

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
 Data File : VY012297.D
 Acq On : 20 Jan 2023 17:46
 Operator : KP/MD
 Sample : 01232-07
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P-19B

Quant Time: Jan 23 02:23:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

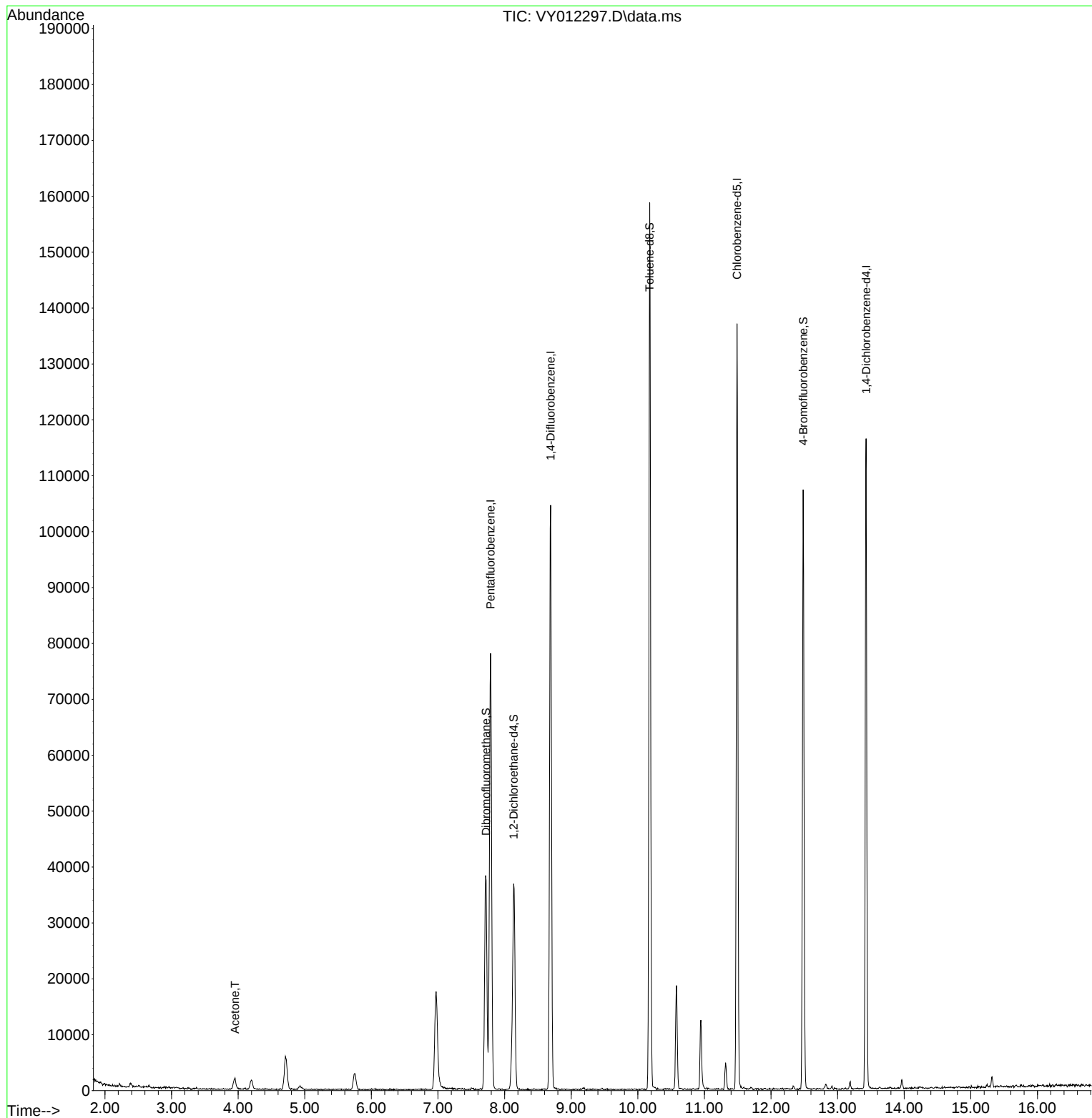
Internal Standards						
1) Pentafluorobenzene	7.789	168	63421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	93969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	80473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	33154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	28763	55.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.240%
35) Dibromofluoromethane	7.722	113	27052	54.369	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.740%
50) Toluene-d8	10.179	98	108824	64.369	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	128.740%
62) 4-Bromofluorobenzene	12.483	95	29180	41.602	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.200%
Target Compounds						
16) Acetone	3.954	43	3758	21.280	ug/l	Qvalue 90

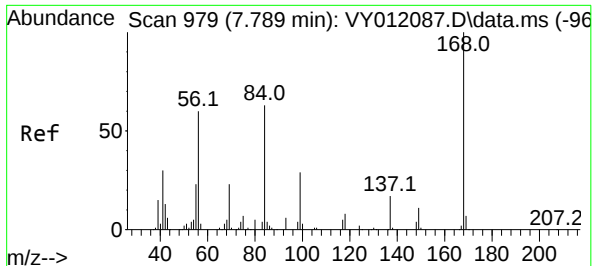
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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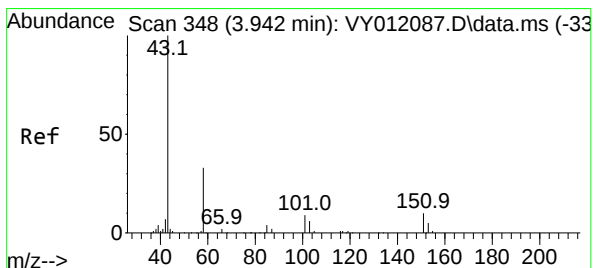
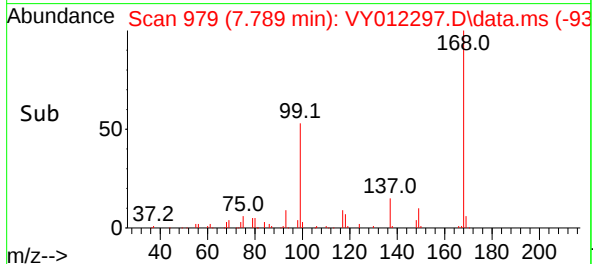
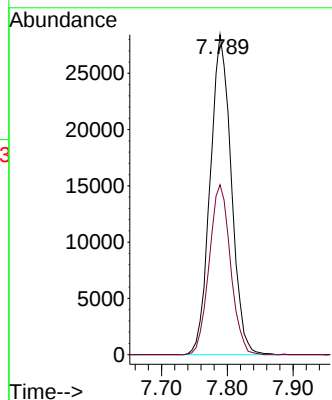
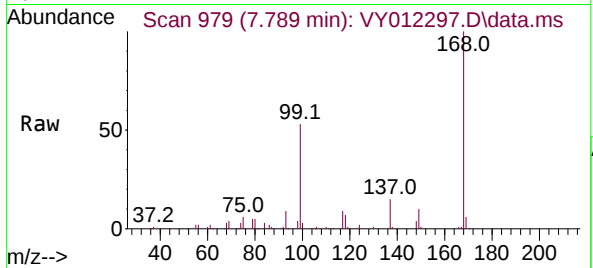




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012297.D
Acq: 20 Jan 2023 17:46

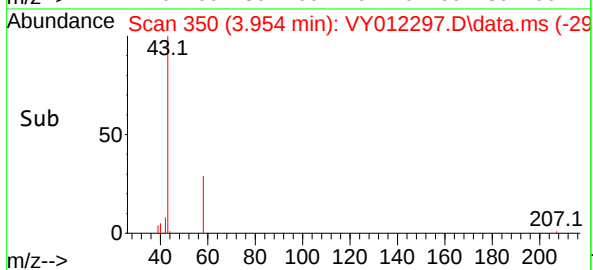
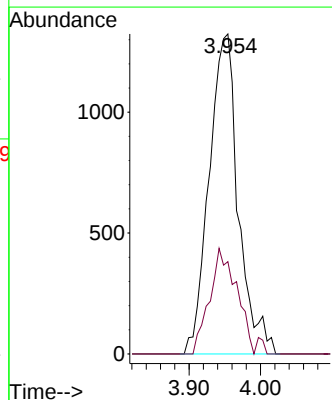
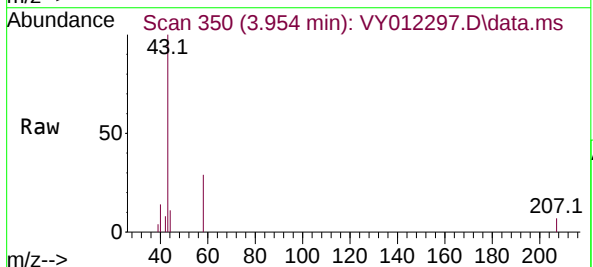
Instrument :
MSVOA_Y
ClientSampleId :
B-P-19B

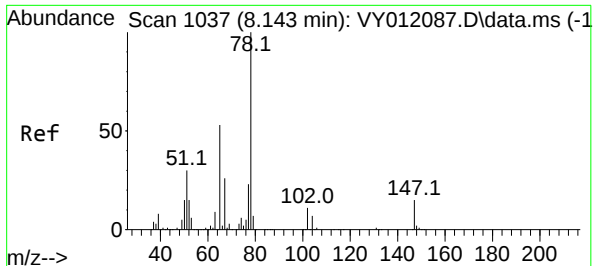
Tgt Ion:168 Resp: 63421
Ion Ratio Lower Upper
168 100
99 53.1 44.0 66.0



#16
Acetone
Concen: 21.280 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY012297.D
Acq: 20 Jan 2023 17:46

Tgt Ion: 43 Resp: 3758
Ion Ratio Lower Upper
43 100
58 28.9 27.9 41.9





#33

1,2-Dichloroethane-d4

Concen: 55.117 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY012297.D

Acq: 20 Jan 2023 17:46

Instrument :

MSVOA_Y

ClientSampleId :

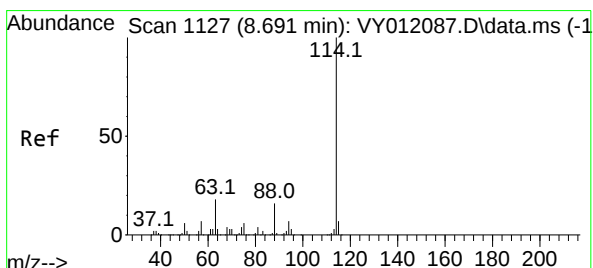
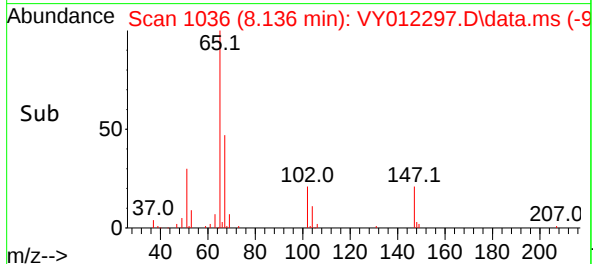
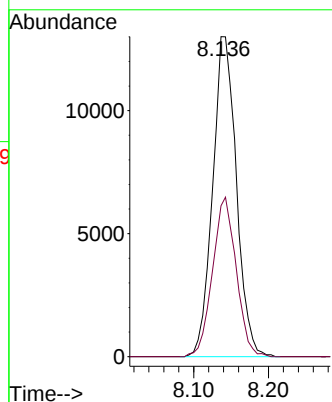
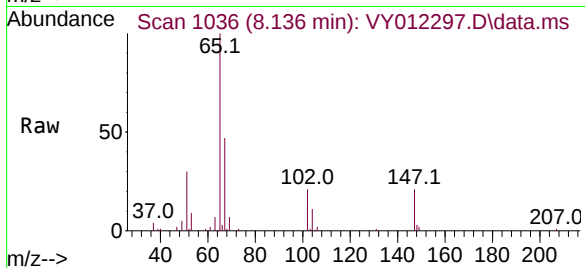
B-P-19B

Tgt Ion: 65 Resp: 28763

Ion Ratio Lower Upper

65 100

67 49.7 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012297.D

Acq: 20 Jan 2023 17:46

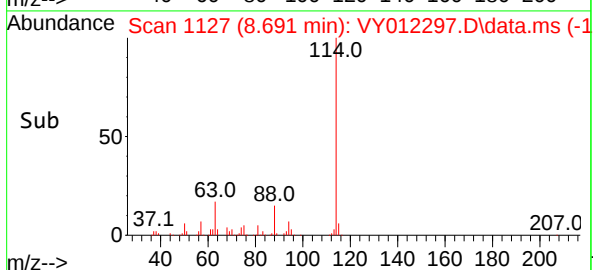
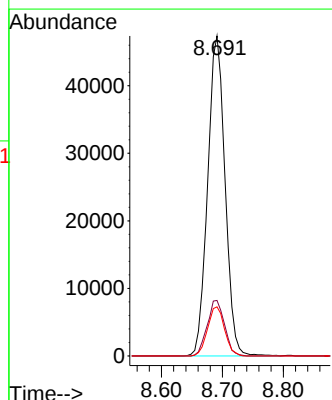
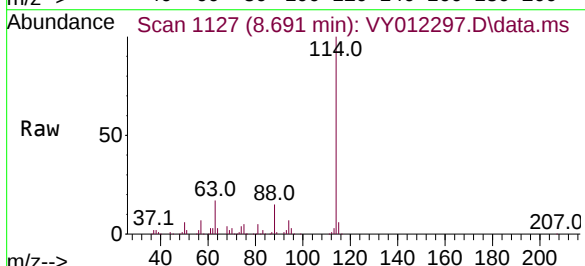
Tgt Ion: 114 Resp: 93969

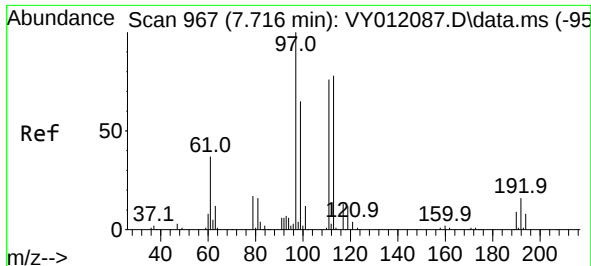
Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

88 15.4 0.0 32.2

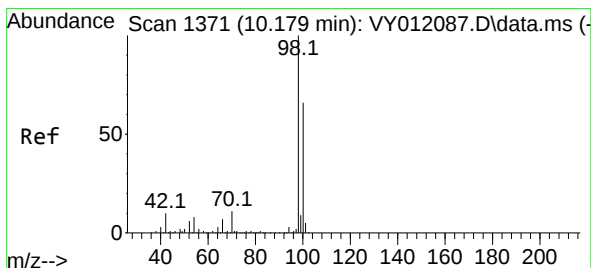
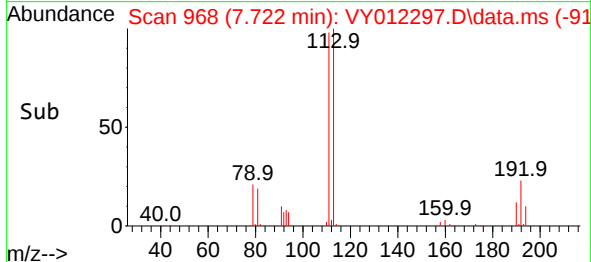
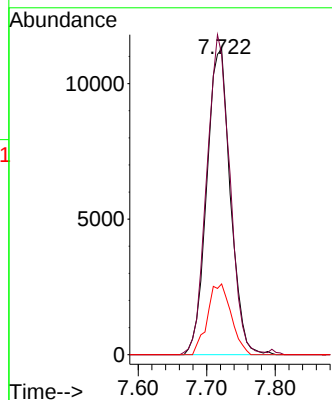
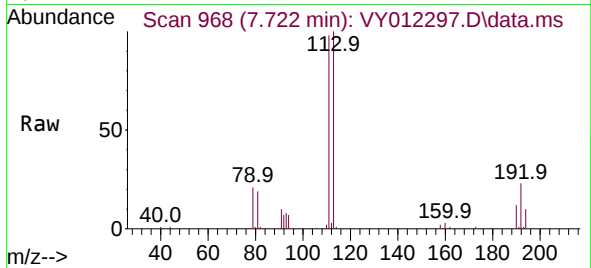




#35
Dibromofluoromethane
Concen: 54.369 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY012297.D
Acq: 20 Jan 2023 17:46

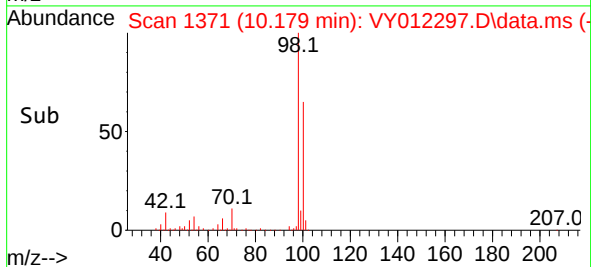
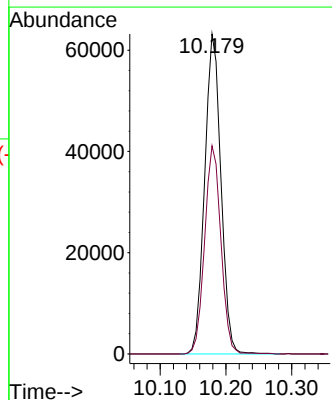
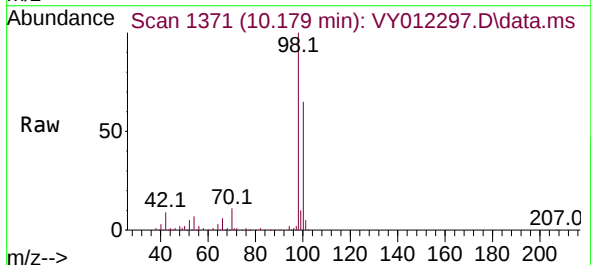
Instrument :
MSVOA_Y
ClientSampleId :
B-P-19B

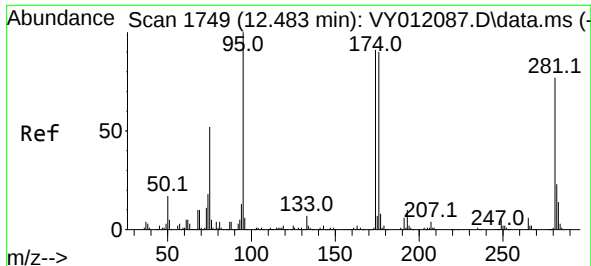
Tgt Ion:113 Resp: 27052
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.4
192 23.2 16.0 24.0



#50
Toluene-d8
Concen: 64.369 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012297.D
Acq: 20 Jan 2023 17:46

Tgt Ion: 98 Resp: 108824
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

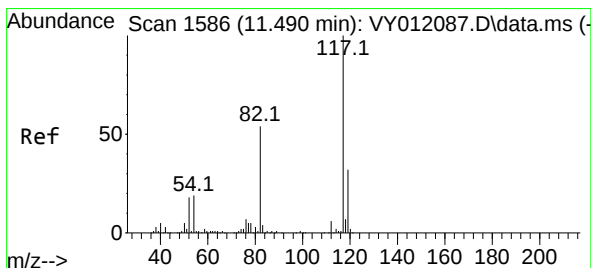
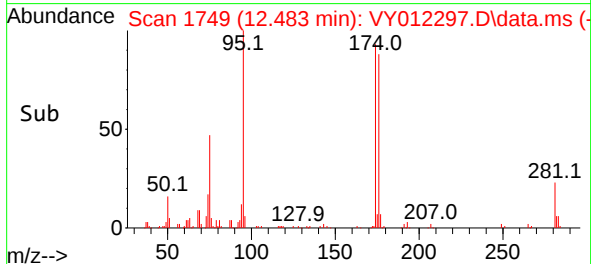
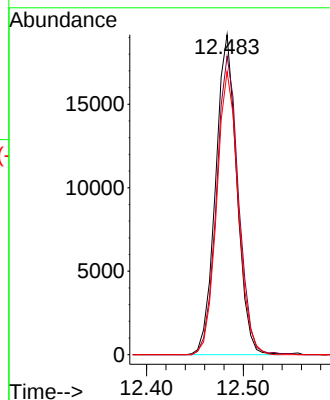
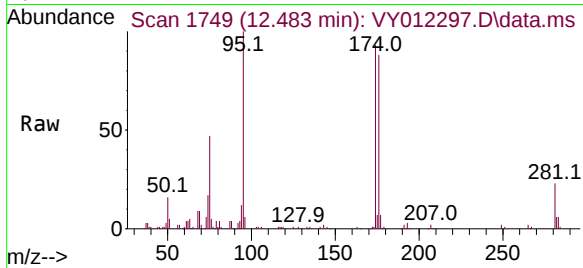




#62
4-Bromofluorobenzene
Concen: 41.602 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012297.D
Acq: 20 Jan 2023 17:46

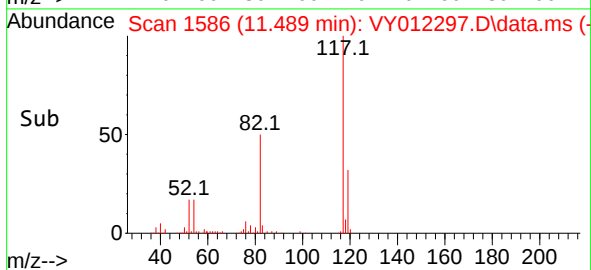
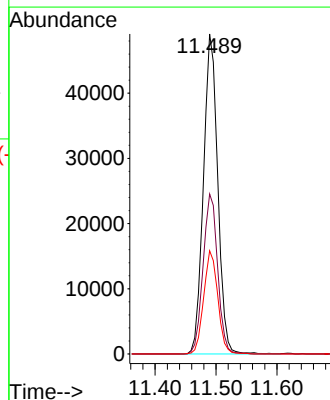
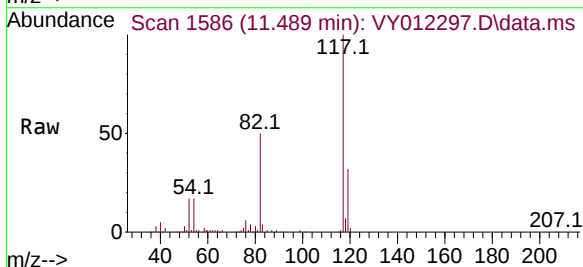
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B-P-19B

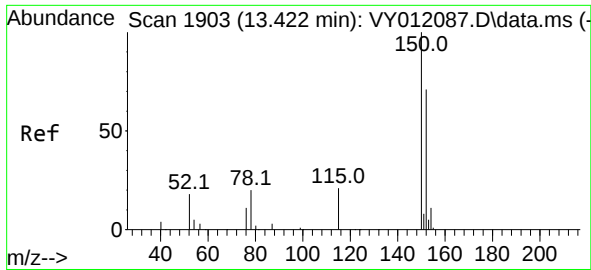
Tgt Ion: 95 Resp: 29180
Ion Ratio Lower Upper
95 100
174 96.9 0.0 172.0
176 89.7 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012297.D
Acq: 20 Jan 2023 17:46

Tgt Ion: 117 Resp: 80473
Ion Ratio Lower Upper
117 100
82 50.0 44.8 67.2
119 32.2 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012297.D

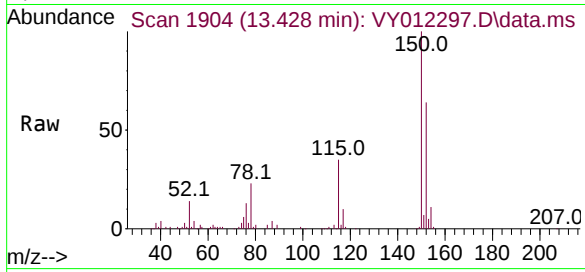
Acq: 20 Jan 2023 17:46

Instrument :

MSVOA_Y

ClientSampleId :

B-P-19B



Tgt Ion:152 Resp: 33154

Ion Ratio Lower Upper

152 100

115 54.7 29.1 87.3

150 155.6 0.0 342.6

