

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102324\
 Data File : VY019992.D
 Acq On : 23 Oct 2024 14:22
 Operator : SY/MD
 Sample : P4487-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-B5

Quant Time: Oct 23 23:08:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

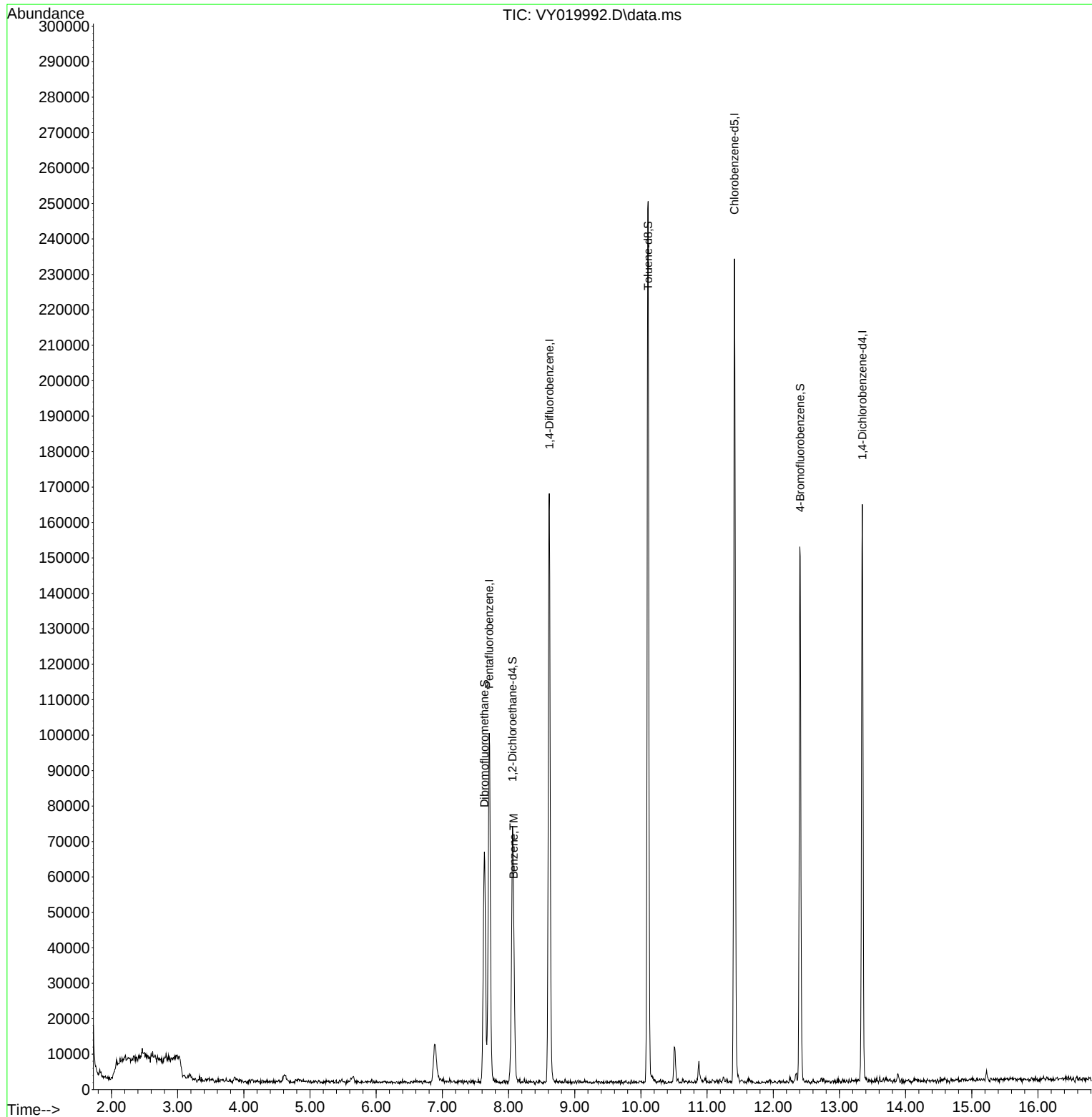
Internal Standards						
1) Pentafluorobenzene	7.707	168	66213	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	132562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	115627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	36164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	50544	61.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.000%	
35) Dibromofluoromethane	7.634	113	45393	51.892	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.780%	
50) Toluene-d8	10.109	98	157018	48.607	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.220%	
62) 4-Bromofluorobenzene	12.408	95	45884	39.310	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 78.620%	
Target Compounds						
40) Benzene	8.079	78	11686	3.064	ug/l	Qvalue 97

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

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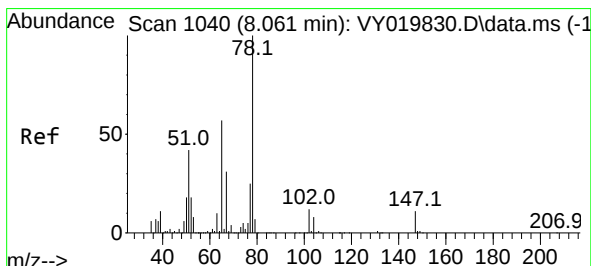
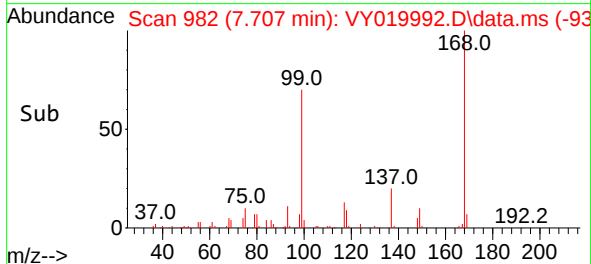
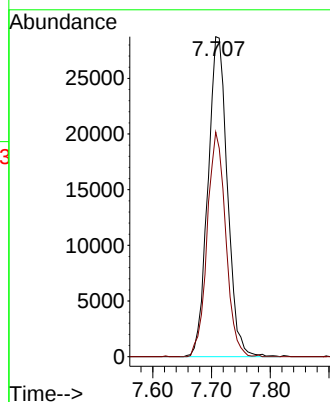
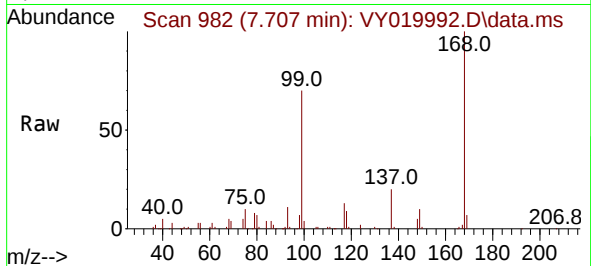




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019992.D
Acq: 23 Oct 2024 14:22

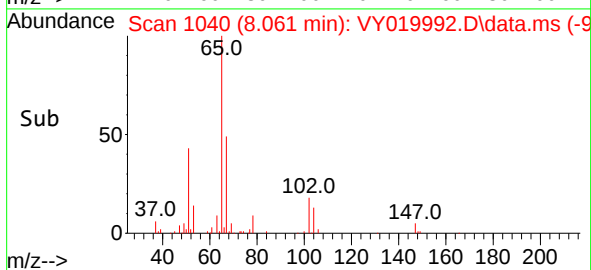
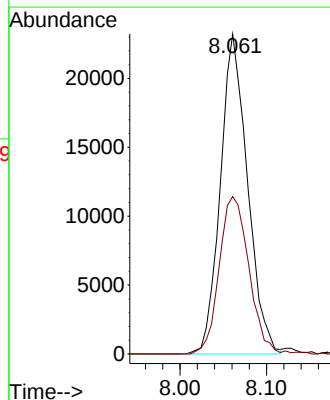
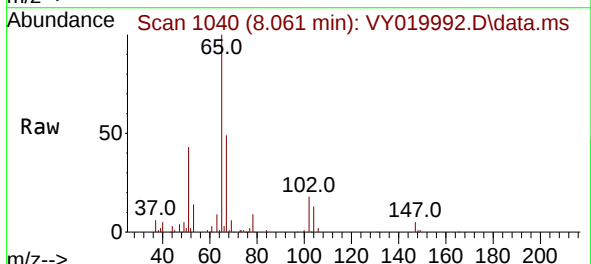
Instrument :
MSVOA_Y
ClientSampleId :
BP-B5

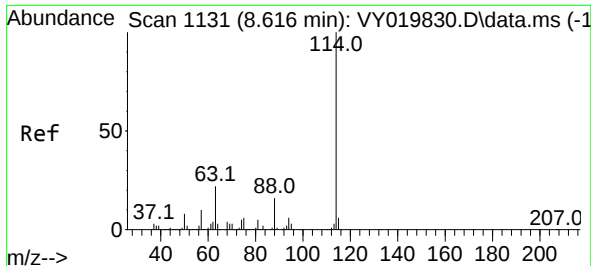
Tgt Ion:168 Resp: 66213
Ion Ratio Lower Upper
168 100
99 70.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 61.996 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019992.D
Acq: 23 Oct 2024 14:22

Tgt Ion: 65 Resp: 50544
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019992.D

Acq: 23 Oct 2024 14:22

Instrument :

MSVOA_Y

ClientSampleId :

BP-B5

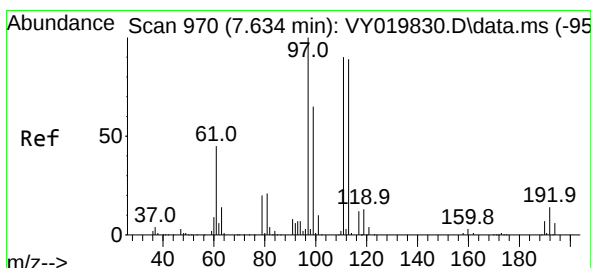
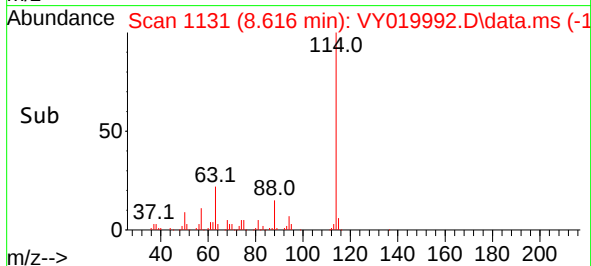
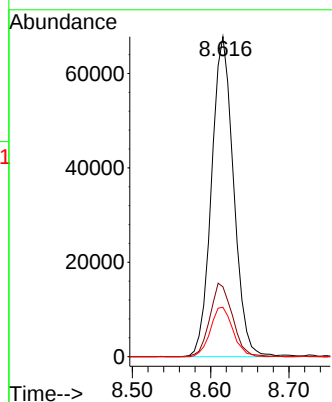
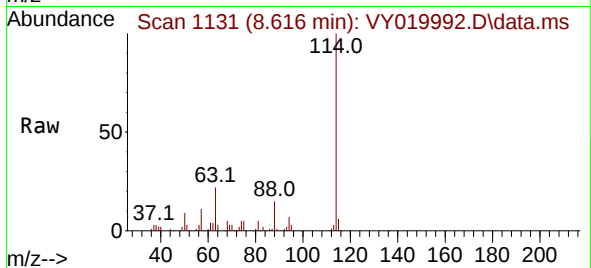
Tgt Ion:114 Resp: 132562

Ion Ratio Lower Upper

114 100

63 21.9 0.0 35.0

88 15.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.892 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019992.D

Acq: 23 Oct 2024 14:22

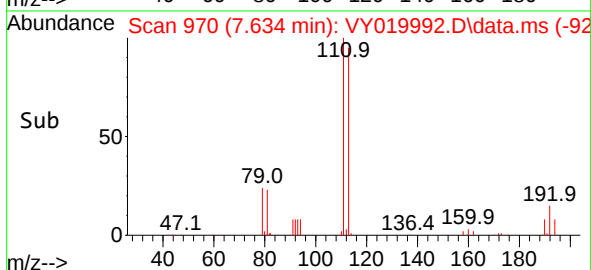
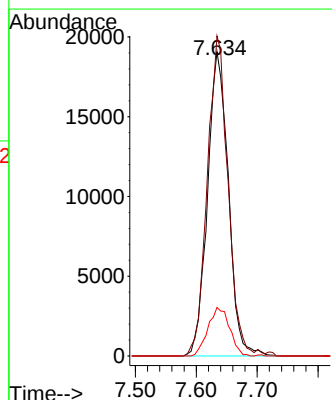
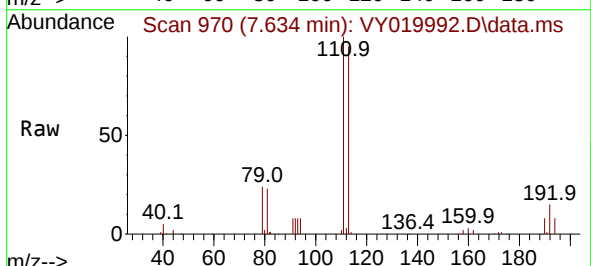
Tgt Ion:113 Resp: 45393

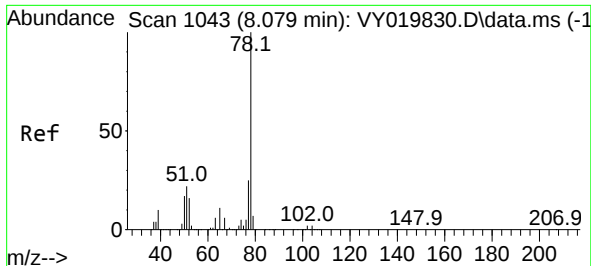
Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

192 16.5 15.9 23.9

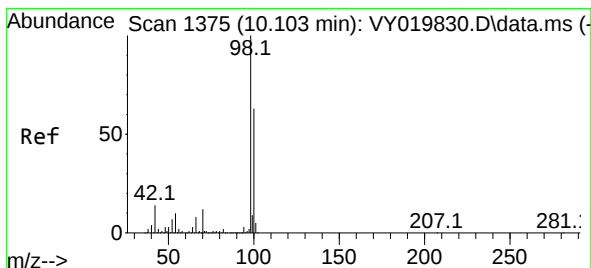
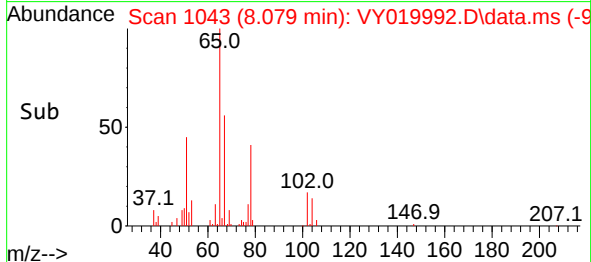
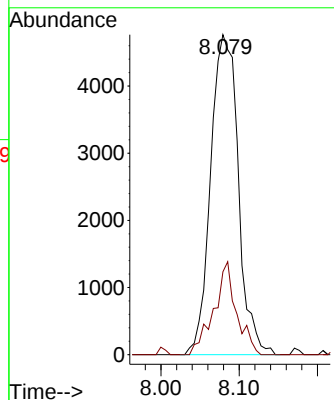
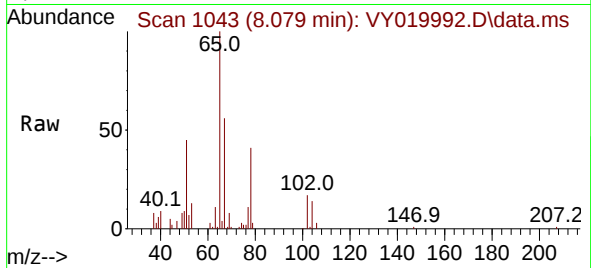




#40
Benzene
Concen: 3.064 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY019992.D
Acq: 23 Oct 2024 14:22

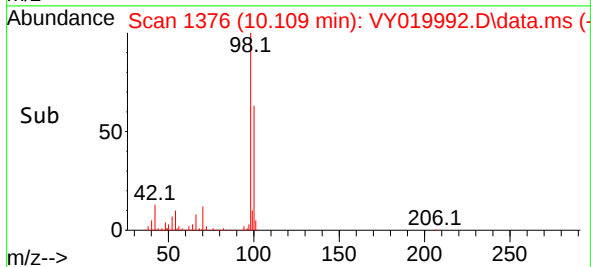
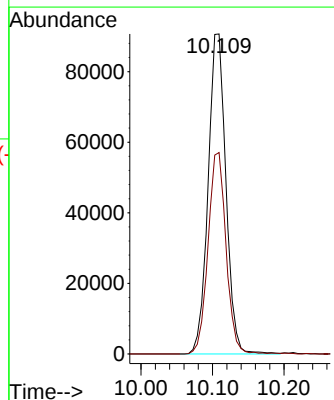
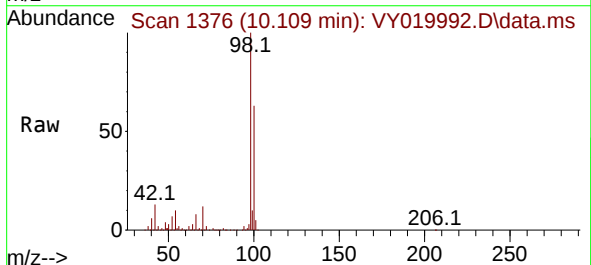
Instrument :
MSVOA_Y
ClientSampleId :
BP-B5

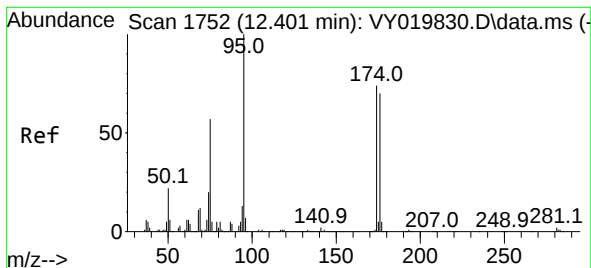
Tgt Ion: 78 Resp: 11686
Ion Ratio Lower Upper
78 100
77 25.9 19.5 29.3



#50
Toluene-d8
Concen: 48.607 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019992.D
Acq: 23 Oct 2024 14:22

Tgt Ion: 98 Resp: 157018
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

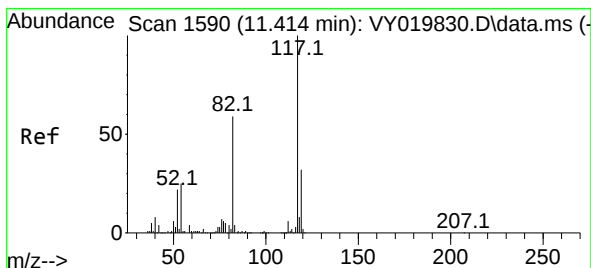
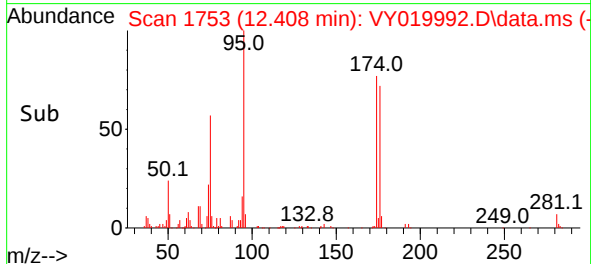
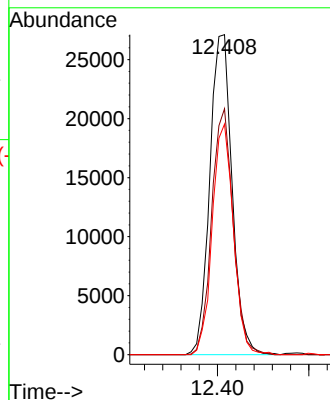
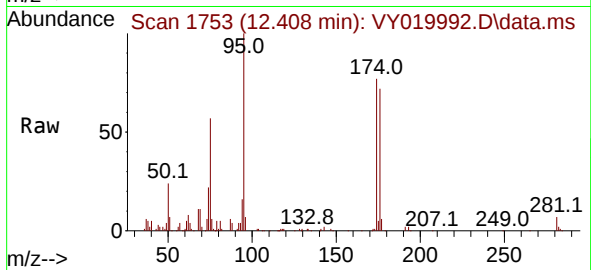




#62
4-Bromofluorobenzene
Concen: 39.310 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019992.D
Acq: 23 Oct 2024 14:22

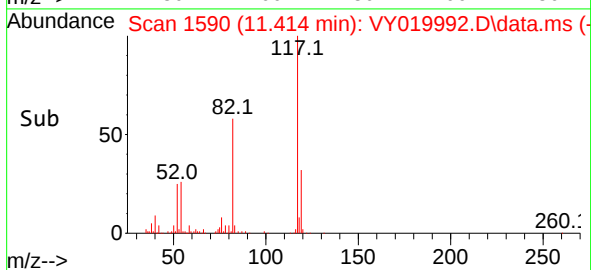
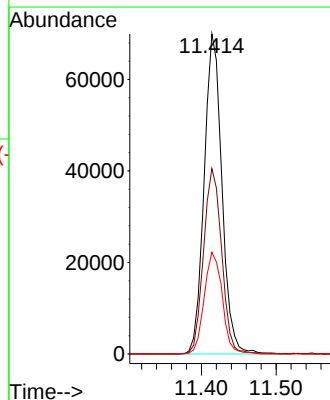
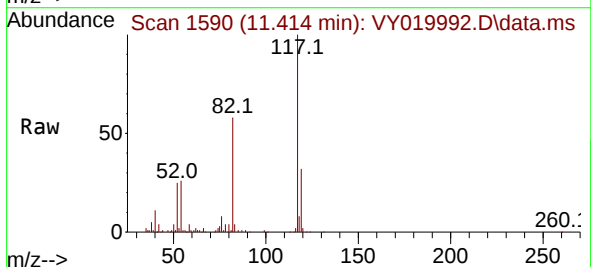
Instrument :
MSVOA_Y
ClientSampleId :
BP-B5

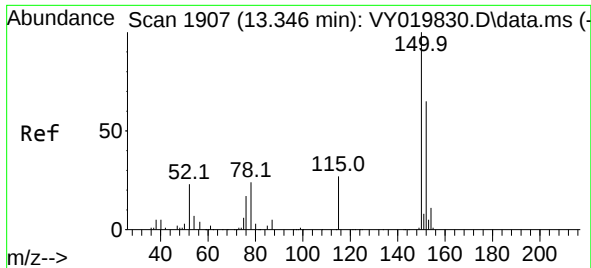
Tgt Ion: 95 Resp: 45884
Ion Ratio Lower Upper
95 100
174 74.1 0.0 175.6
176 68.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019992.D
Acq: 23 Oct 2024 14:22

Tgt Ion: 117 Resp: 115627
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 31.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019992.D

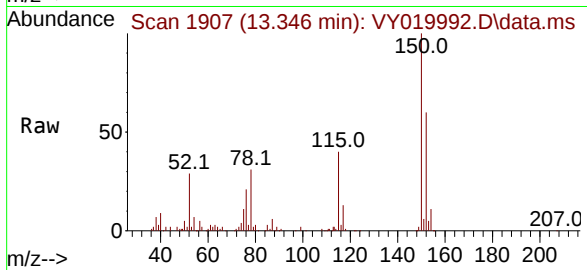
Acq: 23 Oct 2024 14:22

Instrument :

MSVOA_Y

ClientSampleId :

BP-B5



Tgt Ion:152 Resp: 36164

Ion Ratio Lower Upper

152 100

115 63.3 28.2 84.7

150 162.6 0.0 345.6

