

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
 Data File : VY011949.D
 Acq On : 21 Dec 2022 16:10
 Operator : KP/MD
 Sample : N6092-03
 Misc : 3.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20221263-LOCATION-11

Quant Time: Dec 22 00:14:15 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)

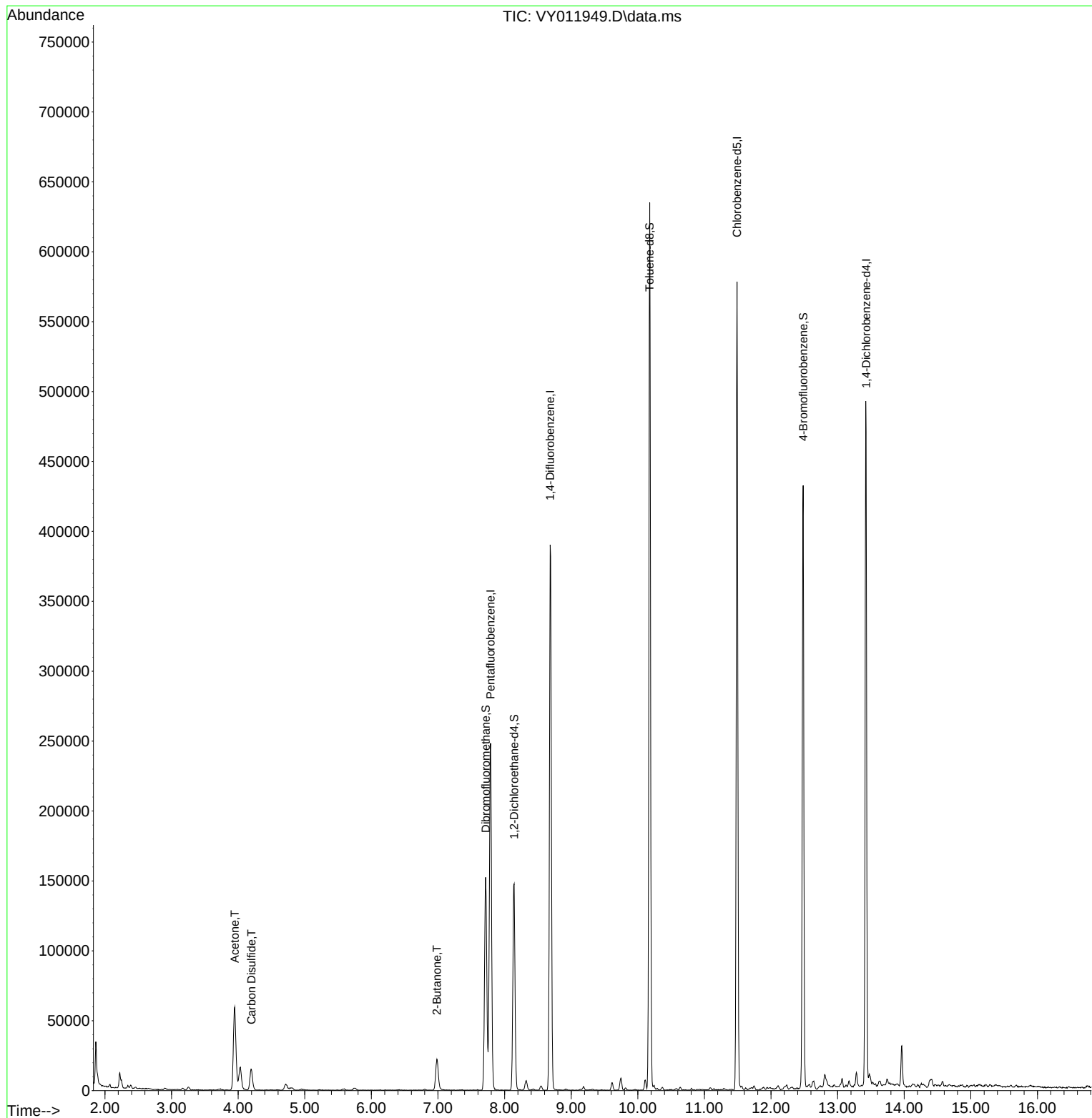
Internal Standards						
1) Pentafluorobenzene	7.789	168	196438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	343615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	311960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	119163	60.212	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 120.420%		
35) Dibromofluoromethane	7.716	113	106461	51.464	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 102.920%		
50) Toluene-d8	10.179	98	417252	49.714	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 99.420%		
62) 4-Bromofluorobenzene	12.483	95	127162	45.049	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 90.100%		
Target Compounds						
						Qvalue
16) Acetone	3.948	43	103633	176.847	ug/l	99
17) Carbon Disulfide	4.198	76	31284	5.277	ug/l #	95
25) 2-Butanone	6.984	43	34322	52.063	ug/l	97

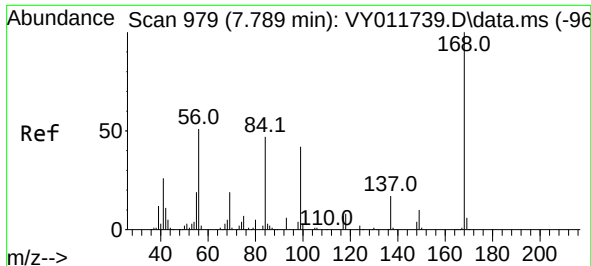
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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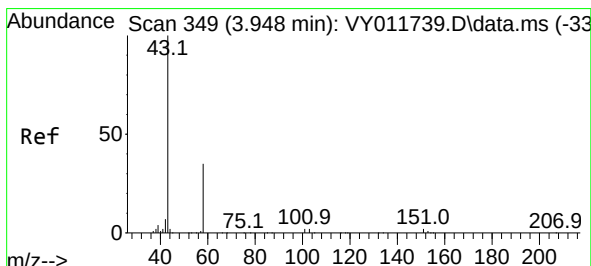
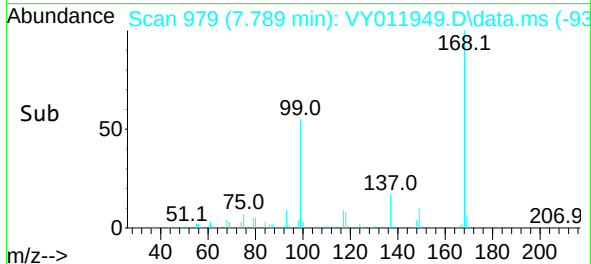
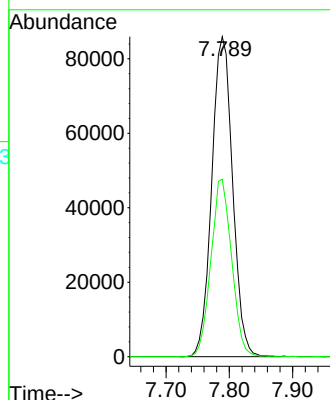
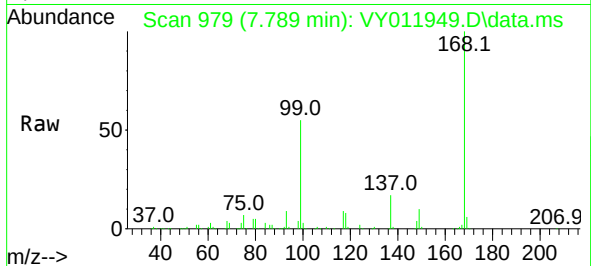




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011949.D
Acq: 21 Dec 2022 16:10

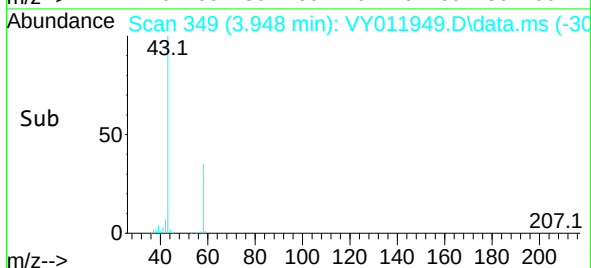
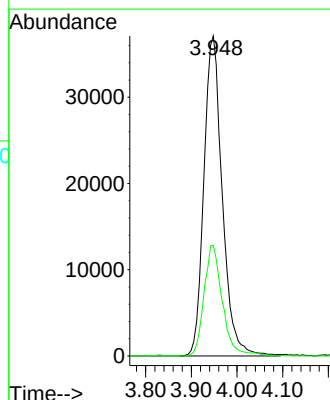
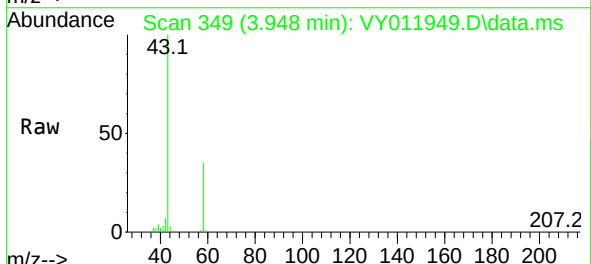
Instrument :
MSVOA_Y
ClientSampleId :
20221263-LOCATION-11

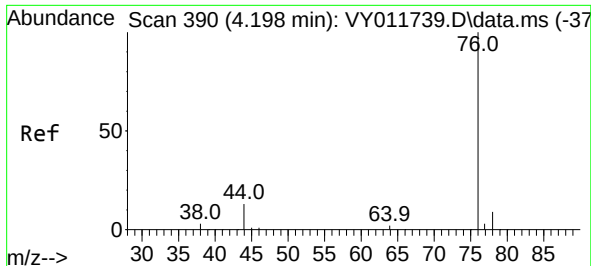
Tgt Ion:168 Resp: 196438
Ion Ratio Lower Upper
168 100
99 55.4 44.0 66.0



#16
Acetone
Concen: 176.847 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011949.D
Acq: 21 Dec 2022 16:10

Tgt Ion: 43 Resp: 103633
Ion Ratio Lower Upper
43 100
58 34.5 27.9 41.9

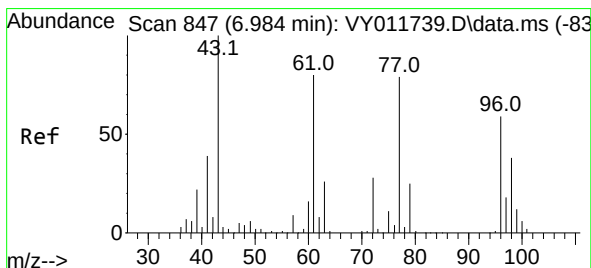
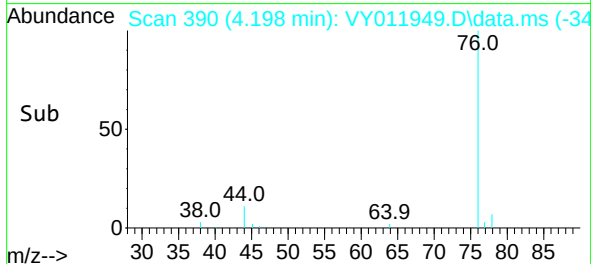
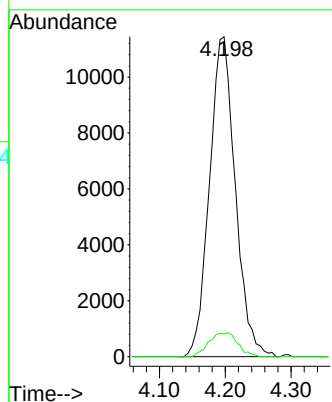
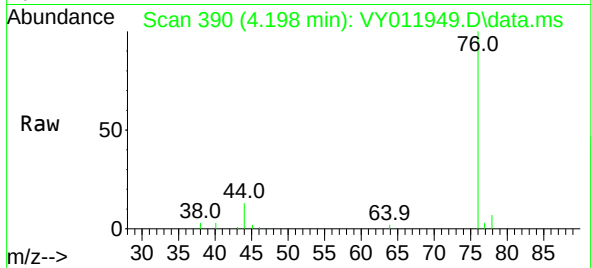




#17
Carbon Disulfide
Concen: 5.277 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY011949.D
Acq: 21 Dec 2022 16:10

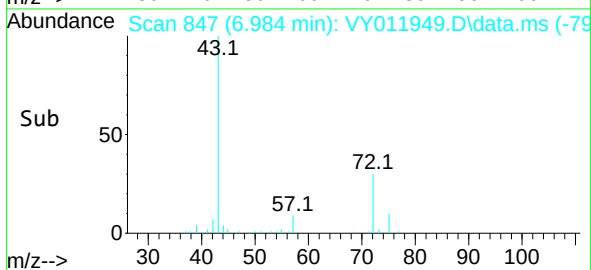
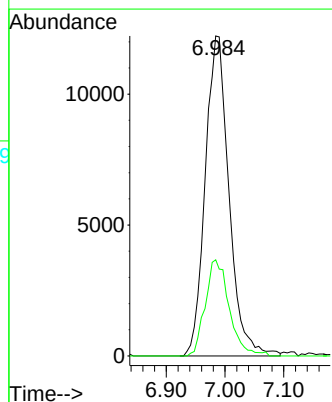
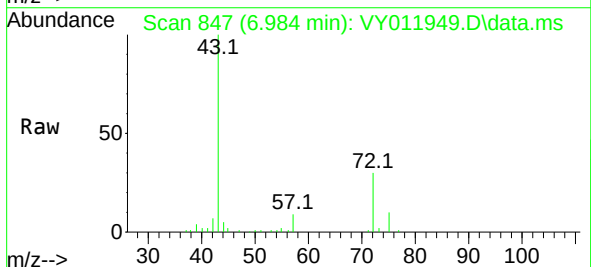
Instrument : MSVOA_Y
ClientSampleId : 20221263-LOCATION-11

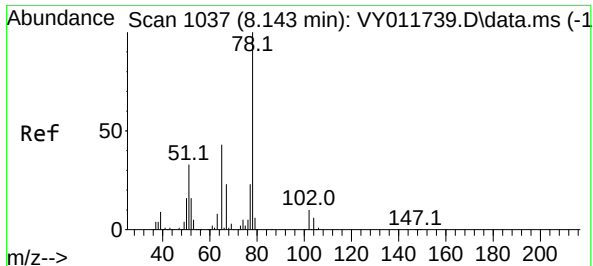
Tgt Ion: 76 Resp: 31284
Ion Ratio Lower Upper
76 100
78 7.1 7.2 10.8#



#25
2-Butanone
Concen: 52.063 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011949.D
Acq: 21 Dec 2022 16:10

Tgt Ion: 43 Resp: 34322
Ion Ratio Lower Upper
43 100
72 30.1 22.6 34.0





#33

1,2-Dichloroethane-d4

Concen: 60.212 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY011949.D

Acq: 21 Dec 2022 16:10

Instrument :

MSVOA_Y

ClientSampleId :

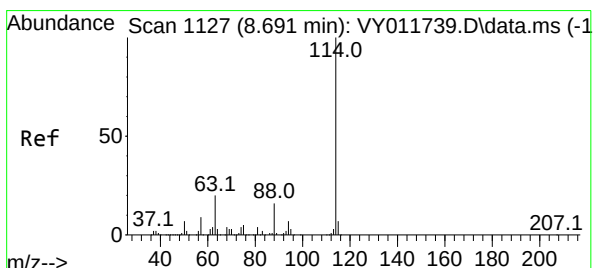
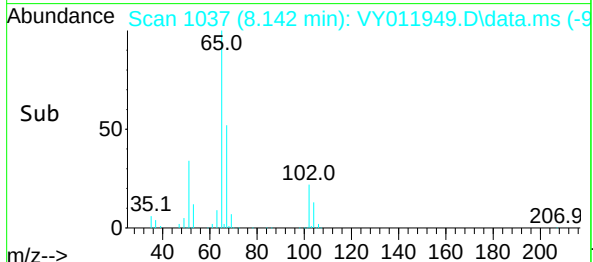
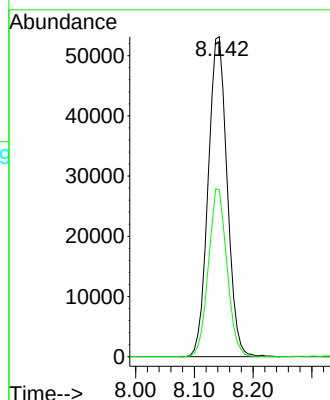
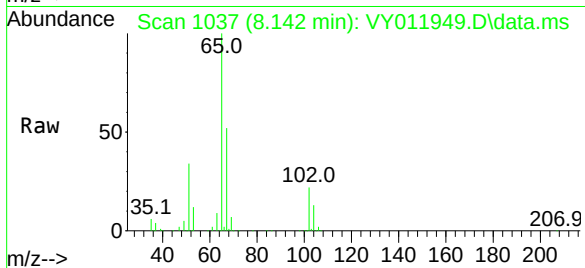
20221263-LOCATION-11

Tgt Ion: 65 Resp: 119163

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY011949.D

Acq: 21 Dec 2022 16:10

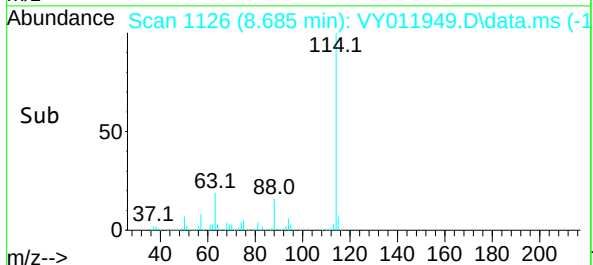
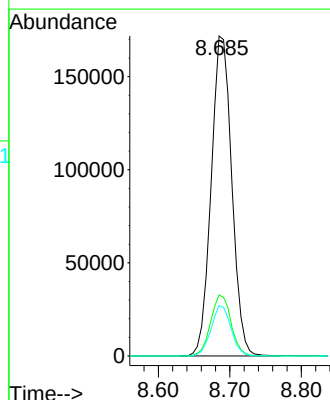
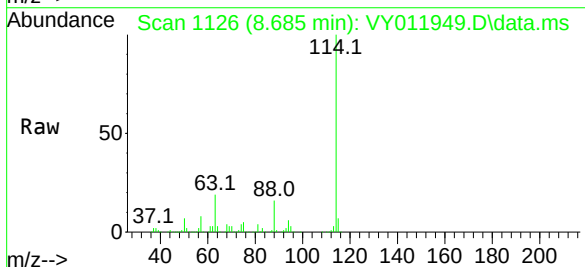
Tgt Ion: 114 Resp: 343615

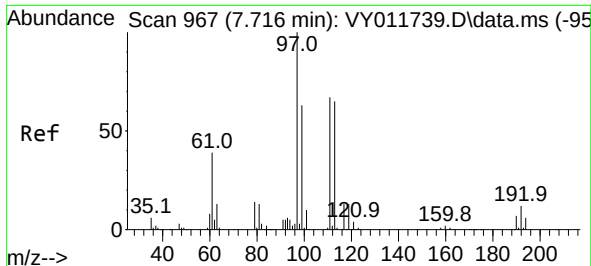
Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 15.7 0.0 32.2

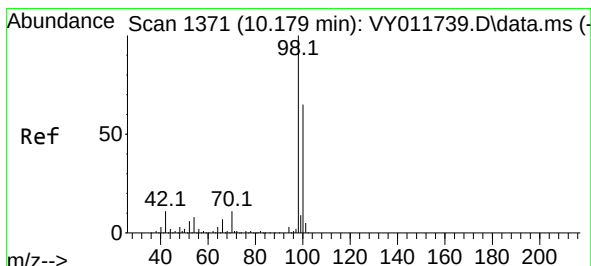
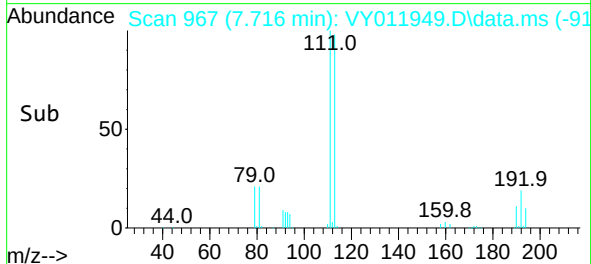
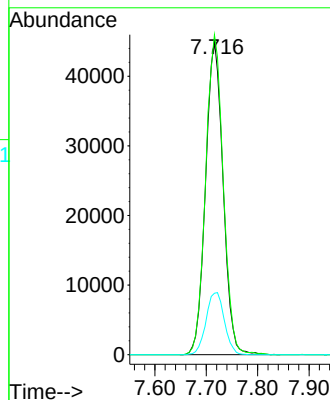
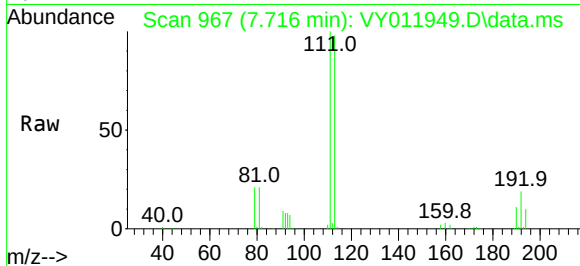




#35
Dibromofluoromethane
Concen: 51.464 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011949.D
Acq: 21 Dec 2022 16:10

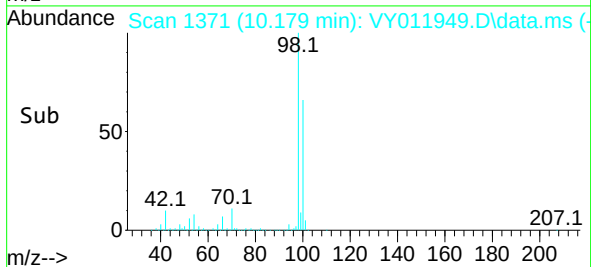
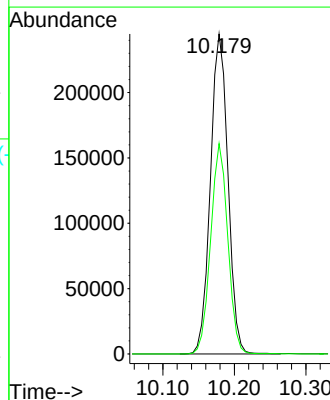
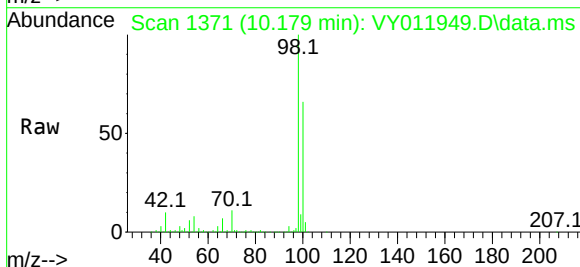
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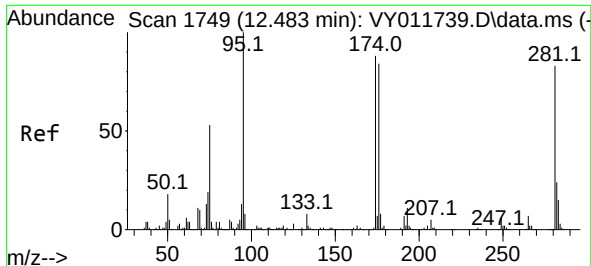
Tgt Ion:113 Resp: 106461
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.4
192 20.7 16.0 24.0



#50
Toluene-d8
Concen: 49.714 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011949.D
Acq: 21 Dec 2022 16:10

Tgt Ion: 98 Resp: 417252
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

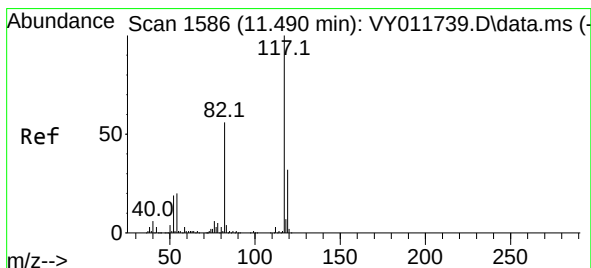
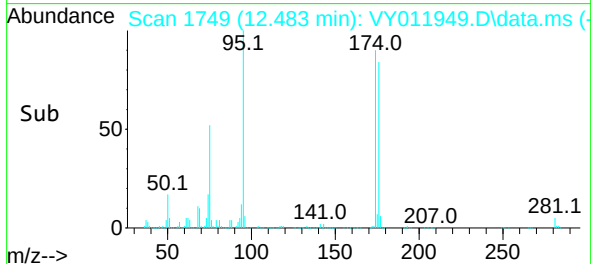
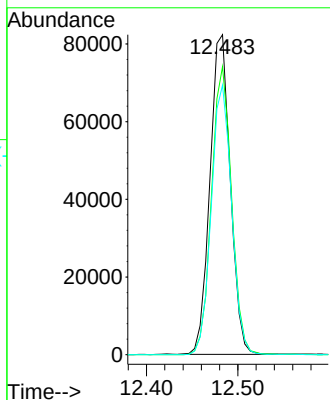
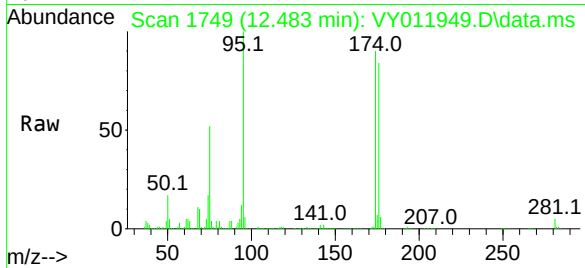




#62
4-Bromofluorobenzene
Concen: 45.049 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011949.D
Acq: 21 Dec 2022 16:10

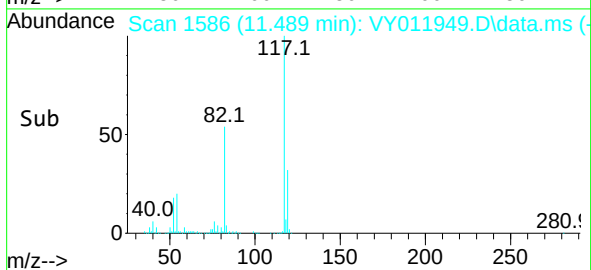
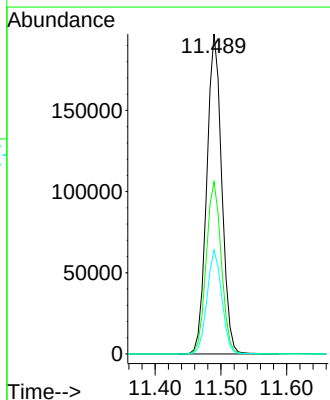
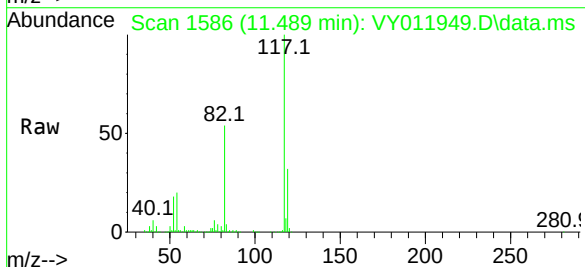
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MSVOA_Y
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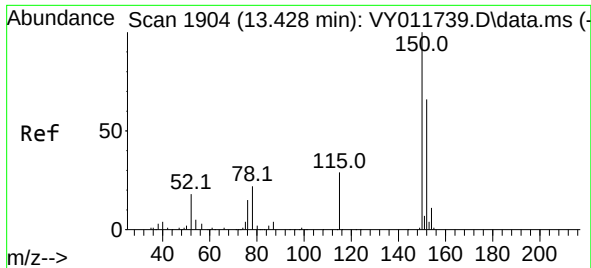
Tgt Ion: 95 Resp: 127162
Ion Ratio Lower Upper
95 100
174 88.9 0.0 172.0
176 84.3 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011949.D
Acq: 21 Dec 2022 16:10

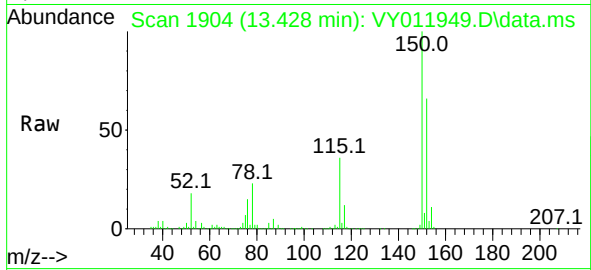
Tgt Ion: 117 Resp: 311960
Ion Ratio Lower Upper
117 100
82 53.8 44.8 67.2
119 32.5 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011949.D
 Acq: 21 Dec 2022 16:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 20221263-LOCATION-11



Tgt Ion:152 Resp: 130066
 Ion Ratio Lower Upper
 152 100
 115 57.1 29.1 87.3
 150 155.7 0.0 342.6

