

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014981.D
 Acq On : 08 Aug 2023 13:37
 Operator : SY/MD
 Sample : 03917-04RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP05BRE

Quant Time: Aug 08 15:52:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

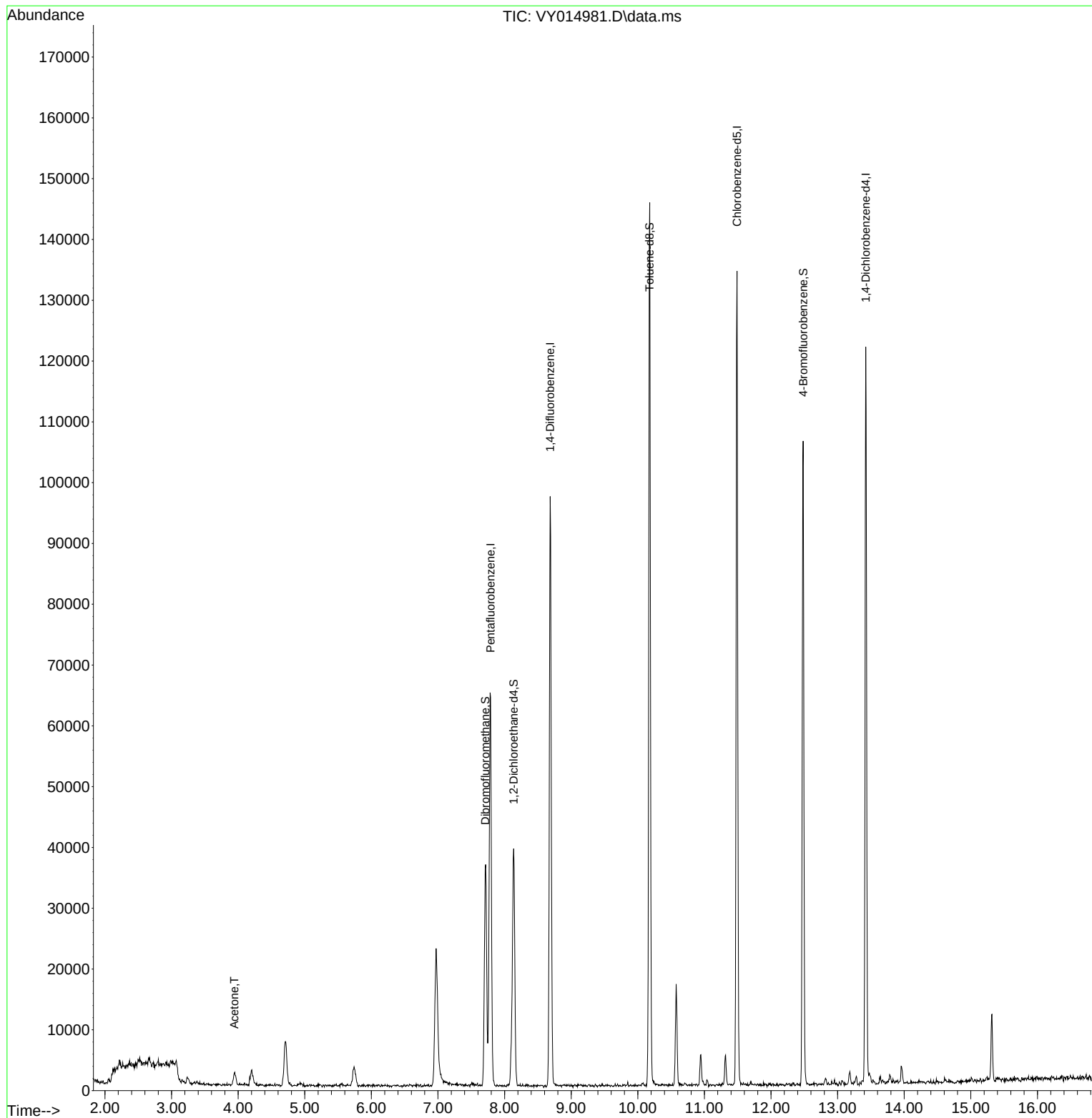
Internal Standards						
1) Pentafluorobenzene	7.789	168	50792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	84109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	73495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	31778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	28421	46.167	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.340%
35) Dibromofluoromethane	7.710	113	26164	48.645	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.280%
50) Toluene-d8	10.179	98	94628	46.223	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.440%
62) 4-Bromofluorobenzene	12.483	95	31161	42.947	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.900%
Target Compounds						
16) Acetone	3.942	43	3348	17.440	ug/l	Qvalue # 83

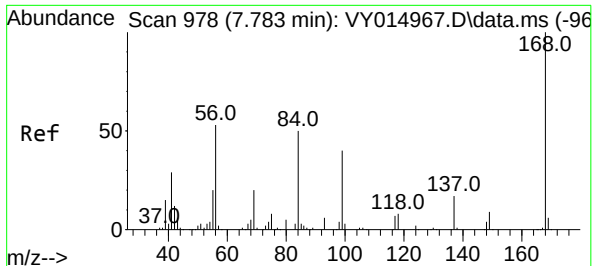
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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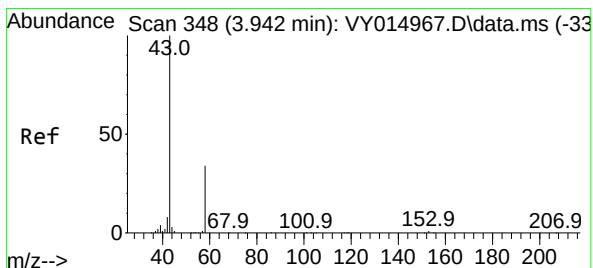
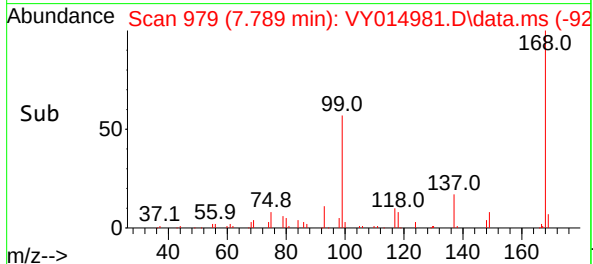
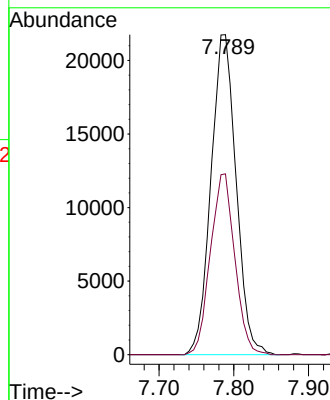
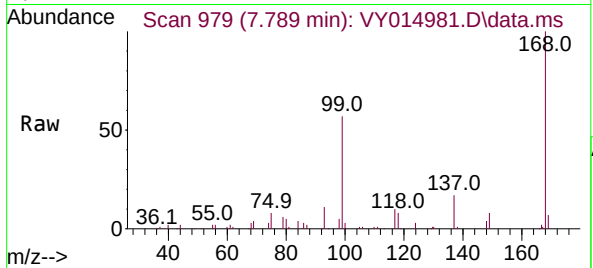




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014981.D
Acq: 08 Aug 2023 13:37

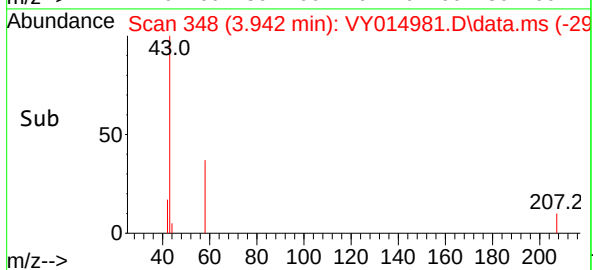
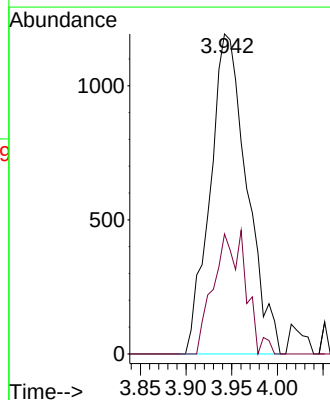
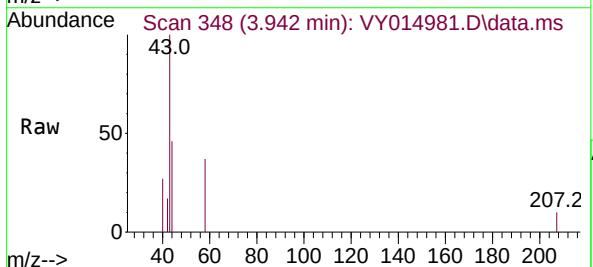
Instrument :
MSVOA_Y
ClientSampleId :
B-PP05BRE

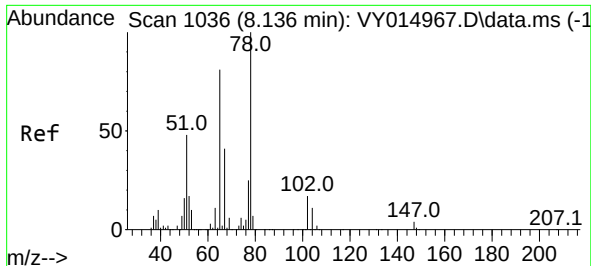
Tgt Ion:168 Resp: 50792
Ion Ratio Lower Upper
168 100
99 56.5 43.4 65.0



#16
Acetone
Concen: 17.440 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014981.D
Acq: 08 Aug 2023 13:37

Tgt Ion: 43 Resp: 3348
Ion Ratio Lower Upper
43 100
58 37.5 22.7 34.1#

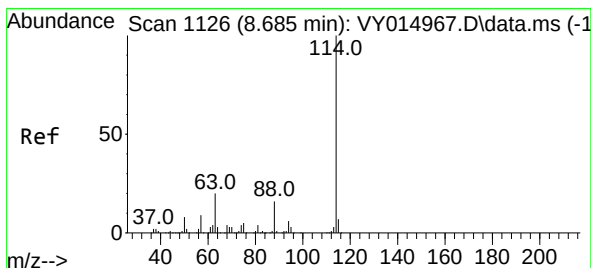
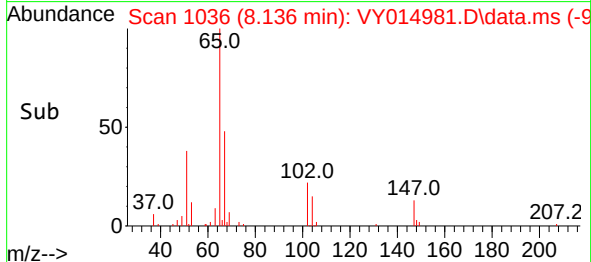
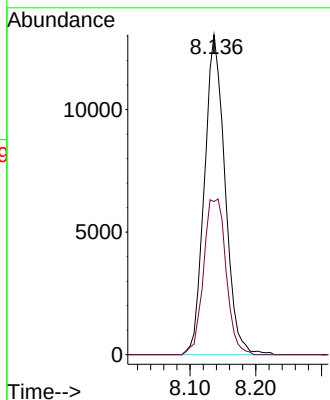
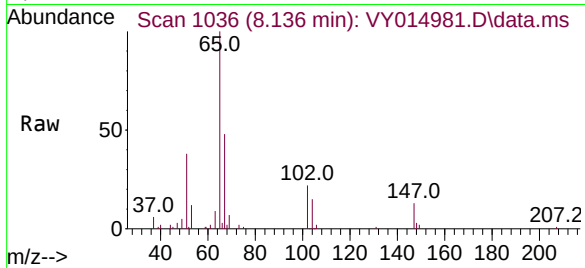




#33
 1,2-Dichloroethane-d4
 Concen: 46.167 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY014981.D
 Acq: 08 Aug 2023 13:37

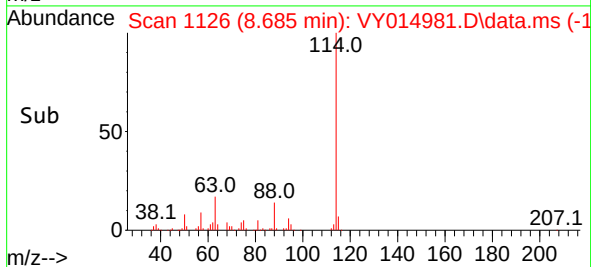
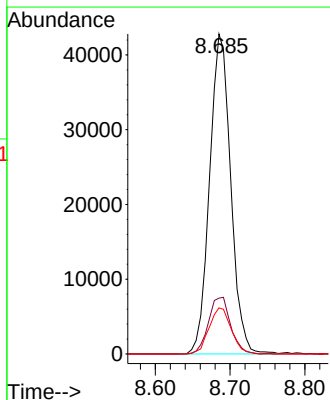
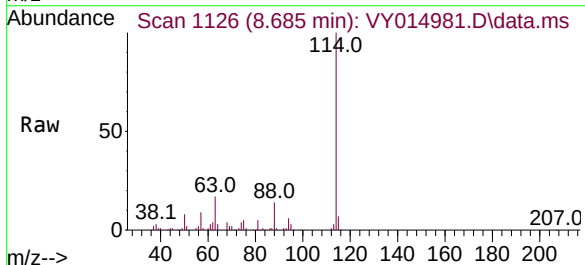
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP05BRE

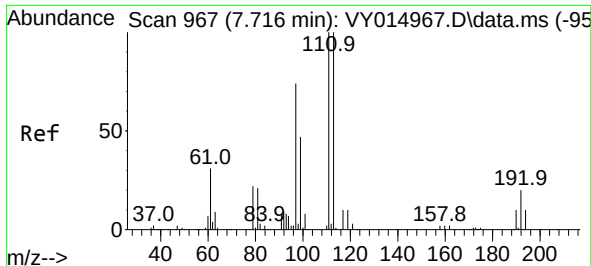
Tgt Ion: 65 Resp: 28421
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014981.D
 Acq: 08 Aug 2023 13:37

Tgt Ion:114 Resp: 84109
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 42.4
 88 14.4 0.0 30.6

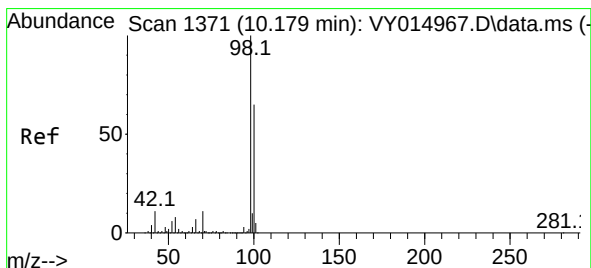
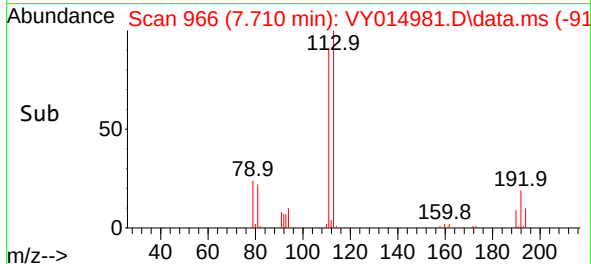
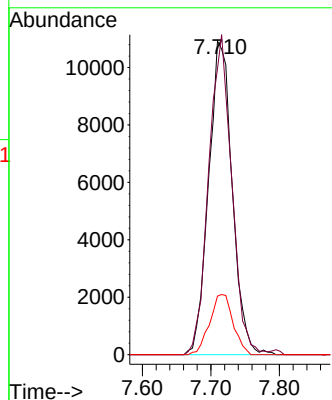
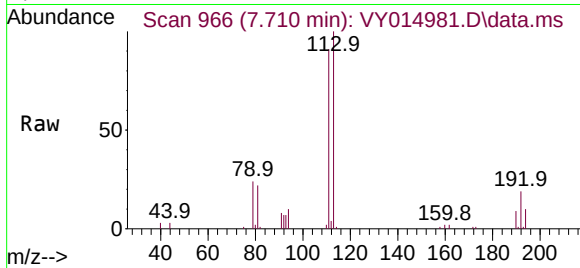




#35
 Dibromofluoromethane
 Concen: 48.645 ug/l
 RT: 7.710 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY014981.D
 Acq: 08 Aug 2023 13:37

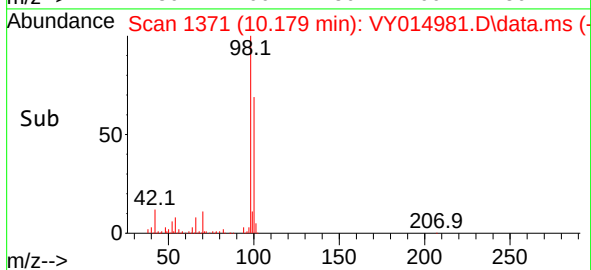
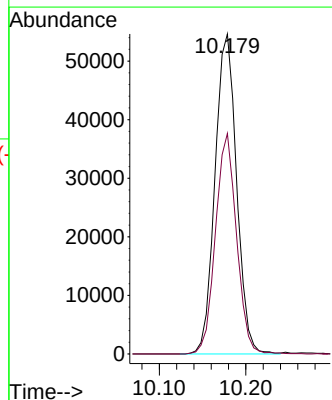
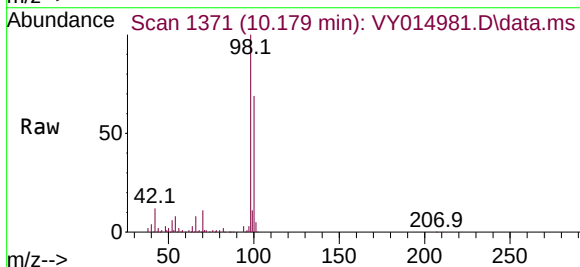
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP05BRE

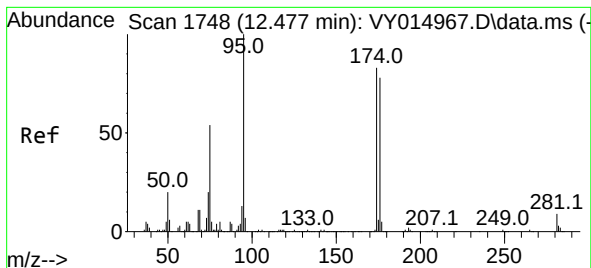
Tgt Ion:113 Resp: 26164
 Ion Ratio Lower Upper
 113 100
 111 99.5 81.3 121.9
 192 19.0 16.9 25.3



#50
 Toluene-d8
 Concen: 46.223 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.000 min
 Lab File: VY014981.D
 Acq: 08 Aug 2023 13:37

Tgt Ion: 98 Resp: 94628
 Ion Ratio Lower Upper
 98 100
 100 67.2 50.1 75.1

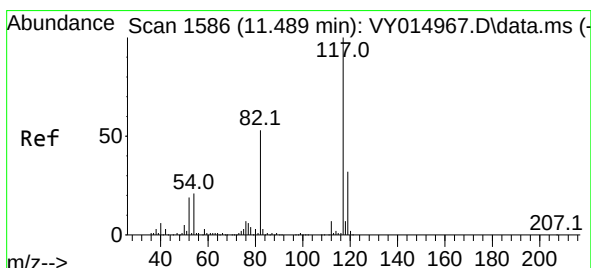
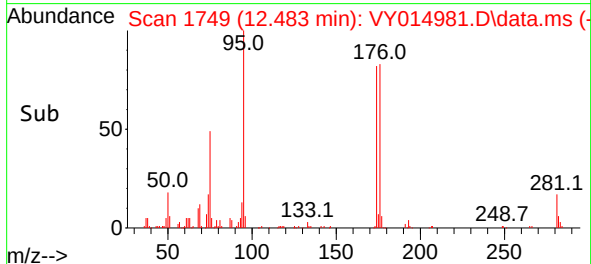
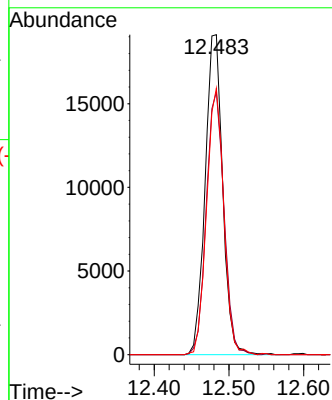
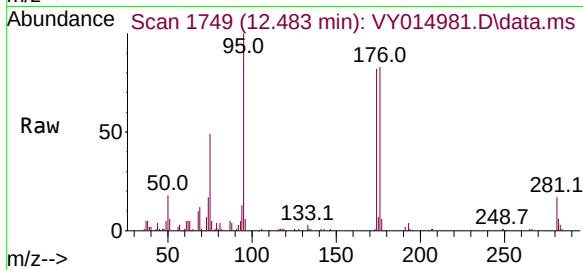




#62
4-Bromofluorobenzene
Concen: 42.947 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014981.D
Acq: 08 Aug 2023 13:37

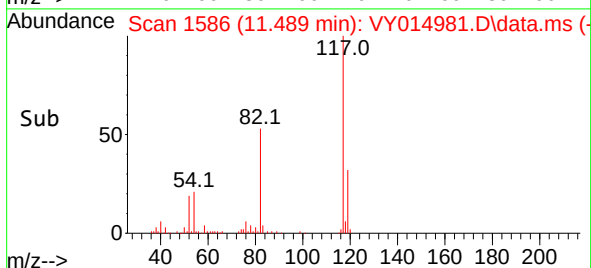
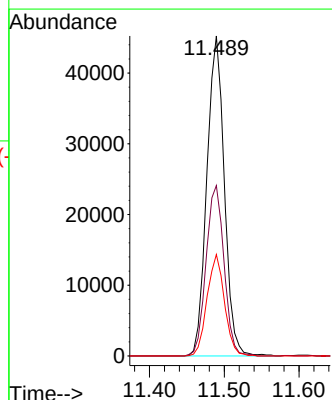
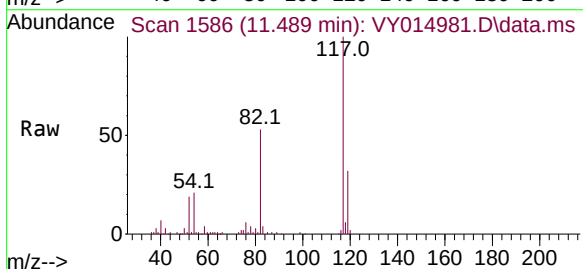
Instrument :
MSVOA_Y
ClientSampleId :
B-PP05BRE

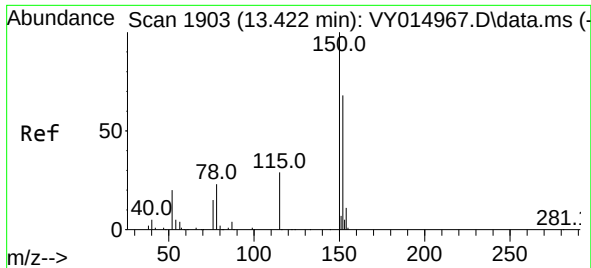
Tgt Ion: 95 Resp: 31161
Ion Ratio Lower Upper
95 100
174 83.1 0.0 178.2
176 81.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014981.D
Acq: 08 Aug 2023 13:37

Tgt Ion: 117 Resp: 73495
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 31.7 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014981.D

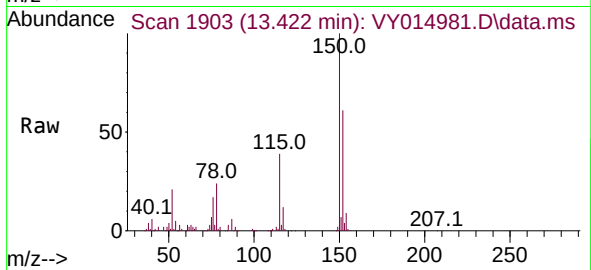
Acq: 08 Aug 2023 13:37

Instrument :

MSVOA_Y

ClientSampleId :

B-PP05BRE



Tgt Ion:152 Resp: 31778

Ion Ratio Lower Upper

152 100

115 59.2 28.8 86.5

150 159.7 0.0 348.8

