159.0 0.0 342.6

