

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011424.D
 Acq On : 11 Nov 2022 17:18
 Operator : KP/MD
 Sample : N5530-09
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09

Quant Time: Nov 11 17:40:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

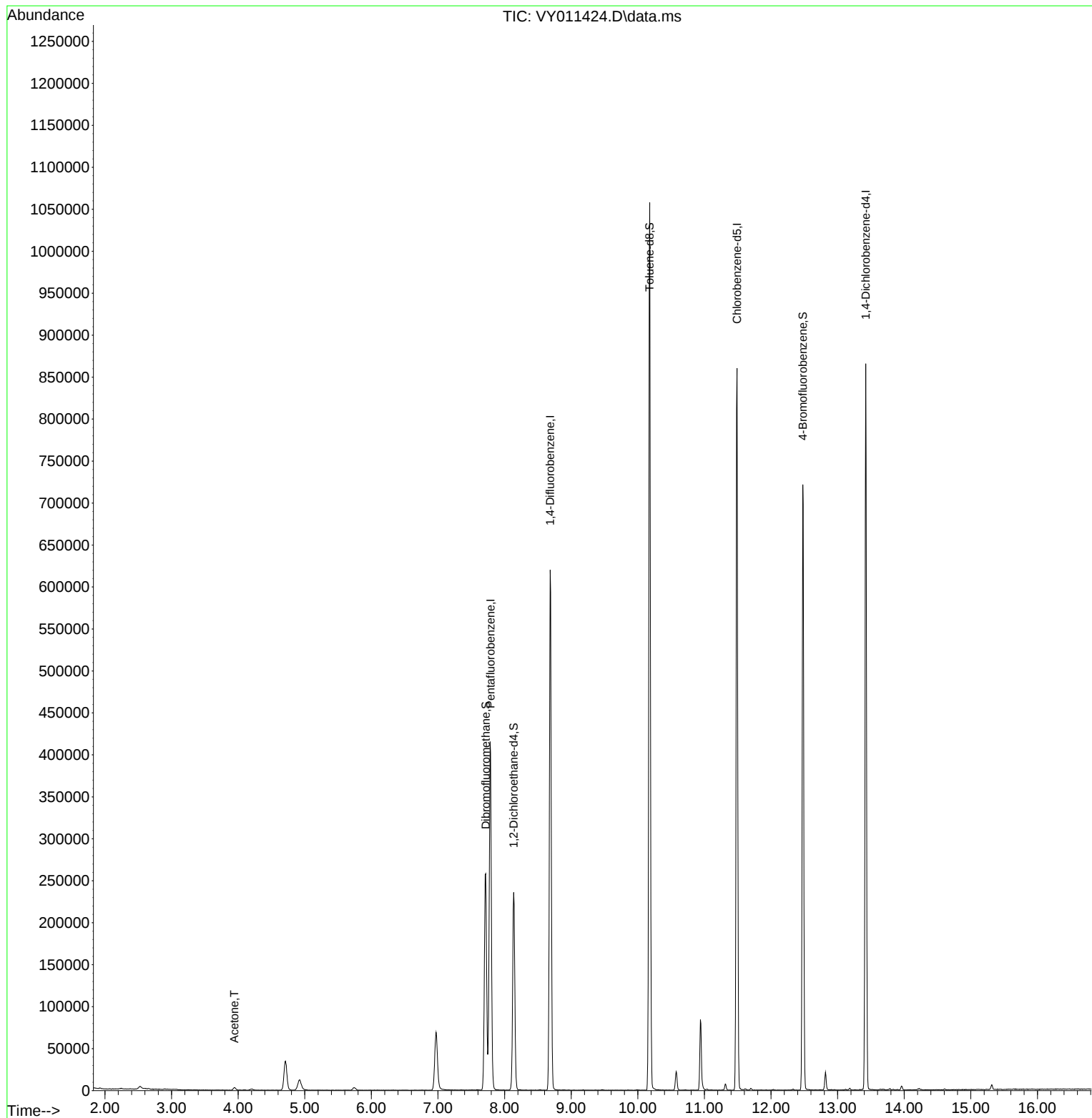
Internal Standards						
1) Pentafluorobenzene	7.789	168	331344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	554102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	500103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	232056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	183768	66.185	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.380%	
35) Dibromofluoromethane	7.716	113	188117	60.579	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.160%	
50) Toluene-d8	10.179	98	707755	59.660	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 119.320%	
62) 4-Bromofluorobenzene	12.477	95	226854	54.825	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.640%	
Target Compounds						
16) Acetone	3.942	43	5403	7.374	ug/l	Qvalue # 69

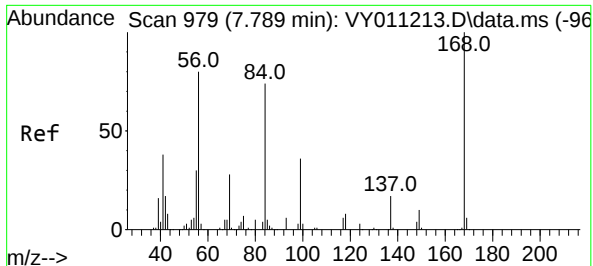
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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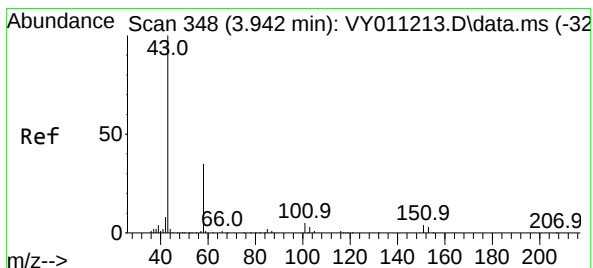
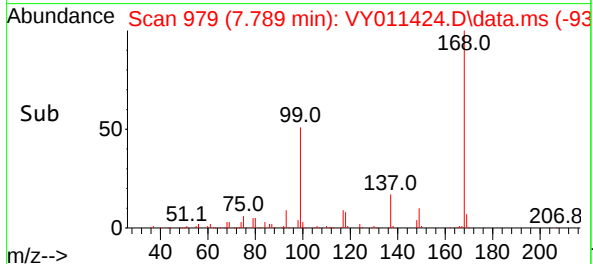
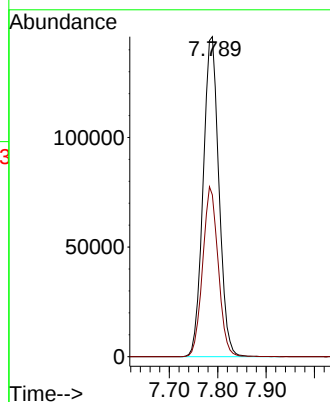
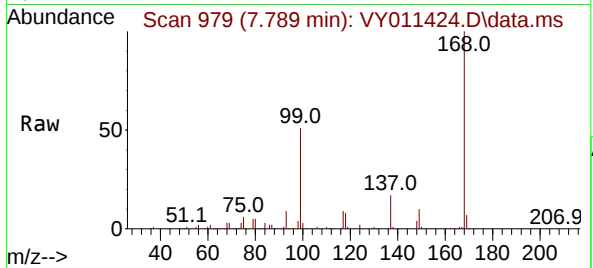




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011424.D
Acq: 11 Nov 2022 17:18

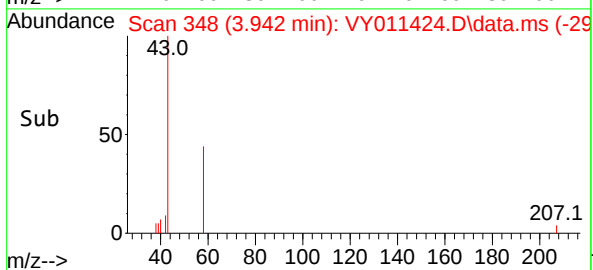
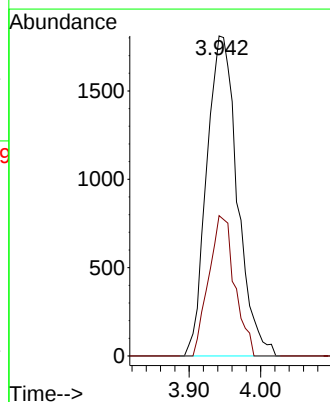
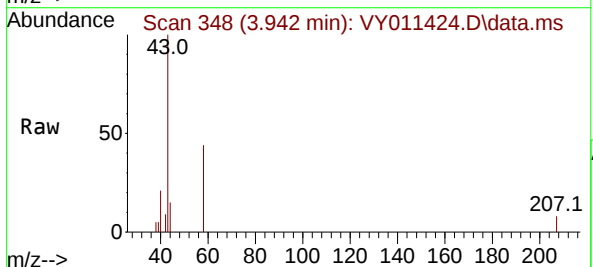
Instrument :
MSVOA_Y
ClientSampleId :
SB-09

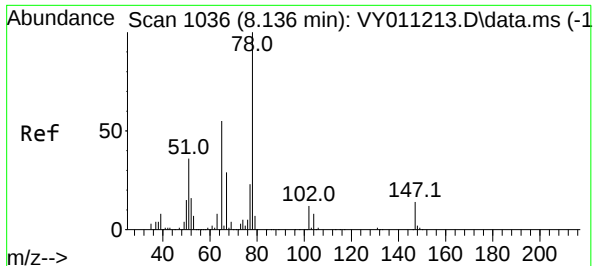
Tgt Ion:168 Resp: 331344
Ion Ratio Lower Upper
168 100
99 50.6 46.9 70.3



#16
Acetone
Concen: 7.374 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY011424.D
Acq: 11 Nov 2022 17:18

Tgt Ion: 43 Resp: 5403
Ion Ratio Lower Upper
43 100
58 43.8 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 66.185 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011424.D

Acq: 11 Nov 2022 17:18

Instrument :

MSVOA_Y

ClientSampleId :

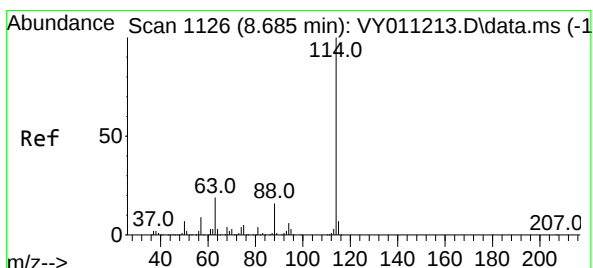
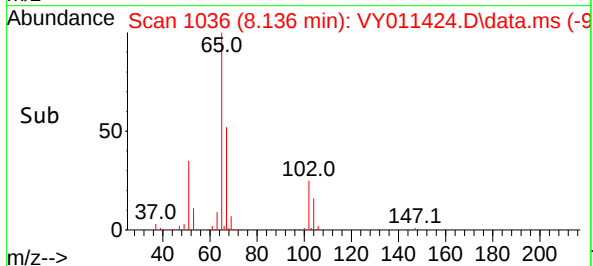
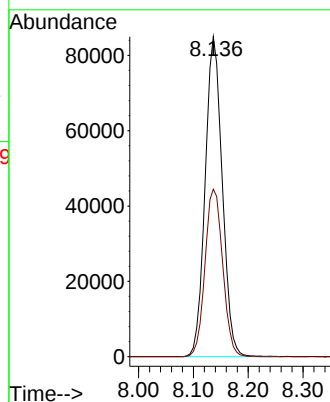
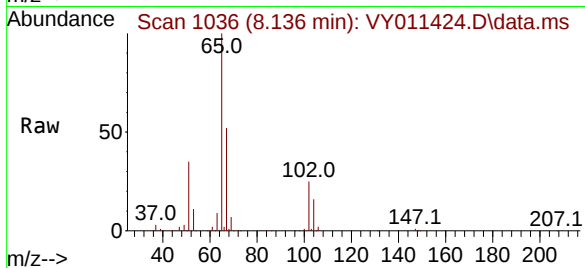
SB-09

Tgt Ion: 65 Resp: 183768

Ion Ratio Lower Upper

65 100

67 54.0 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: VY011424.D

Acq: 11 Nov 2022 17:18

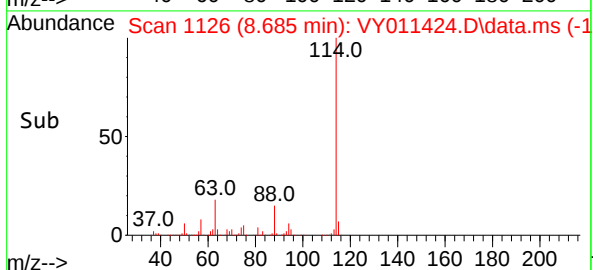
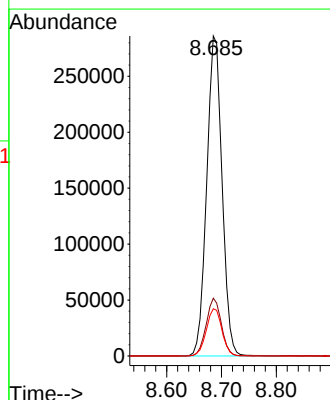
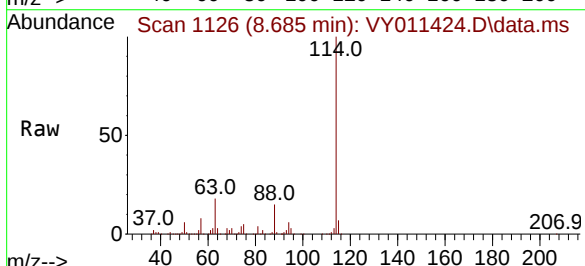
Tgt Ion: 114 Resp: 554102

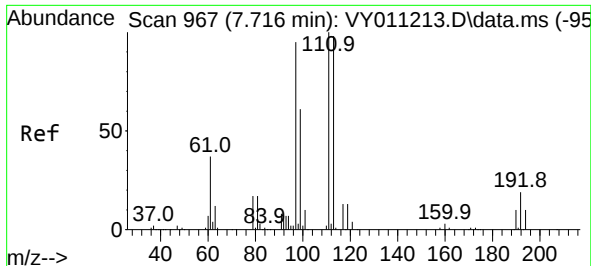
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.7 0.0 31.8

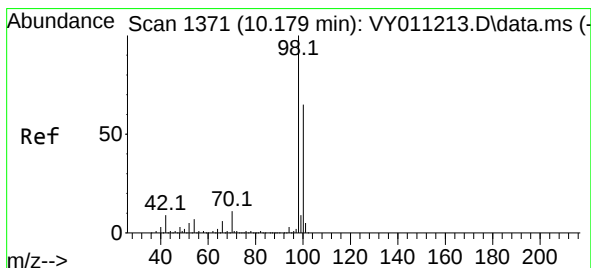
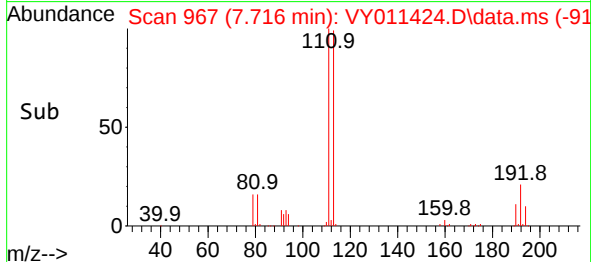
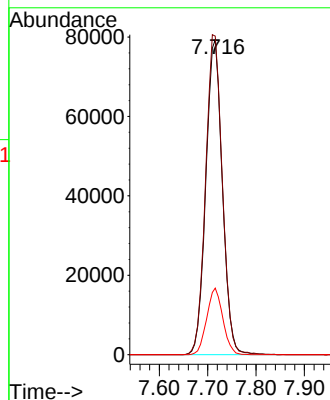
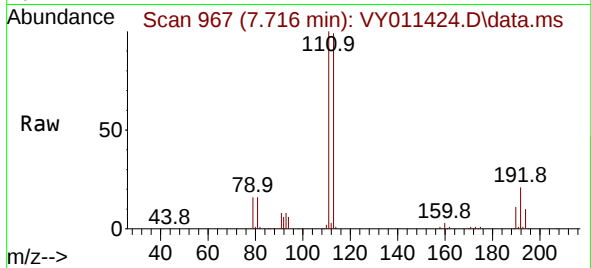




#35
Dibromofluoromethane
Concen: 60.579 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011424.D
Acq: 11 Nov 2022 17:18

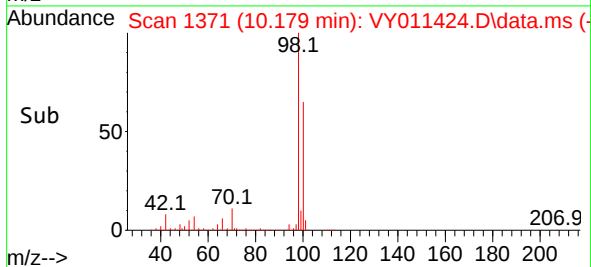
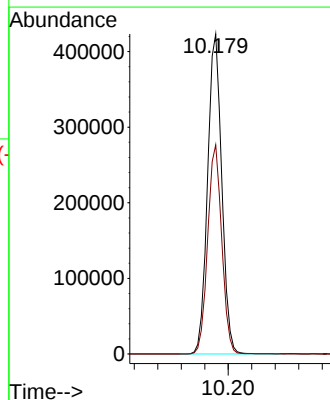
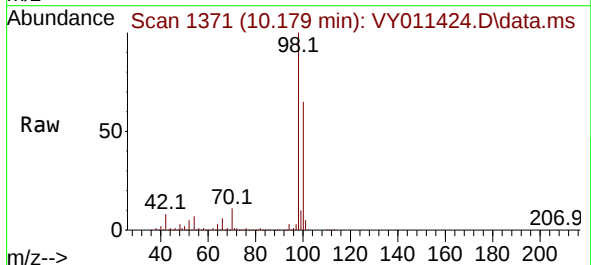
Instrument :
MSVOA_Y
ClientSampleId :
SB-09

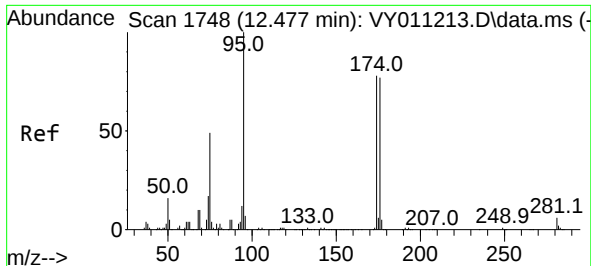
Tgt Ion:113 Resp: 188117
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 20.6 17.6 26.4



#50
Toluene-d8
Concen: 59.660 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011424.D
Acq: 11 Nov 2022 17:18

Tgt Ion: 98 Resp: 707755
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

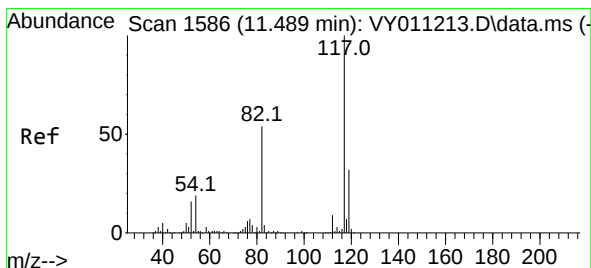
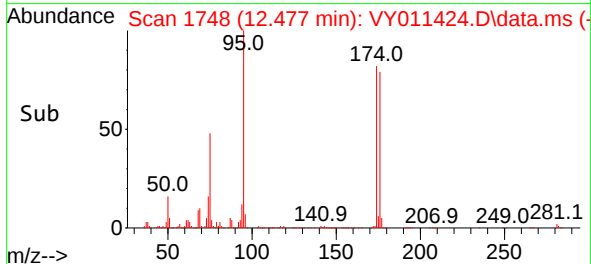
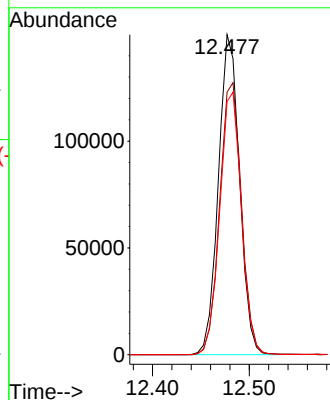
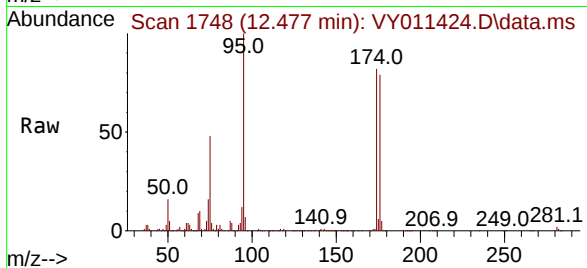




#62
4-Bromofluorobenzene
Concen: 54.825 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011424.D
Acq: 11 Nov 2022 17:18

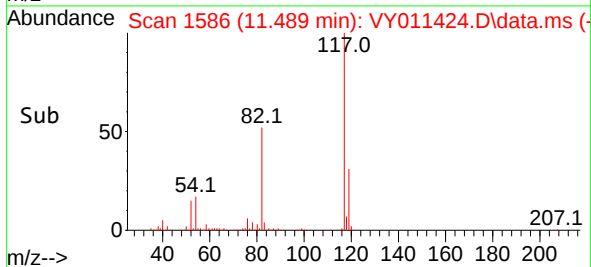
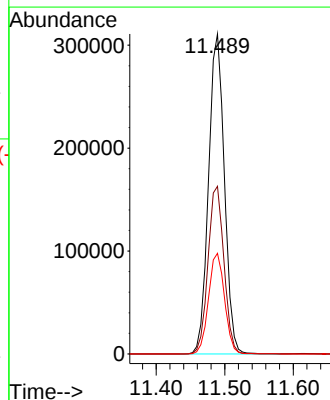
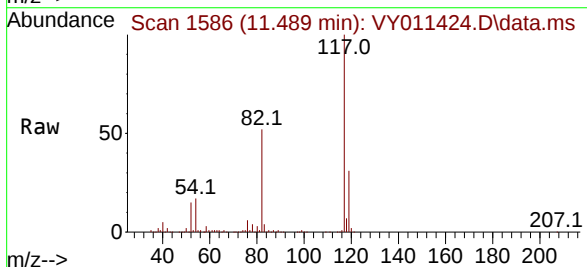
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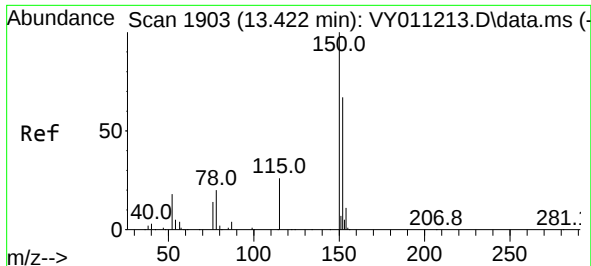
Tgt Ion: 95 Resp: 226854
Ion Ratio Lower Upper
95 100
174 88.0 0.0 177.0
176 84.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011424.D
Acq: 11 Nov 2022 17:18

Tgt Ion: 117 Resp: 500103
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 31.4 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: VY011424.D

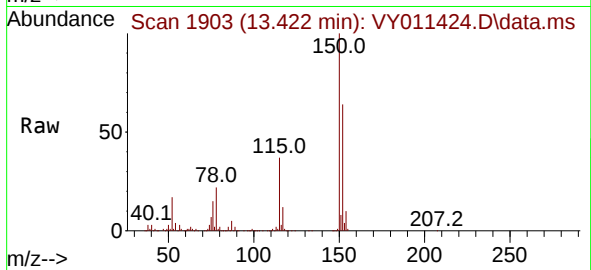
Acq: 11 Nov 2022 17:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-09



Tgt Ion:152 Resp: 232056

Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

150 156.1 0.0 347.6

