

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
 Data File : VY011050.D
 Acq On : 21 Oct 2022 15:07
 Operator : KP/MD
 Sample : N5217-15
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-K1-3.5-4.0

Quant Time: Oct 22 01:23:25 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)

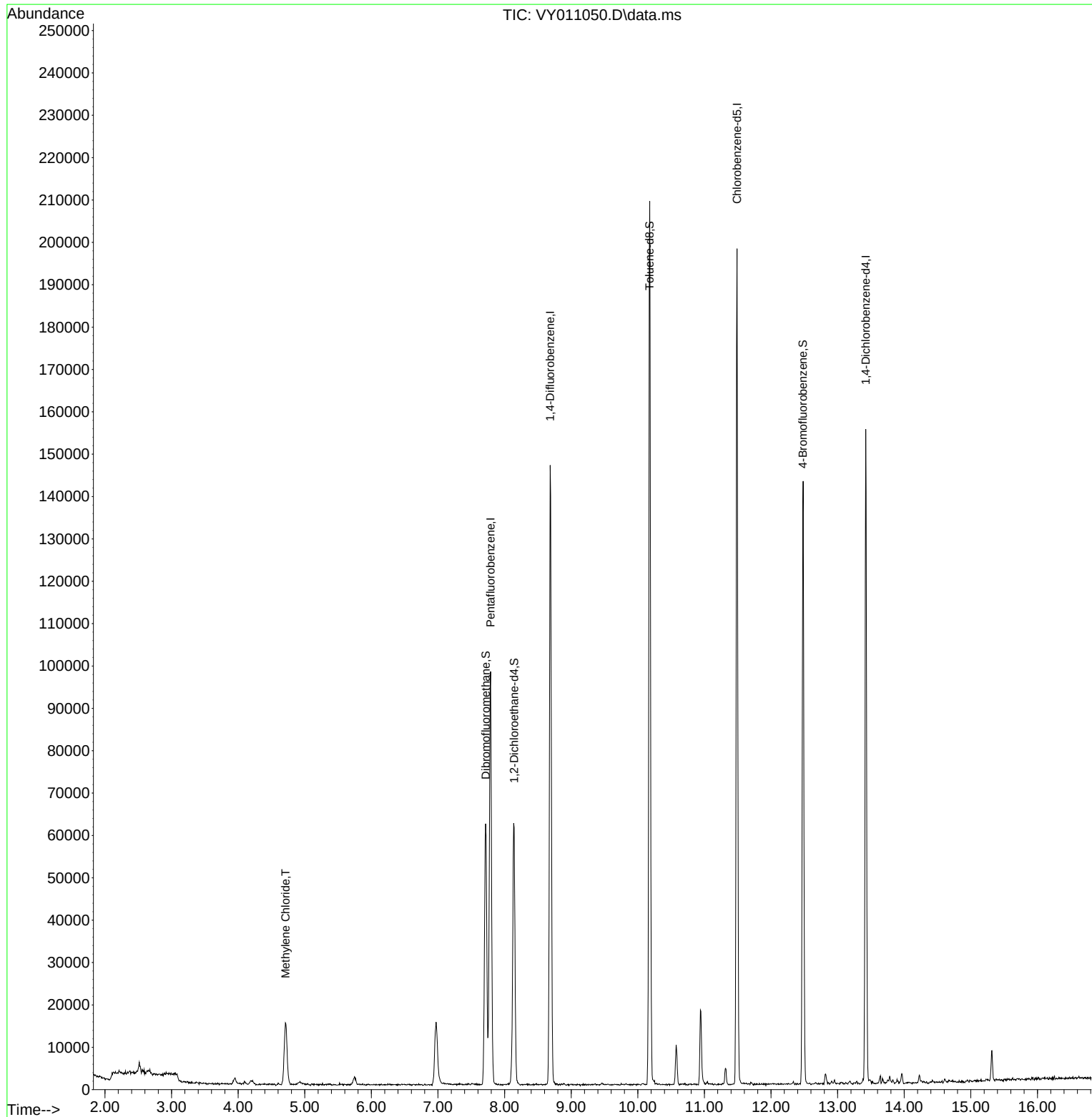
Internal Standards						
1) Pentafluorobenzene	7.789	168	76450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	126702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	108853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	40980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	47895	68.012	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.020%	
35) Dibromofluoromethane	7.716	113	45573	65.181	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 130.360%	
50) Toluene-d8	10.179	98	142213	53.756	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.520%	
62) 4-Bromofluorobenzene	12.477	95	42661	45.230	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.460%	
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	11330	7.321	ug/l	86

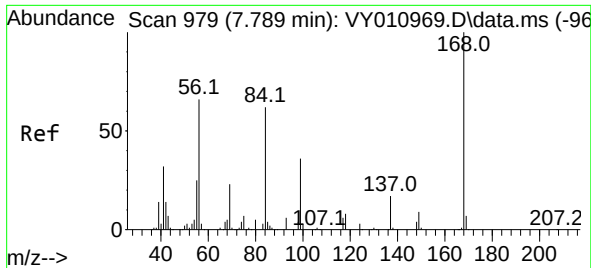
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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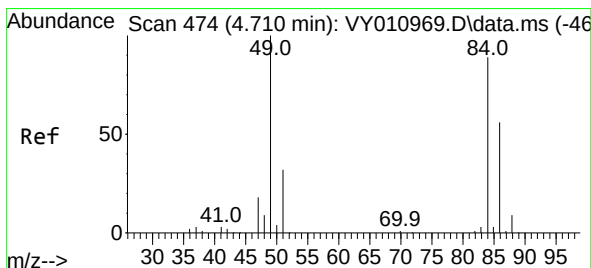
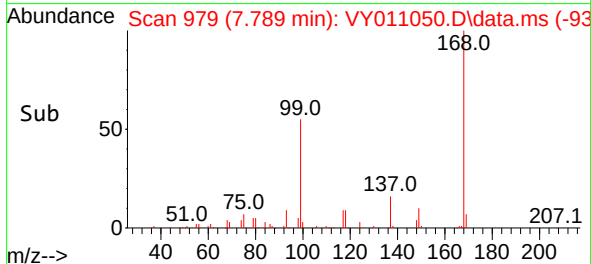
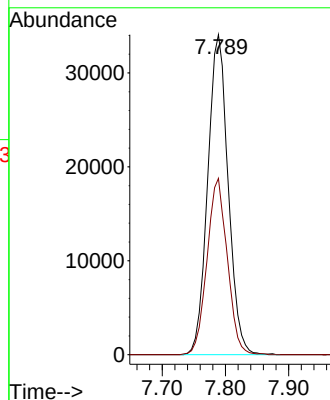
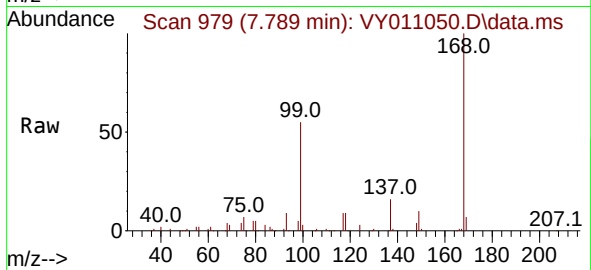




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011050.D
Acq: 21 Oct 2022 15:07

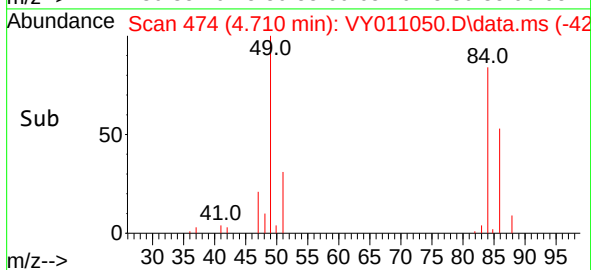
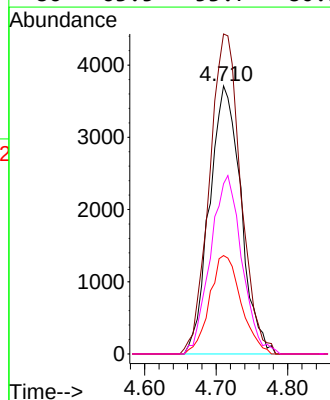
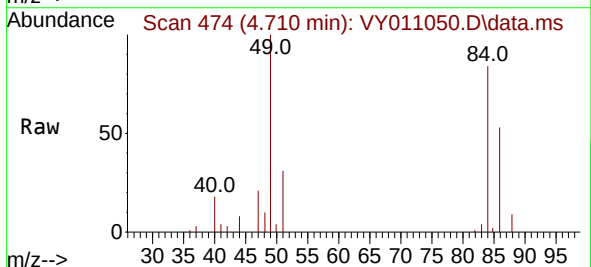
Instrument :
MSVOA_Y
ClientSampleId :
SB-K1-3.5-4.0

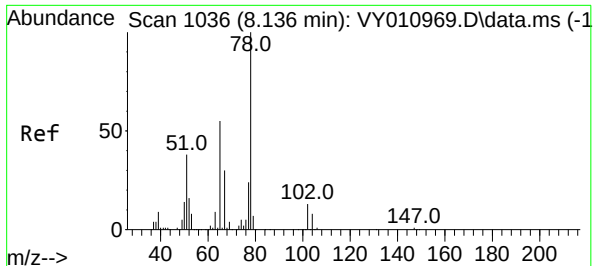
Tgt Ion:168 Resp: 76450
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#20
Methylene Chloride
Concen: 7.321 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011050.D
Acq: 21 Oct 2022 15:07

Tgt Ion: 84 Resp: 11330
Ion Ratio Lower Upper
84 100
49 119.4 114.4 171.6
51 36.7 35.3 52.9
86 63.5 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 68.012 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.007 min

Lab File: VY011050.D

Acq: 21 Oct 2022 15:07

Instrument :

MSVOA_Y

ClientSampleId :

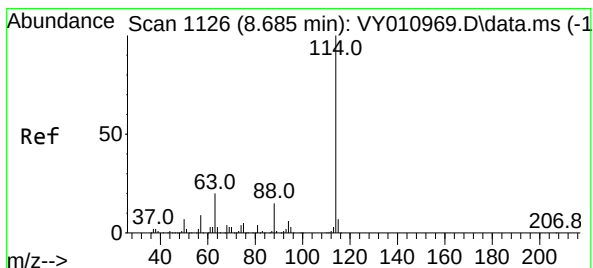
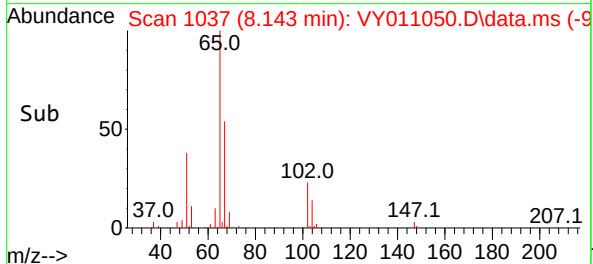
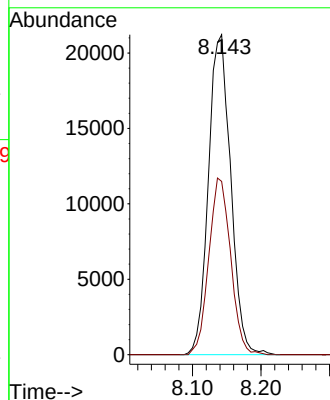
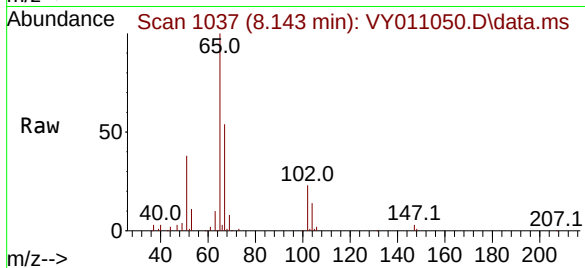
SB-K1-3.5-4.0

Tgt Ion: 65 Resp: 47895

Ion Ratio Lower Upper

65 100

67 54.1 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: VY011050.D

Acq: 21 Oct 2022 15:07

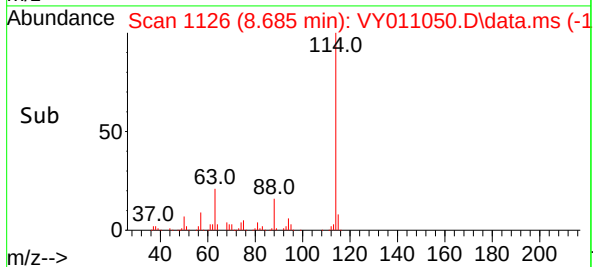
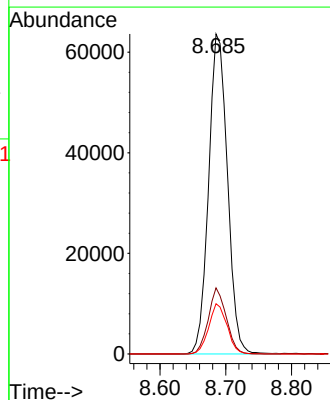
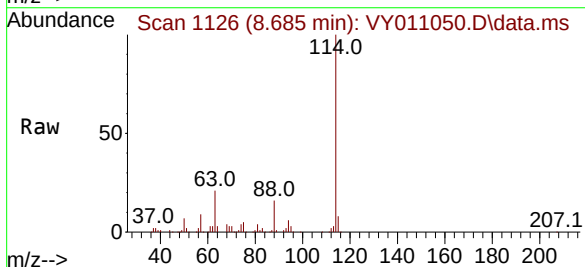
Tgt Ion:114 Resp: 126702

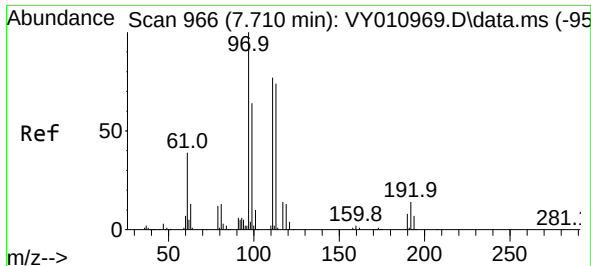
Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

88 15.7 0.0 31.8

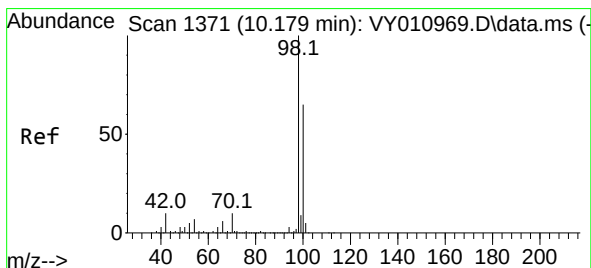
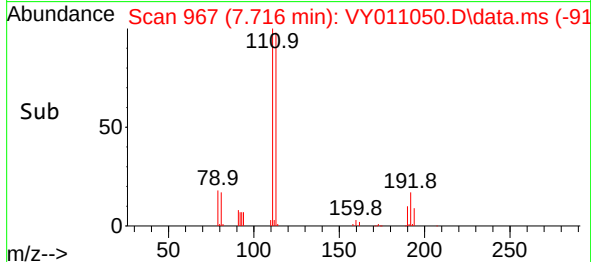
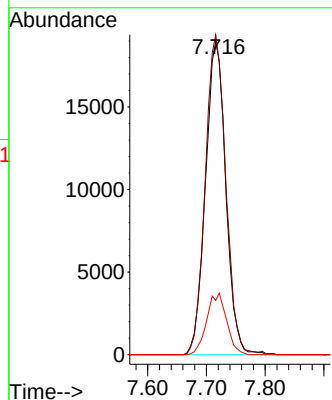
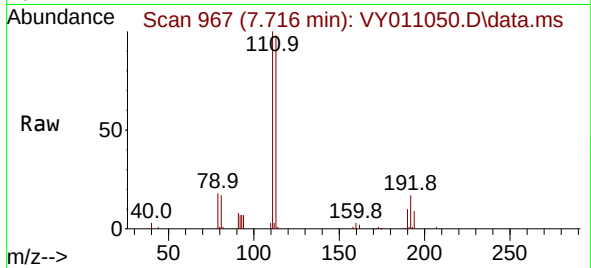




#35
Dibromofluoromethane
Concen: 65.181 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011050.D
Acq: 21 Oct 2022 15:07

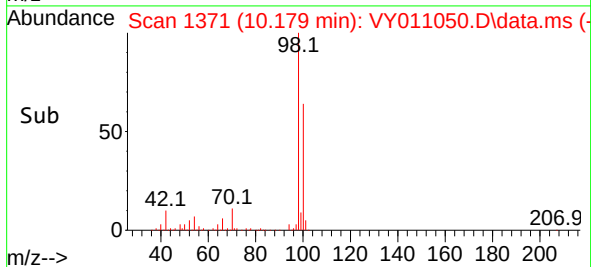
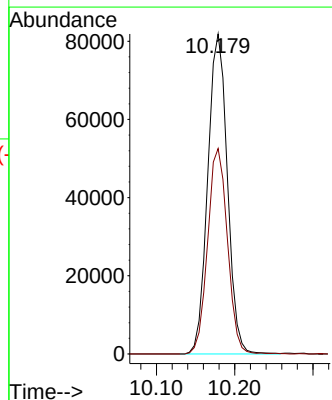
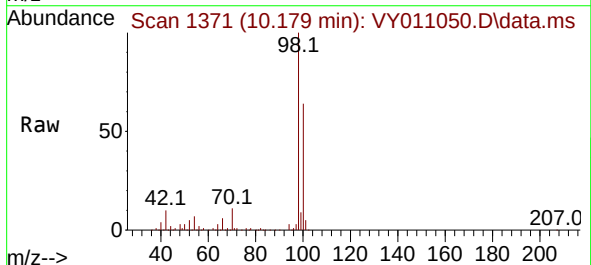
Instrument :
MSVOA_Y
ClientSampleId :
SB-K1-3.5-4.0

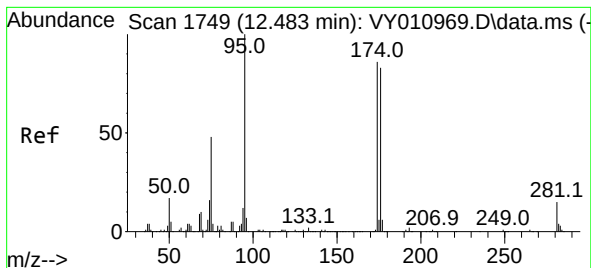
Tgt Ion:113 Resp: 45573
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 19.2 17.6 26.4



#50
Toluene-d8
Concen: 53.756 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011050.D
Acq: 21 Oct 2022 15:07

Tgt Ion: 98 Resp: 142213
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

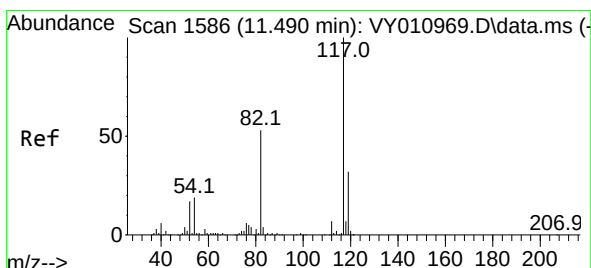
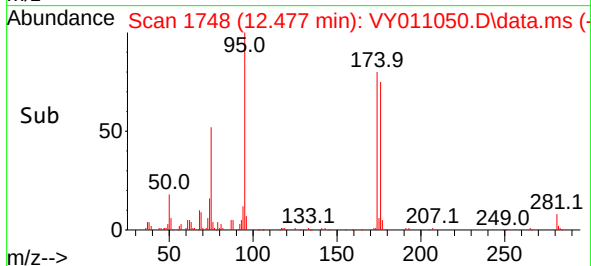
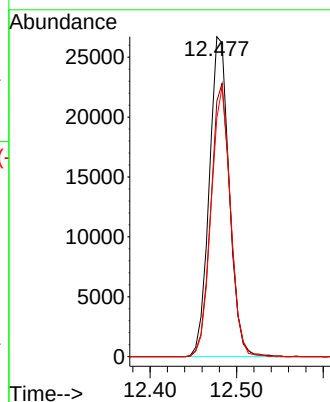
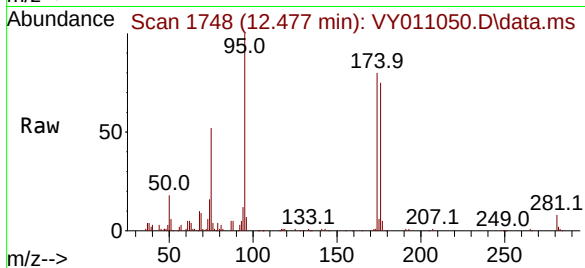




#62
4-Bromofluorobenzene
Concen: 45.230 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011050.D
Acq: 21 Oct 2022 15:07

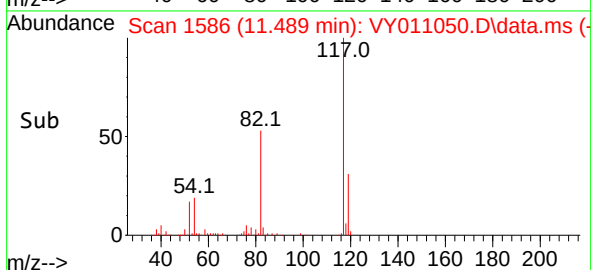
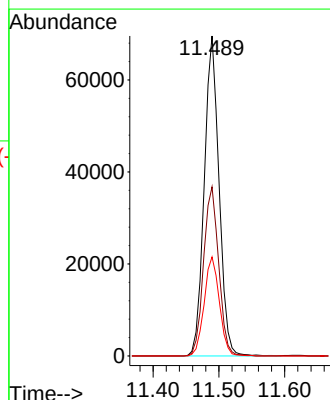
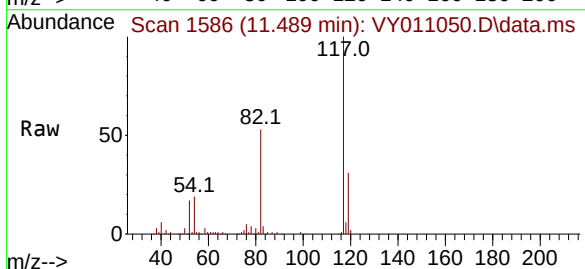
Instrument :
MSVOA_Y
ClientSampleId :
SB-K1-3.5-4.0

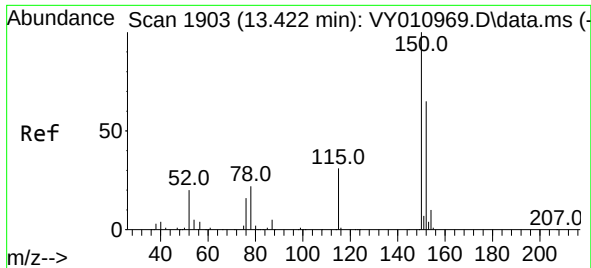
Tgt Ion: 95 Resp: 42661
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 81.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011050.D
Acq: 21 Oct 2022 15:07

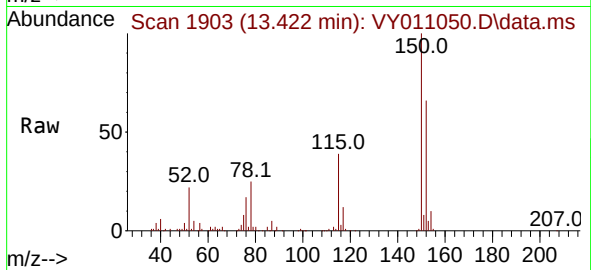
Tgt Ion: 117 Resp: 108853
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 30.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011050.D
 Acq: 21 Oct 2022 15:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-K1-3.5-4.0



Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.2	84.7
150	157.3	0.0	347.6

