

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041724\
 Data File : VY017956.D
 Acq On : 17 Apr 2024 12:33
 Operator : SY/MD
 Sample : P2123-02RE
 Misc : 2.86g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPI-SS-02RE

Quant Time: Apr 18 02:50:24 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)

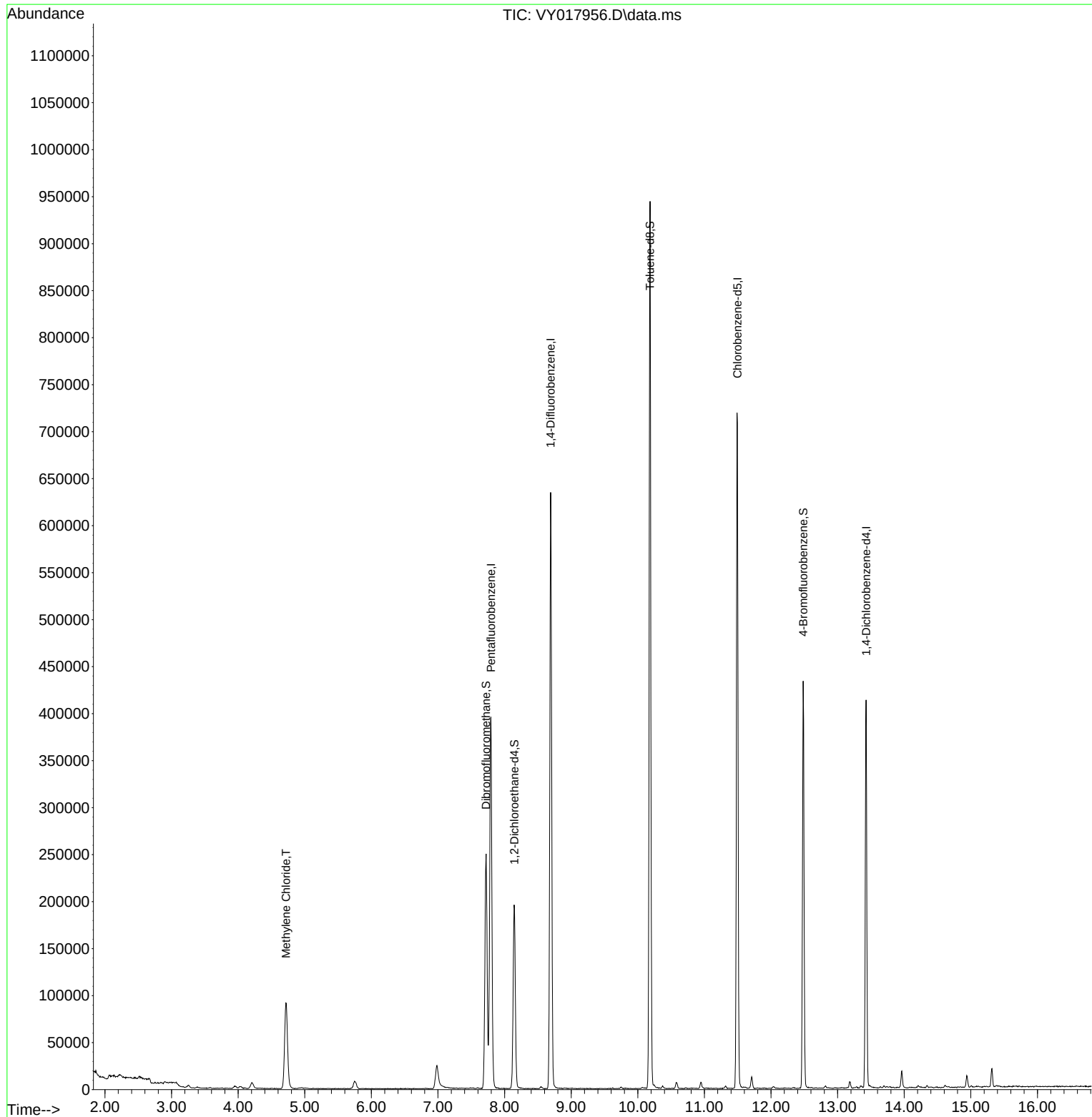
Internal Standards						
1) Pentafluorobenzene	7.795	168	329507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	558674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	418984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	150895	52.918	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.840%	
35) Dibromofluoromethane	7.722	113	179304	52.022	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.040%	
50) Toluene-d8	10.185	98	626601	47.911	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.820%	
62) 4-Bromofluorobenzene	12.483	95	126417	31.211	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 62.420%	
Target Compounds						
20) Methylene Chloride	4.716	84	74635	19.553	ug/l	Qvalue 93

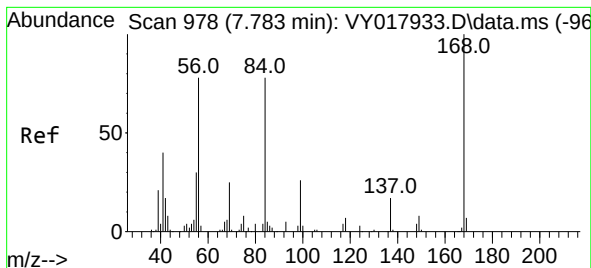
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY017956.D

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Instrument :

MSVOA_Y

ClientSampleId :

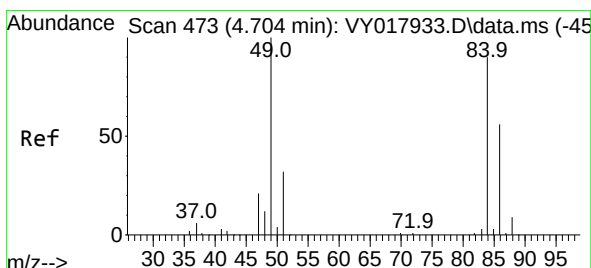
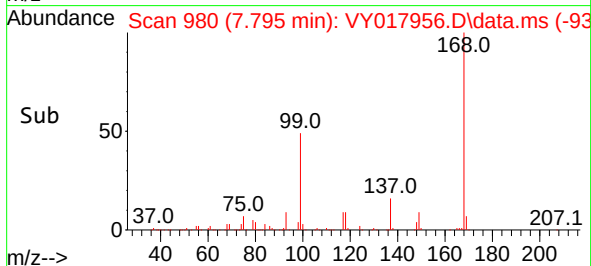
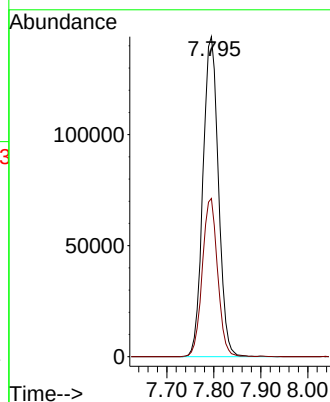
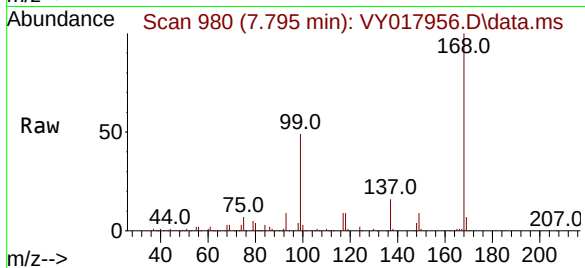
RPI-SS-02RE

Tgt Ion:168 Resp: 329507

Ion Ratio Lower Upper

168 100

99 49.5 39.1 58.7



#20

Methylene Chloride

Concen: 19.553 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY017956.D

Acq: 17 Apr 2024 12:33

Tgt Ion: 84 Resp: 74635

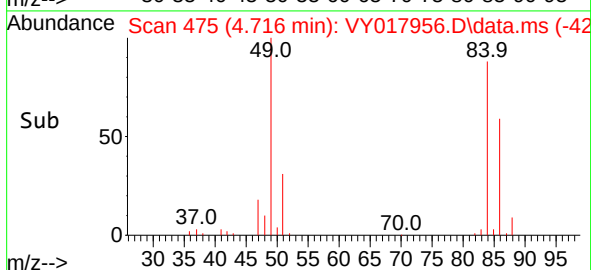
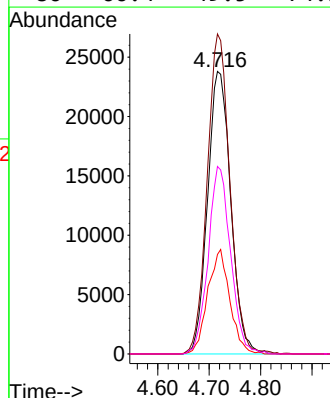
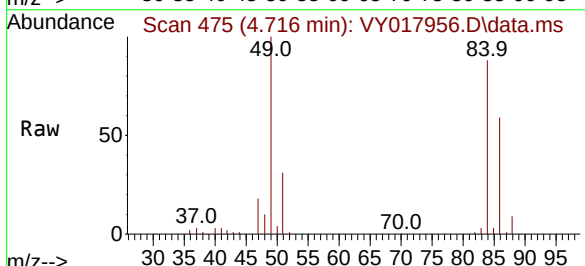
Ion Ratio Lower Upper

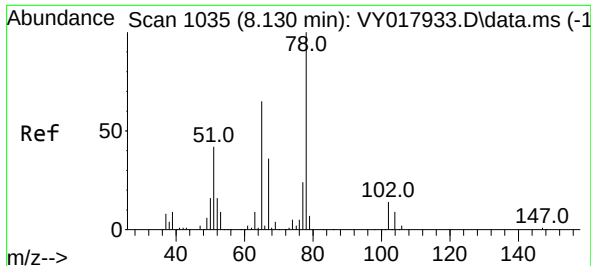
84 100

49 113.3 84.4 126.6

51 35.2 26.0 39.0

86 66.4 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 52.918 ug/l

RT: 8.148 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY017956.D

Acq: 17 Apr 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

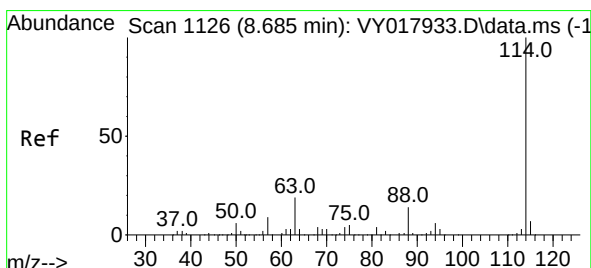
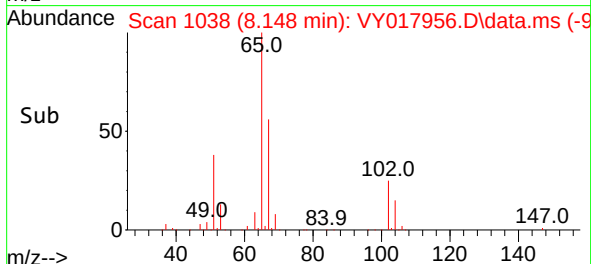
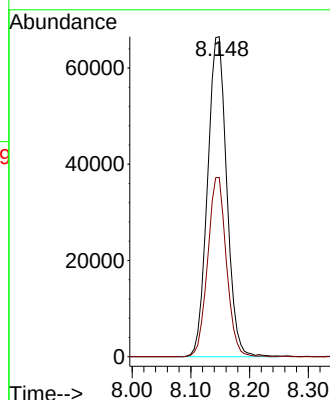
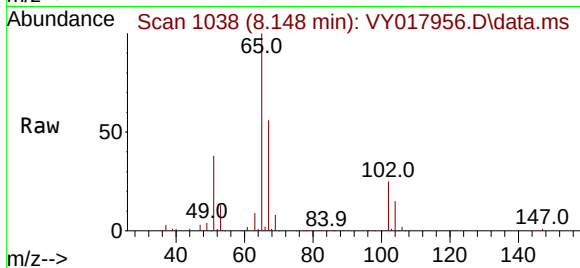
RPI-SS-02RE

Tgt Ion: 65 Resp: 150895

Ion Ratio Lower Upper

65 100

67 54.6 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: VY017956.D

Acq: 17 Apr 2024 12:33

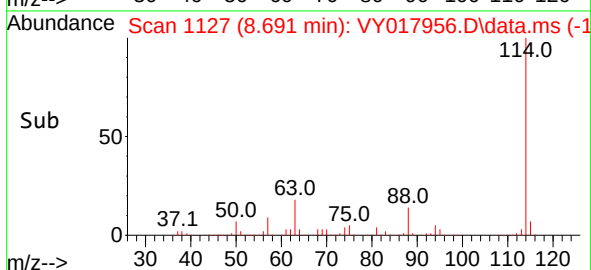
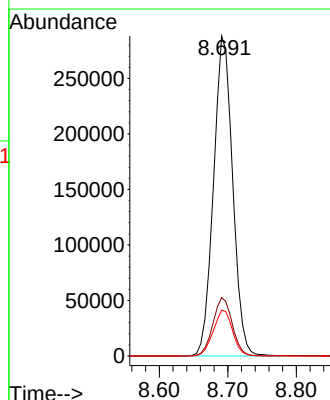
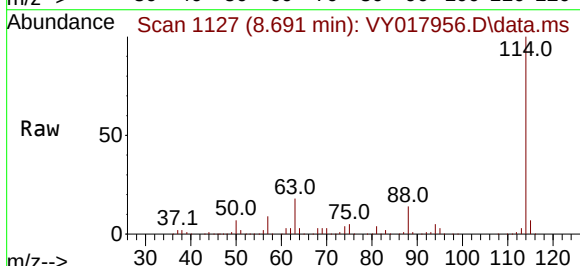
Tgt Ion: 114 Resp: 558674

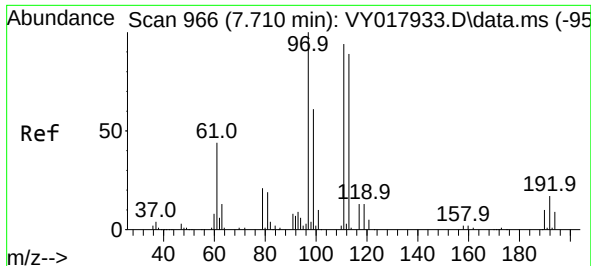
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 14.3 0.0 27.2

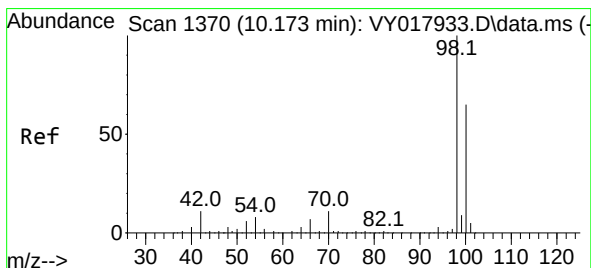
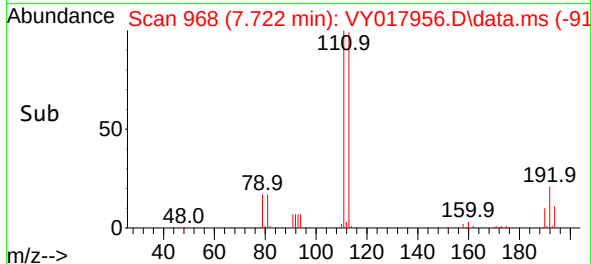
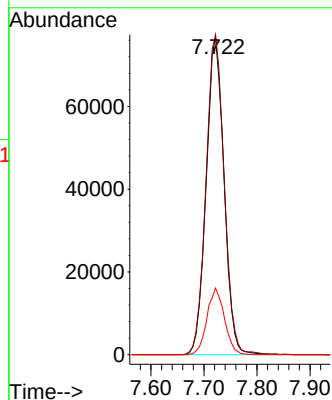
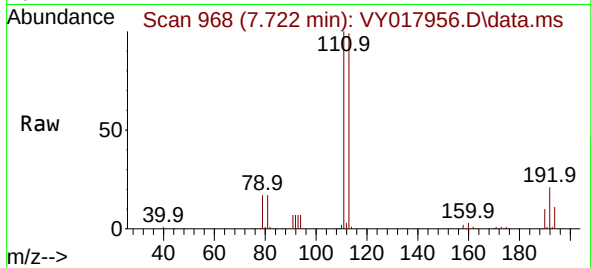




#35
Dibromofluoromethane
Concen: 52.022 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017956.D
Acq: 17 Apr 2024 12:33

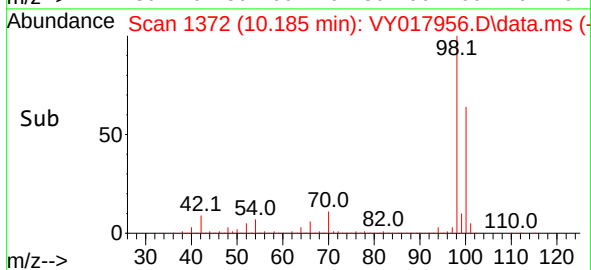
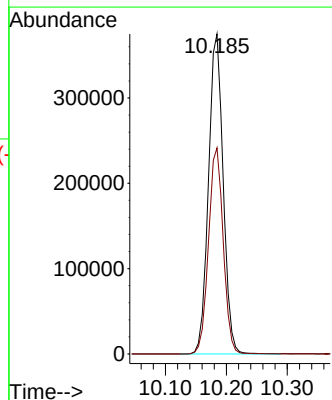
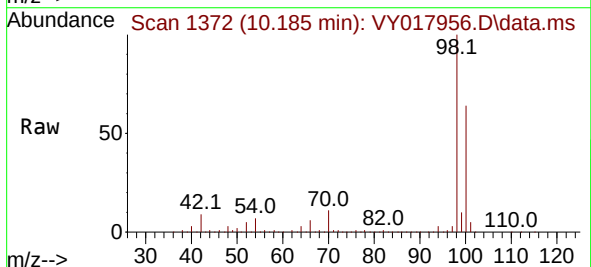
Instrument :
MSVOA_Y
ClientSampleId :
RPI-SS-02RE

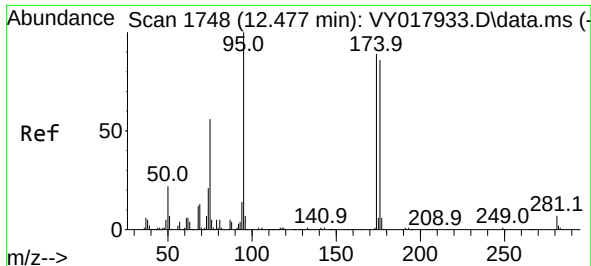
Tgt Ion:113 Resp: 179304
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 20.5 15.9 23.9



#50
Toluene-d8
Concen: 47.911 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY017956.D
Acq: 17 Apr 2024 12:33

Tgt Ion: 98 Resp: 626601
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

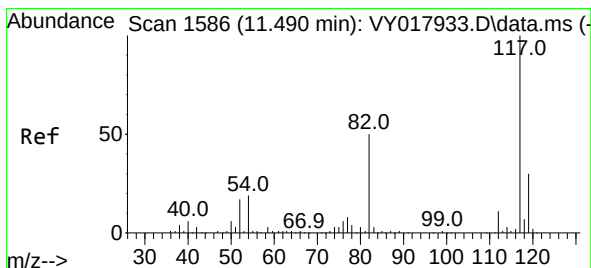
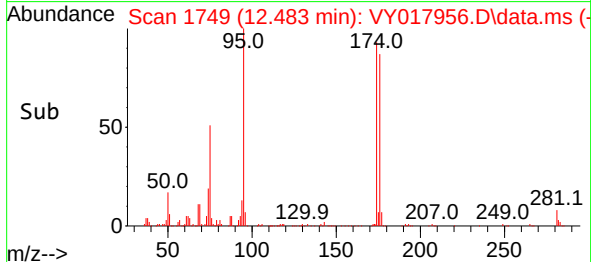
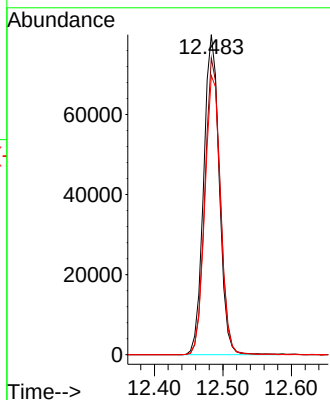
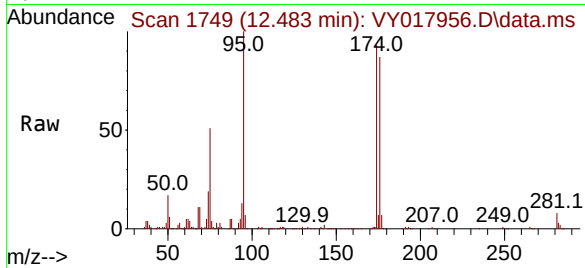




#62
4-Bromofluorobenzene
Concen: 31.211 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017956.D
Acq: 17 Apr 2024 12:33

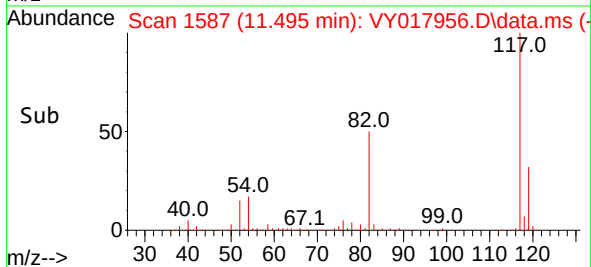
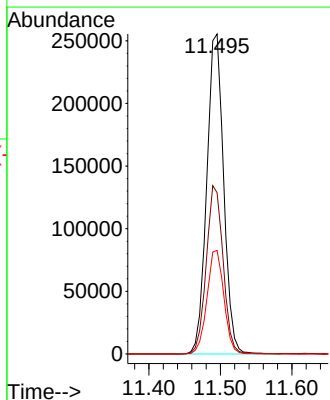
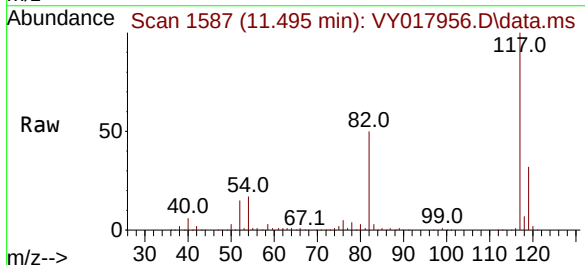
Instrument :
MSVOA_Y
ClientSampleId :
RPI-SS-02RE

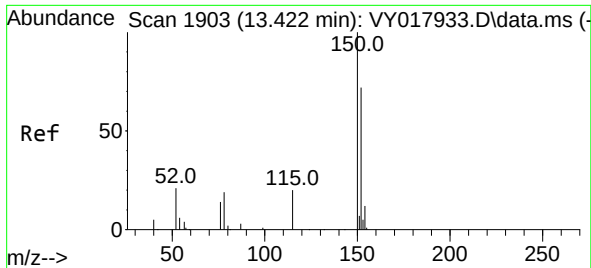
Tgt Ion: 95 Resp: 126417
Ion Ratio Lower Upper
95 100
174 92.3 0.0 175.6
176 87.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY017956.D
Acq: 17 Apr 2024 12:33

Tgt Ion: 117 Resp: 418984
Ion Ratio Lower Upper
117 100
82 50.4 42.4 63.6
119 32.3 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: VY017956.D
 Acq: 17 Apr 2024 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPI-SS-02RE

Tgt Ion:152 Resp: 114549
 Ion Ratio Lower Upper
 152 100
 115 54.1 28.2 84.7
 150 155.0 0.0 345.6

