

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011342.D
 Acq On : 07 Nov 2022 17:56
 Operator : KP/MD
 Sample : N5378-05
 Misc : 5.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-16-20221028-10.5-11.5-A

Quant Time: Nov 08 03:30:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

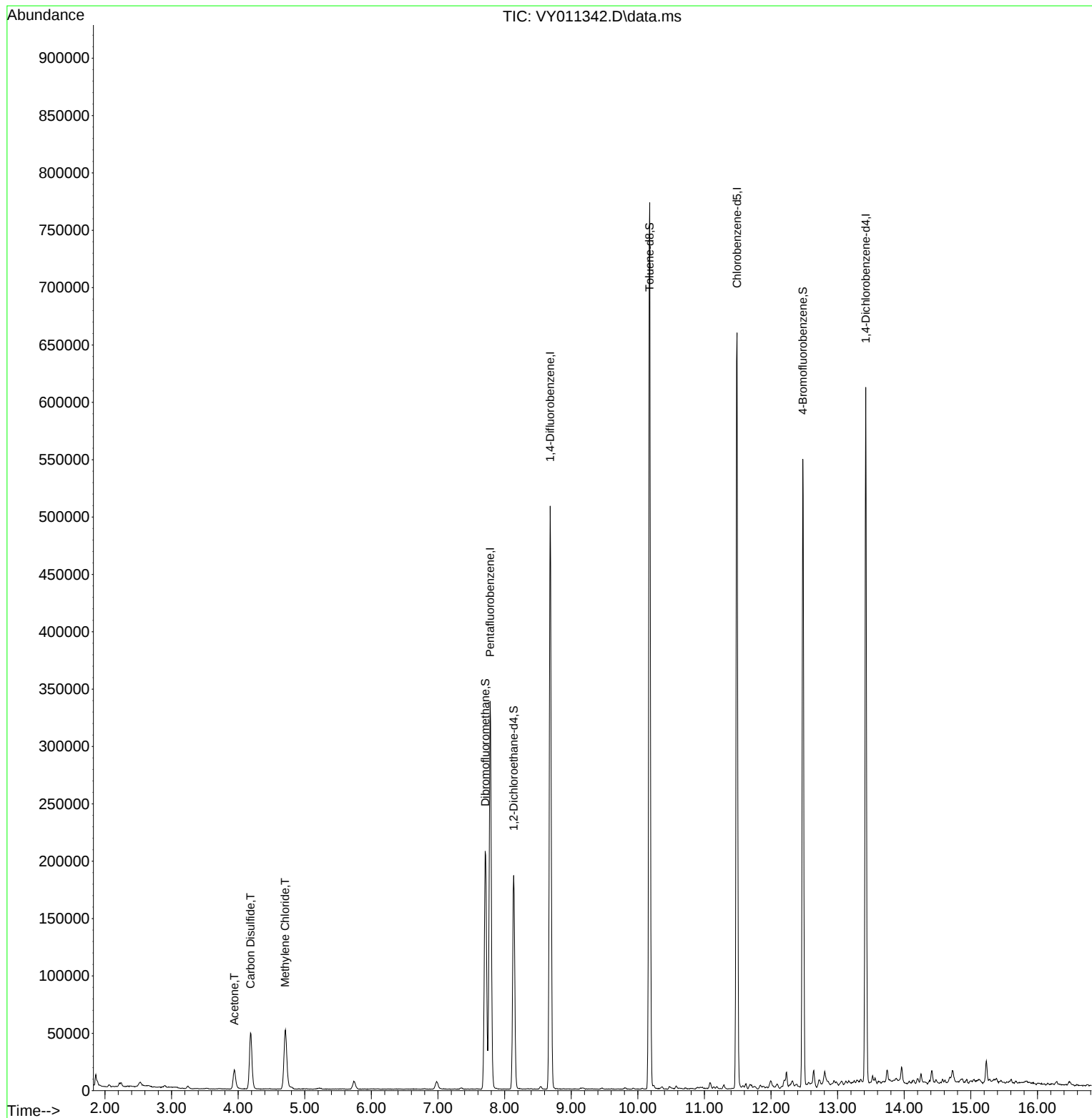
Internal Standards						
1) Pentafluorobenzene	7.783	168	267955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	450425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	384604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	158829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	144039	50.262	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.520%	
35) Dibromofluoromethane	7.710	113	152471	52.686	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.380%	
50) Toluene-d8	10.179	98	521931	46.451	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.900%	
62) 4-Bromofluorobenzene	12.477	95	173795	44.555	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.100%	
Target Compounds						Qvalue
16) Acetone	3.942	43	28681	33.154	ug/l #	82
17) Carbon Disulfide	4.186	76	104434	10.909	ug/l	98
20) Methylene Chloride	4.704	84	42157	7.658	ug/l #	77

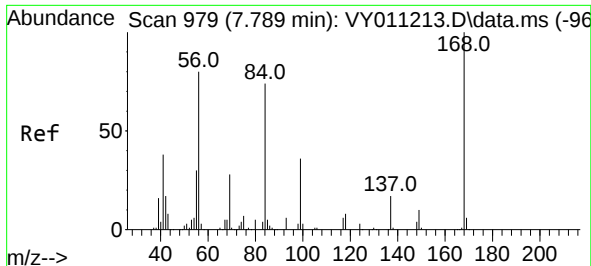
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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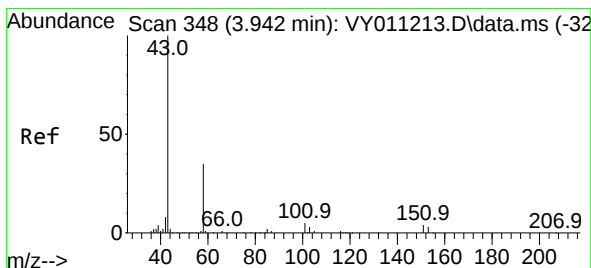
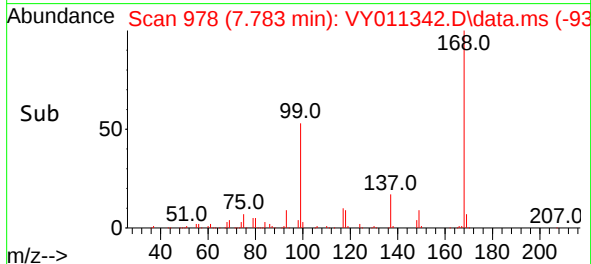
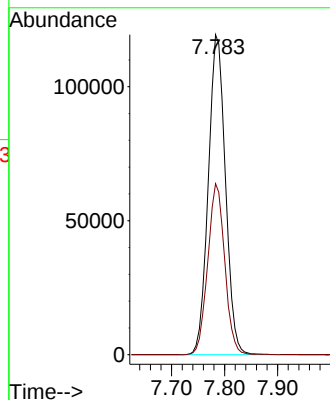
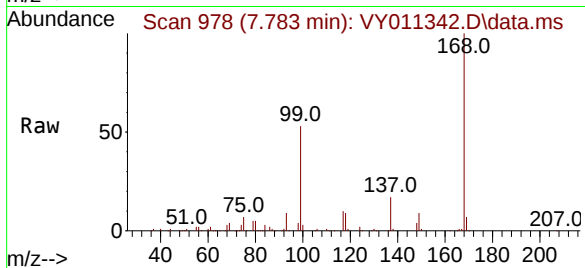




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011342.D
Acq: 07 Nov 2022 17:56

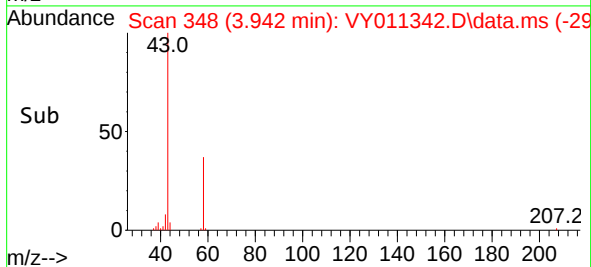
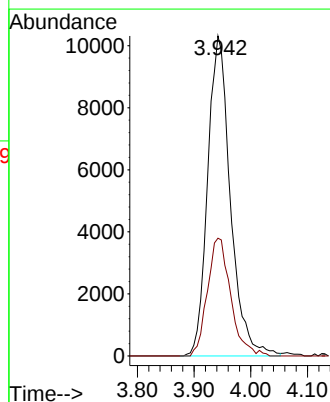
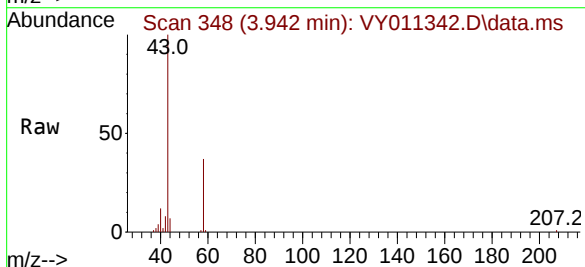
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-20221028-10.5-11.5-A

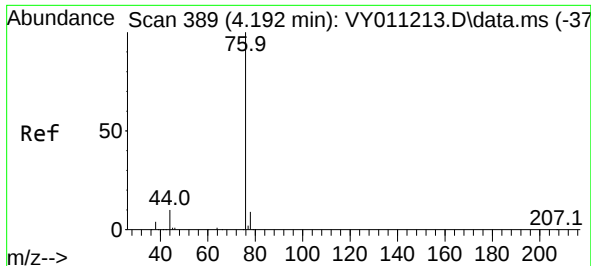
Tgt Ion:168 Resp: 267955
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#16
Acetone
Concen: 33.154 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY011342.D
Acq: 07 Nov 2022 17:56

Tgt Ion: 43 Resp: 28681
Ion Ratio Lower Upper
43 100
58 36.8 22.0 33.0#

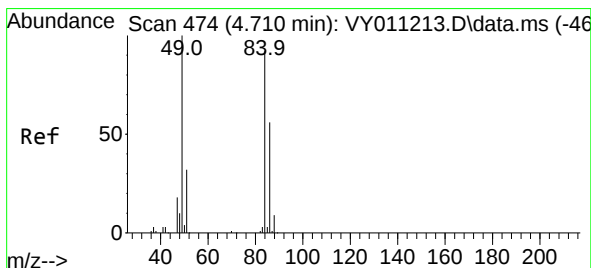
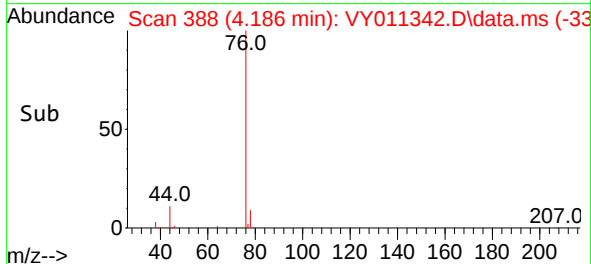
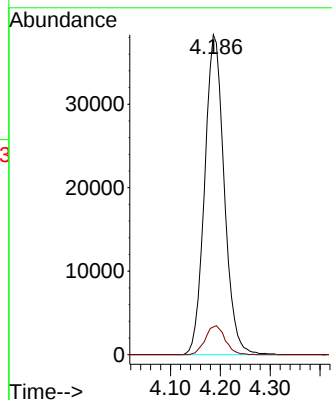
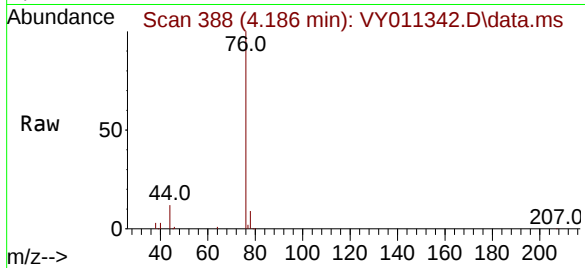




#17
Carbon Disulfide
Concen: 10.909 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY011342.D
Acq: 07 Nov 2022 17:56

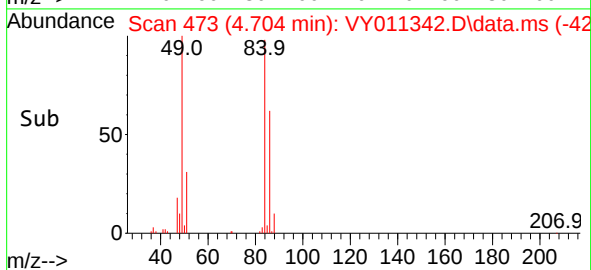
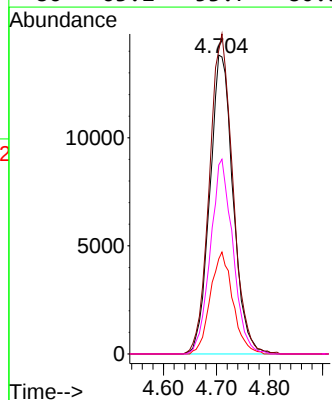
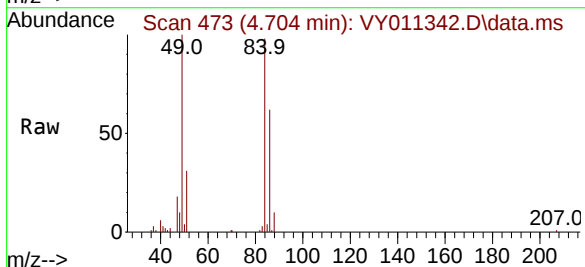
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-20221028-10.5-11.5-A

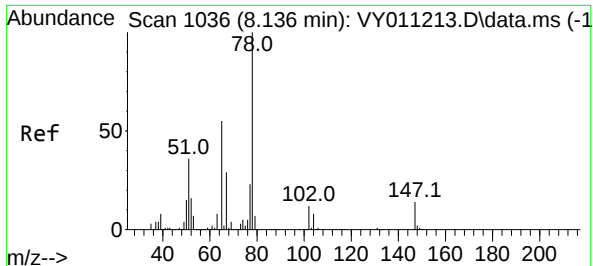
Tgt Ion: 76 Resp: 104434
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#20
Methylene Chloride
Concen: 7.658 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY011342.D
Acq: 07 Nov 2022 17:56

Tgt Ion: 84 Resp: 42157
Ion Ratio Lower Upper
84 100
49 101.6 114.4 171.6#
51 31.8 35.3 52.9#
86 63.2 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 50.262 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011342.D

Acq: 07 Nov 2022 17:56

Instrument :

MSVOA_Y

ClientSampleId :

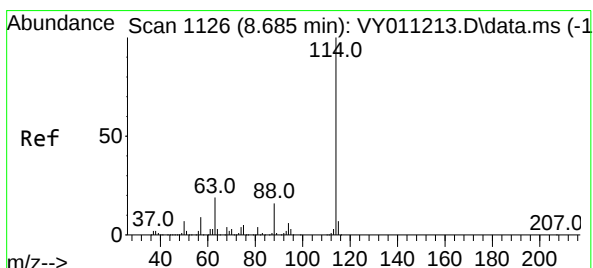
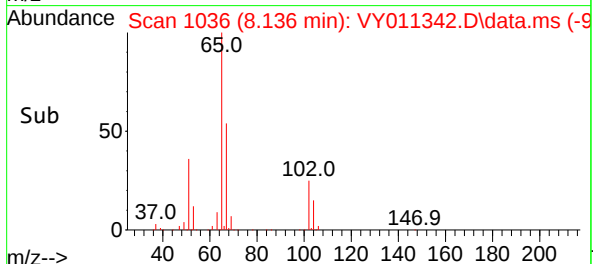
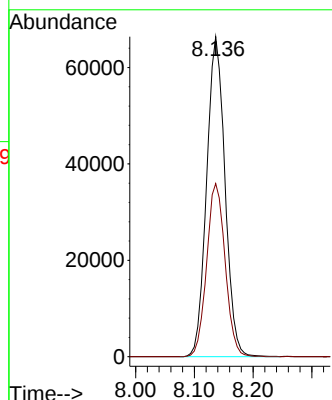
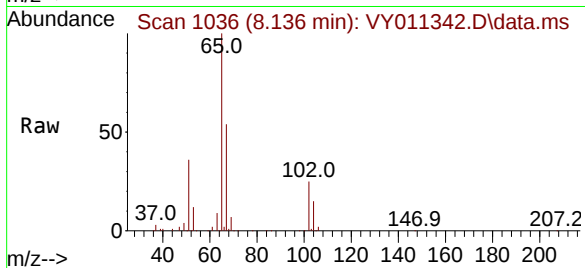
SB-16-20221028-10.5-11.5-A

Tgt Ion: 65 Resp: 144039

Ion Ratio Lower Upper

65 100

67 54.5 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: VY011342.D

Acq: 07 Nov 2022 17:56

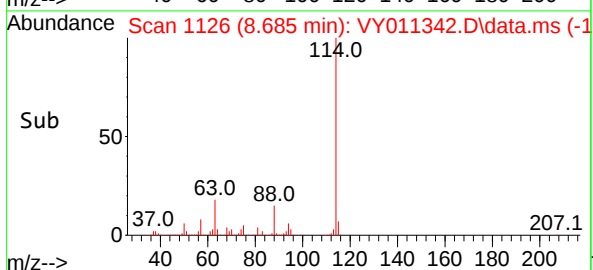
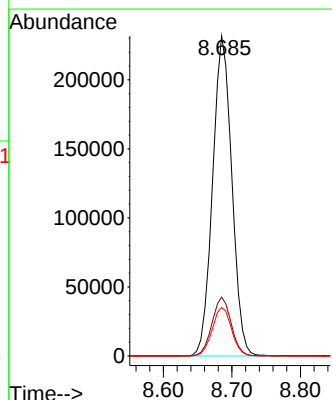
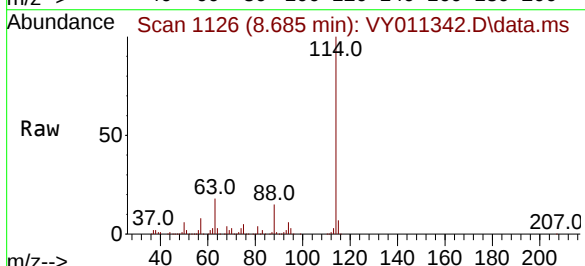
Tgt Ion: 114 Resp: 450425

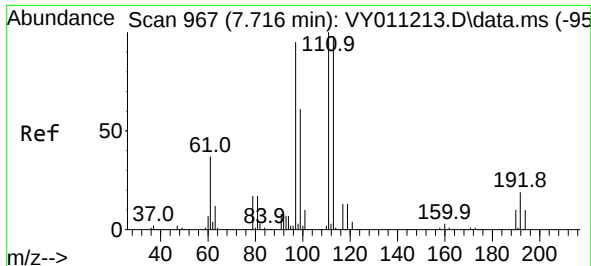
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 15.2 0.0 31.8

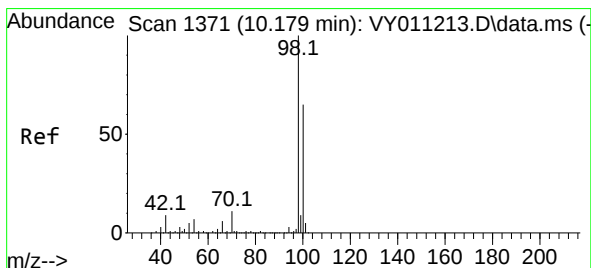
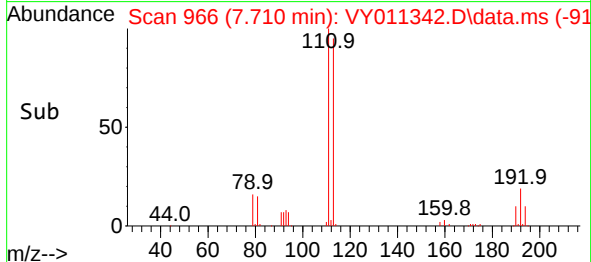
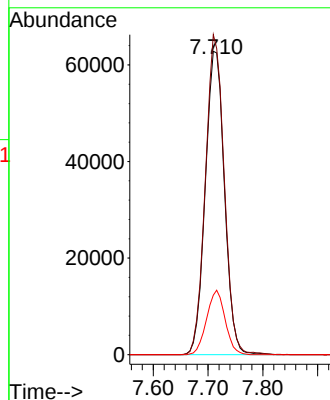
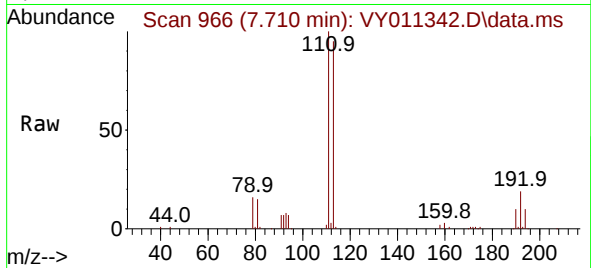




#35
Dibromofluoromethane
Concen: 52.686 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011342.D
Acq: 07 Nov 2022 17:56

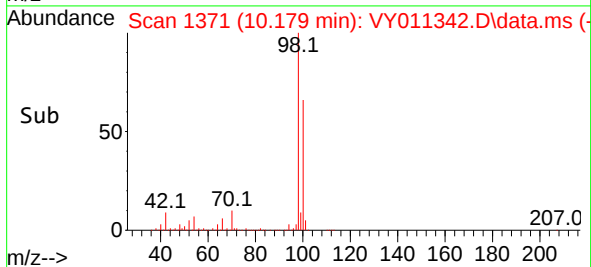
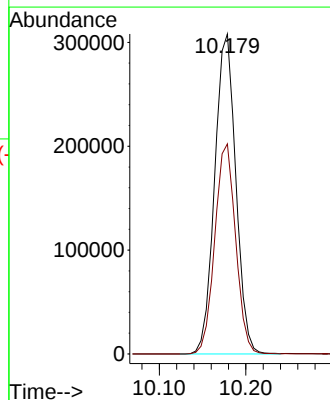
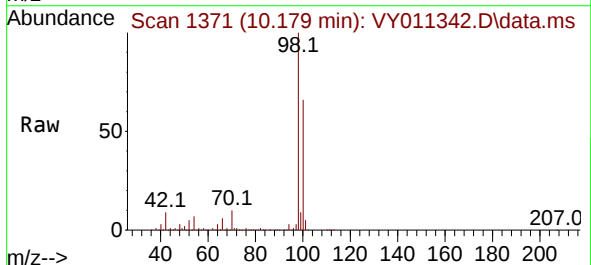
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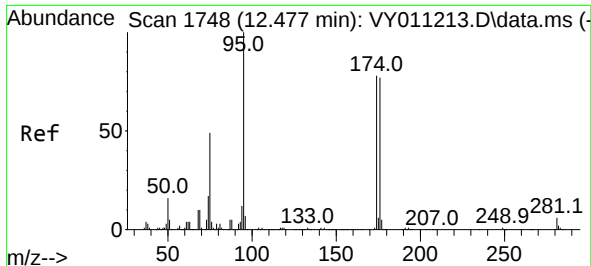
Tgt Ion:113 Resp: 152471
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 20.5 17.6 26.4



#50
Toluene-d8
Concen: 46.451 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011342.D
Acq: 07 Nov 2022 17:56

Tgt Ion: 98 Resp: 521931
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

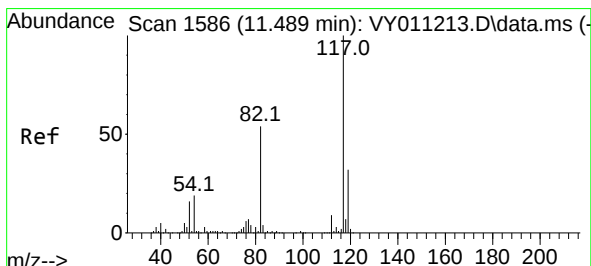
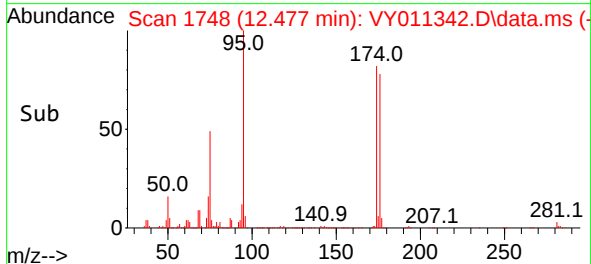
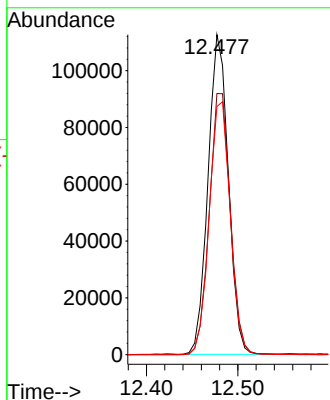
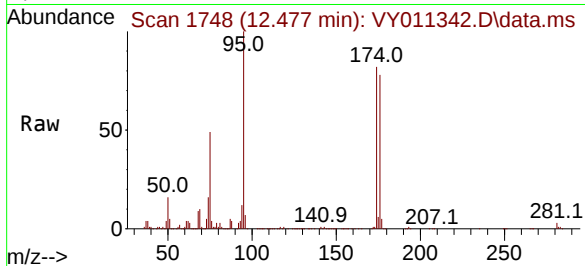




#62
4-Bromofluorobenzene
Concen: 44.555 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011342.D
Acq: 07 Nov 2022 17:56

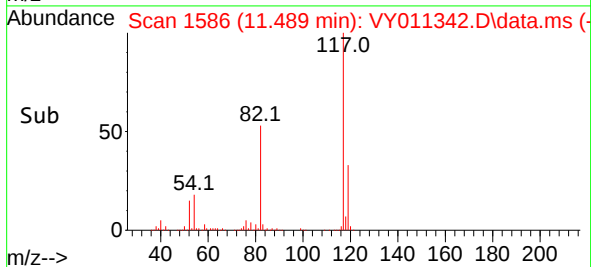
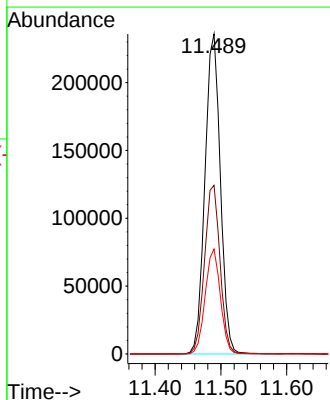
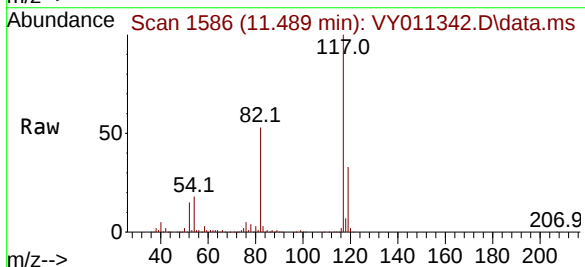
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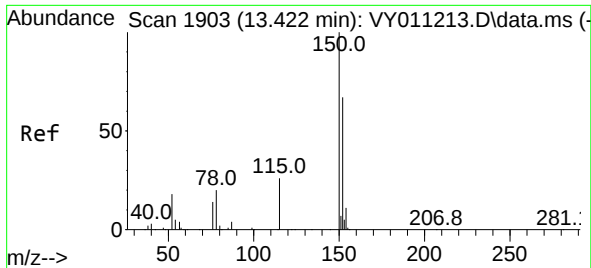
Tgt Ion: 95 Resp: 173795
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 81.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011342.D
Acq: 07 Nov 2022 17:56

Tgt Ion: 117 Resp: 384604
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 32.8 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: VY011342.D

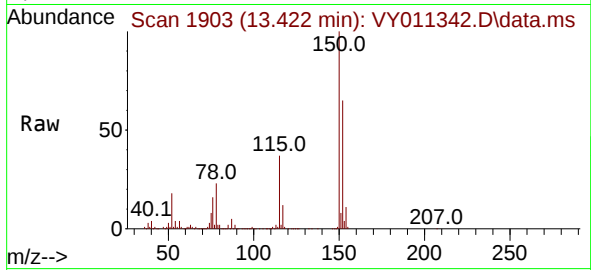
Acq: 07 Nov 2022 17:56

Instrument :

MSVOA_Y

ClientSampleId :

SB-16-20221028-10.5-11.5-A



Tgt Ion:152 Resp: 158829

Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

150 157.6 0.0 347.6

