

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
 Data File : VY018022.D
 Acq On : 23 Apr 2024 12:37
 Operator : SY/MD
 Sample : P2225-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-042224

Quant Time: Apr 24 01:14:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

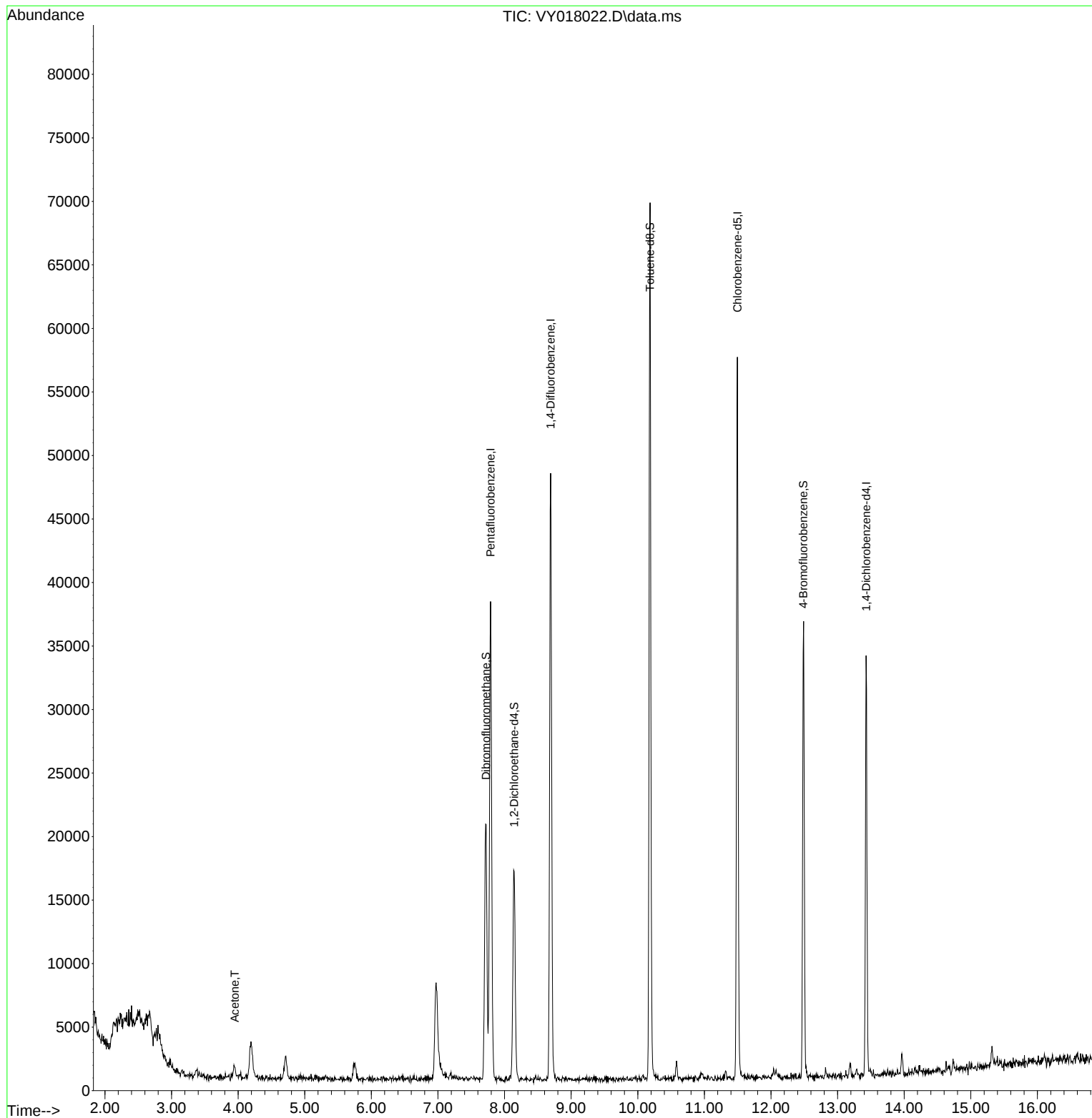
Internal Standards						
1) Pentafluorobenzene	7.789	168	30757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	44868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	32847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	13548	50.901	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.800%
35) Dibromofluoromethane	7.722	113	15756	56.920	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.840%
50) Toluene-d8	10.185	98	48456	46.133	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.260%
62) 4-Bromofluorobenzene	12.483	95	9905	30.449	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	60.900%
Target Compounds						
16) Acetone	3.948	43	1722	32.743	ug/l	Qvalue 93

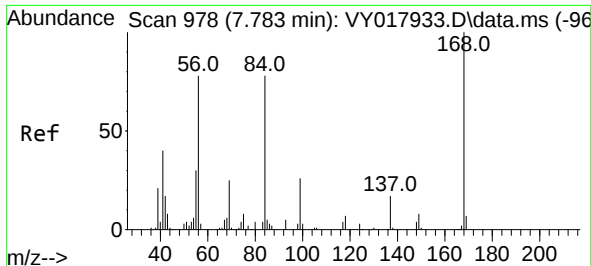
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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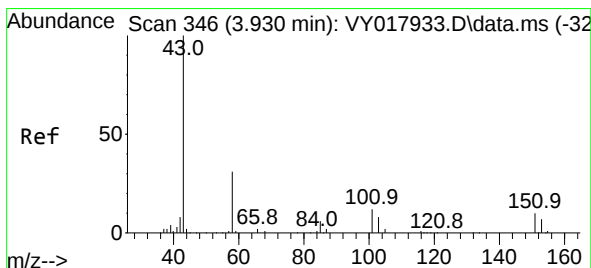
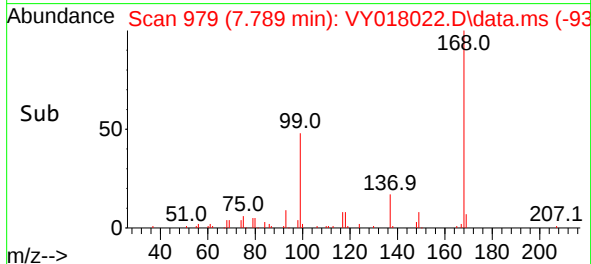
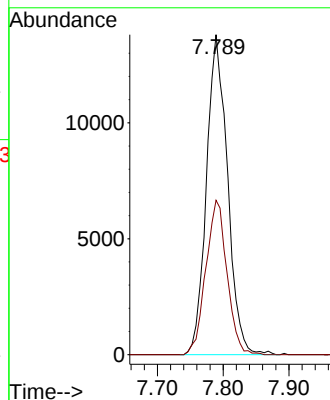
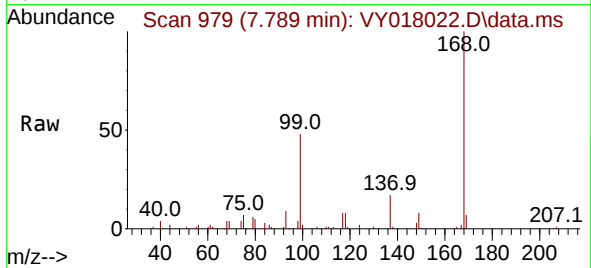




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018022.D
Acq: 23 Apr 2024 12:37

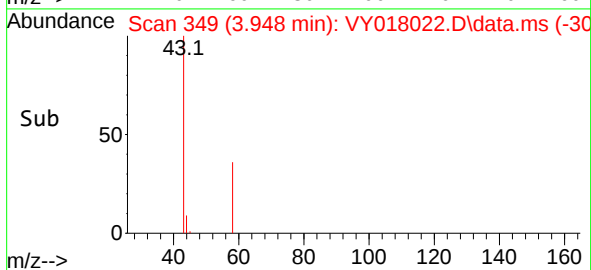
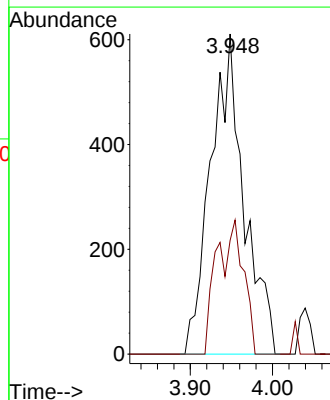
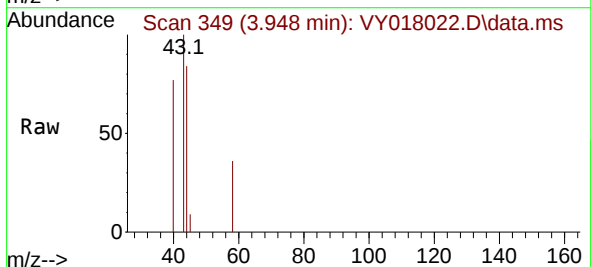
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-042224

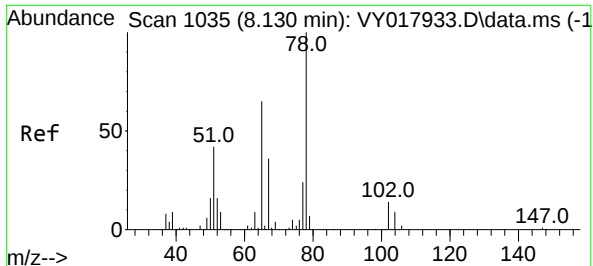
Tgt Ion:168 Resp: 30757
Ion Ratio Lower Upper
168 100
99 48.3 39.1 58.7



#16
Acetone
Concen: 32.743 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY018022.D
Acq: 23 Apr 2024 12:37

Tgt Ion: 43 Resp: 1722
Ion Ratio Lower Upper
43 100
58 35.5 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 50.901 ug/l

RT: 8.143 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018022.D

Acq: 23 Apr 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

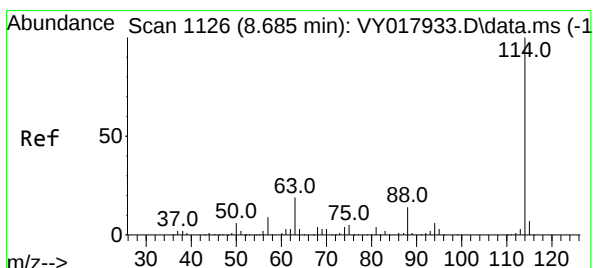
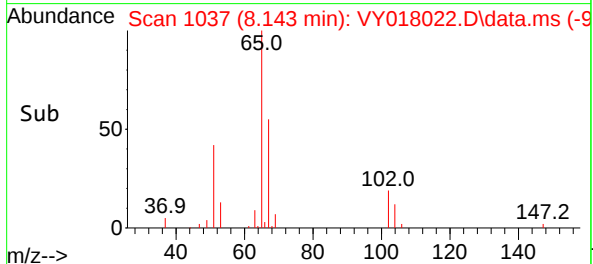
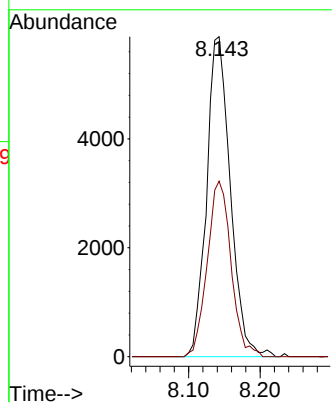
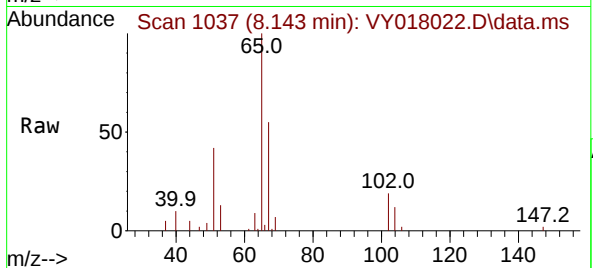
TR-06-042224

Tgt Ion: 65 Resp: 13548

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY018022.D

Acq: 23 Apr 2024 12:37

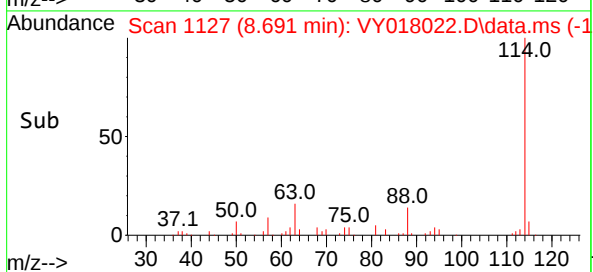
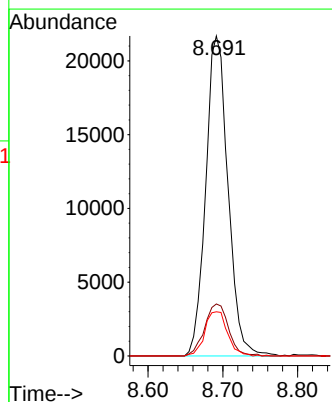
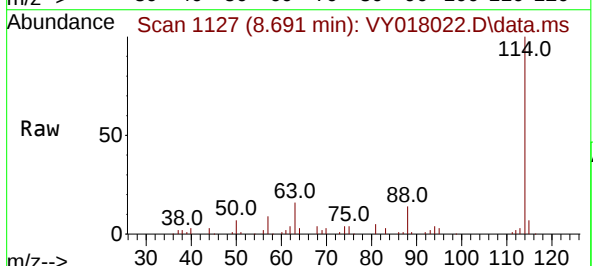
Tgt Ion: 114 Resp: 44868

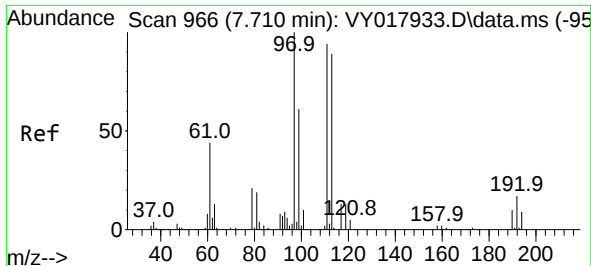
Ion Ratio Lower Upper

114 100

63 16.2 0.0 35.0

88 13.8 0.0 27.2

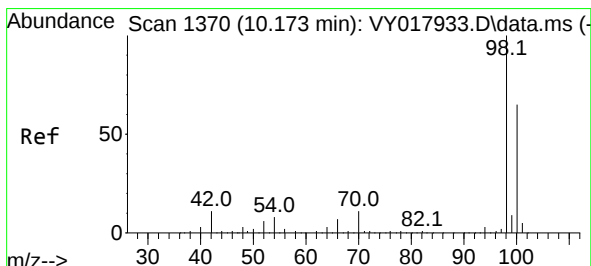
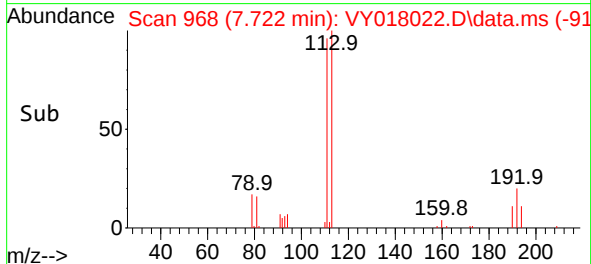
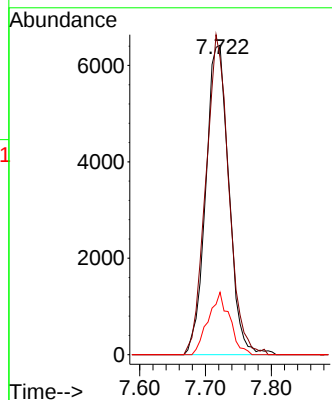
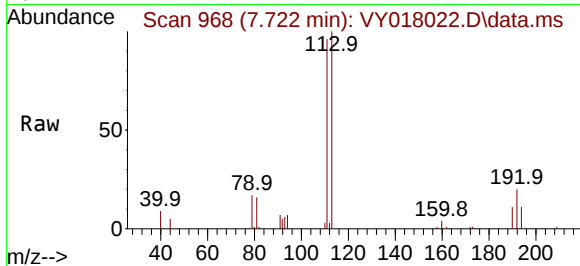




#35
Dibromofluoromethane
Concen: 56.920 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018022.D
Acq: 23 Apr 2024 12:37

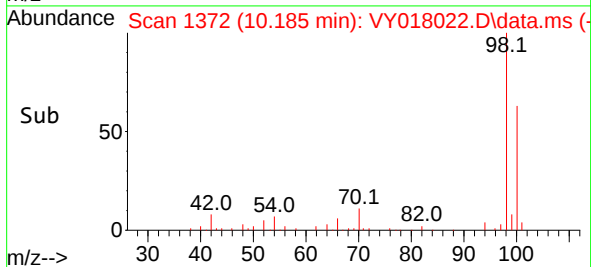
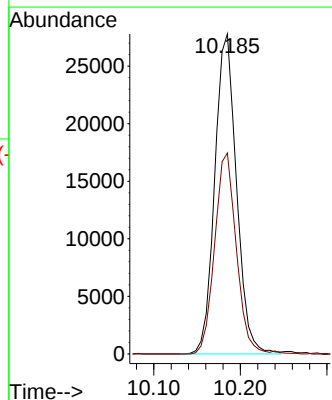
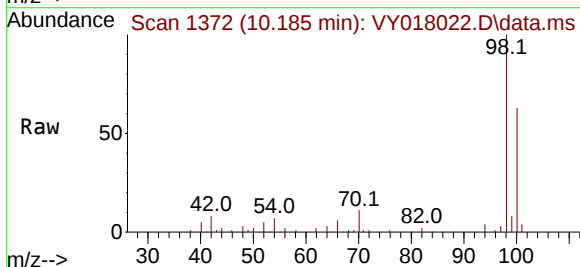
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-042224

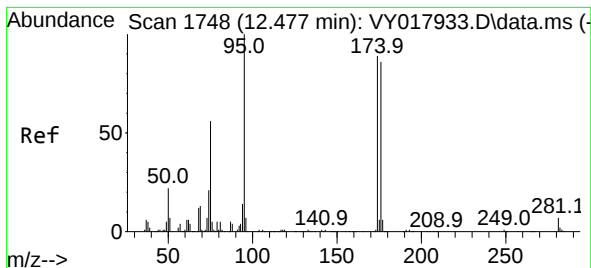
Tgt Ion:113 Resp: 15756
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 18.7 15.9 23.9



#50
Toluene-d8
Concen: 46.133 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY018022.D
Acq: 23 Apr 2024 12:37

Tgt Ion: 98 Resp: 48456
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0

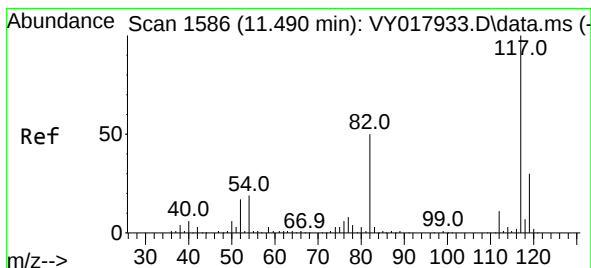
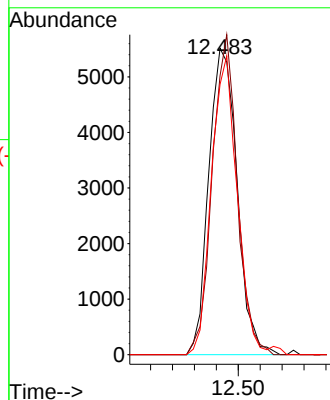
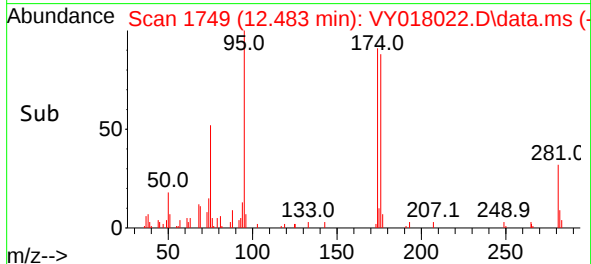
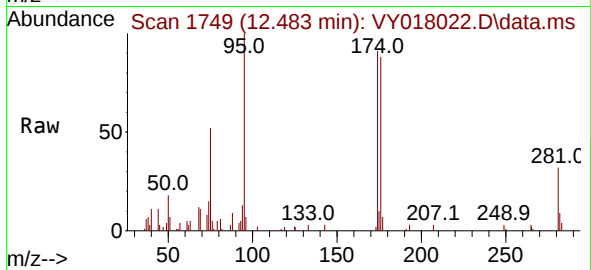




#62
4-Bromofluorobenzene
Concen: 30.449 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018022.D
Acq: 23 Apr 2024 12:37

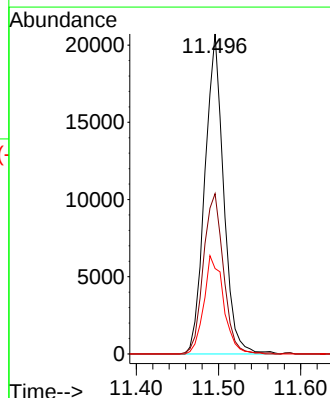
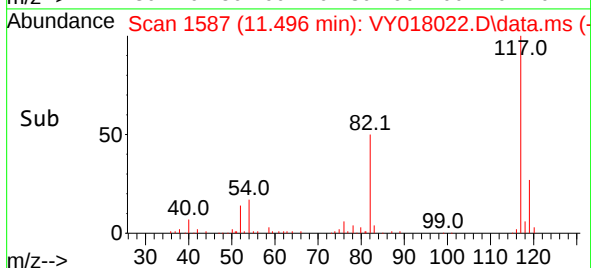
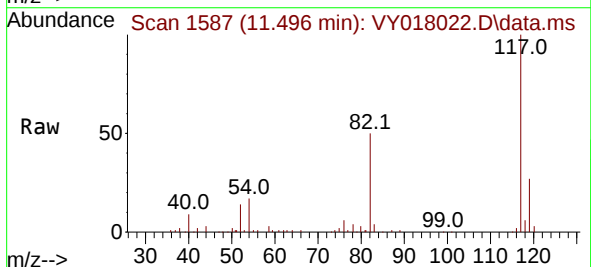
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-042224

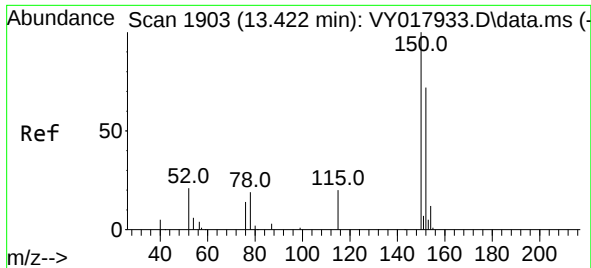
Tgt Ion: 95 Resp: 9905
Ion Ratio Lower Upper
95 100
174 92.0 0.0 175.6
176 89.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY018022.D
Acq: 23 Apr 2024 12:37

Tgt Ion: 117 Resp: 32847
Ion Ratio Lower Upper
117 100
82 50.1 42.4 63.6
119 26.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY018022.D

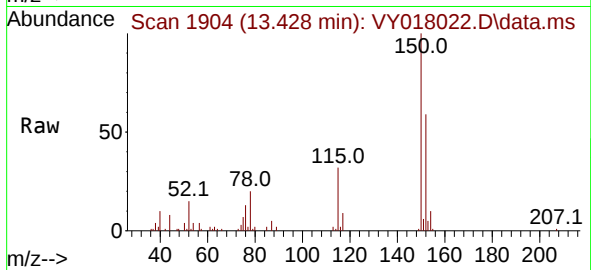
Acq: 23 Apr 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-042224



Tgt Ion:152 Resp: 8855

Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.7

150 170.3 0.0 345.6

