

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040924\
 Data File : VY017890.D
 Acq On : 09 Apr 2024 14:52
 Operator : SY/MD
 Sample : P2038-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-040924

Quant Time: Apr 10 04:26:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	124101	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	229753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	198690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71522	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	65088	60.609	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.220%
35) Dibromofluoromethane	7.716	113	72610	54.692	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.380%
50) Toluene-d8	10.179	98	262283	52.888	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.780%
62) 4-Bromofluorobenzene	12.483	95	67844	44.964	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.920%

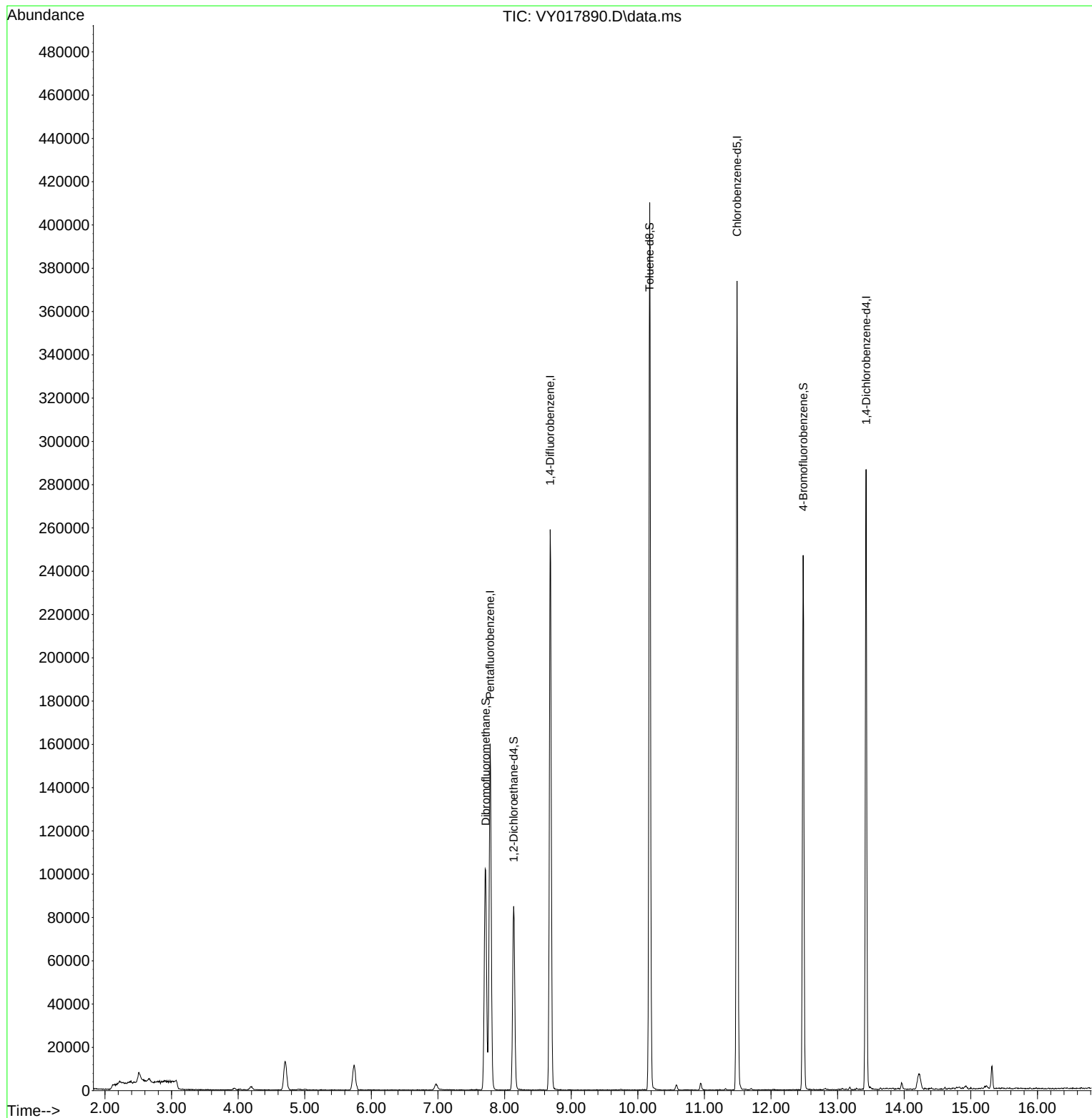
Target Compounds	Qvalue

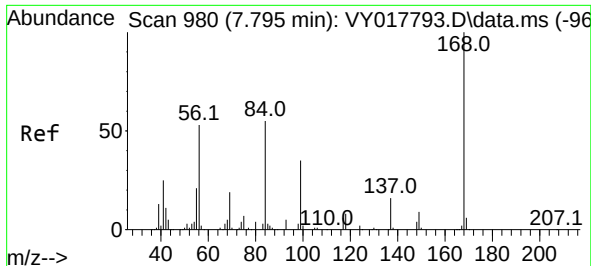
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040924\
Data File : VY017890.D
Acq On : 09 Apr 2024 14:52
Operator : SY/MD
Sample : P2038-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-040924

Quant Time: Apr 10 04:26:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration

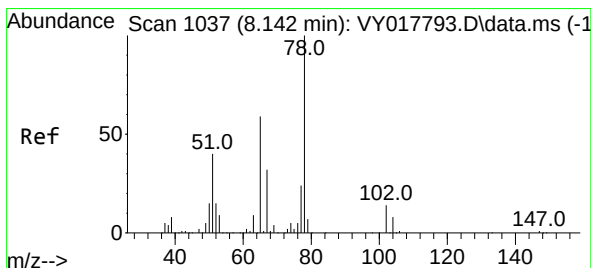
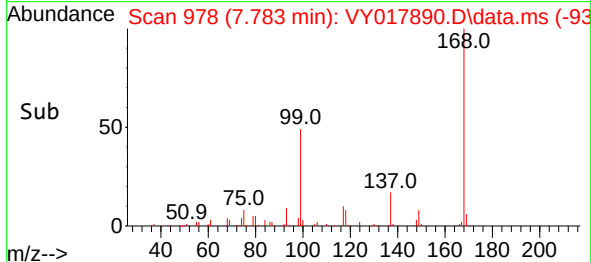
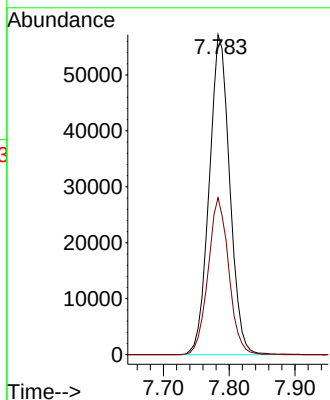
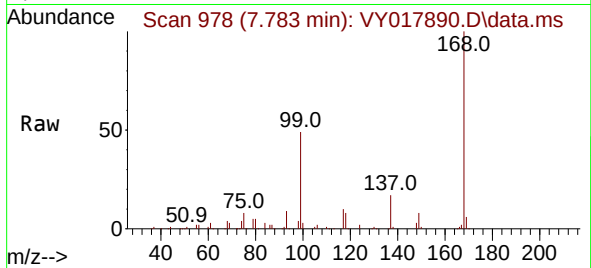




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017890.D
Acq: 09 Apr 2024 14:52

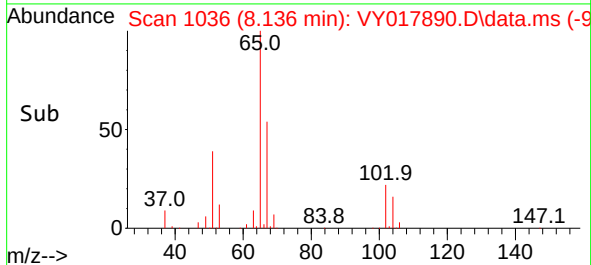
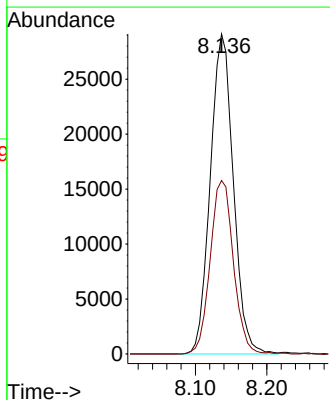
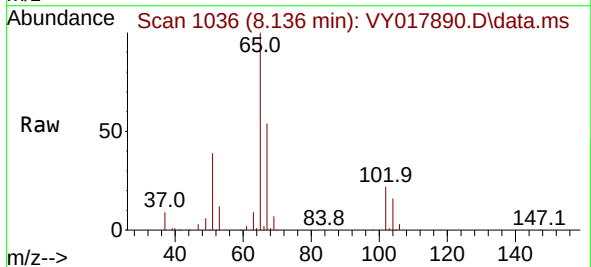
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-040924

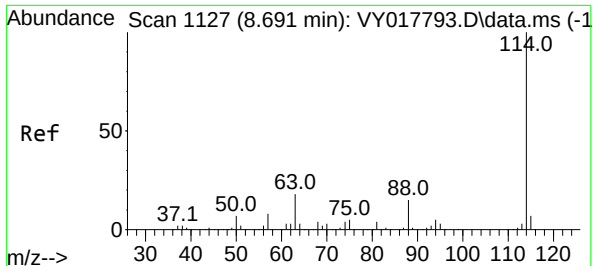
Tgt Ion:168 Resp: 124101
Ion Ratio Lower Upper
168 100
99 49.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 60.609 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017890.D
Acq: 09 Apr 2024 14:52

Tgt Ion: 65 Resp: 65088
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017890.D

Acq: 09 Apr 2024 14:52

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-040924

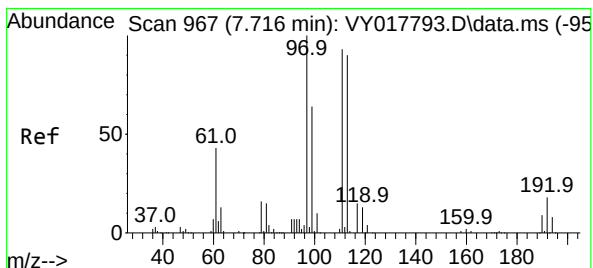
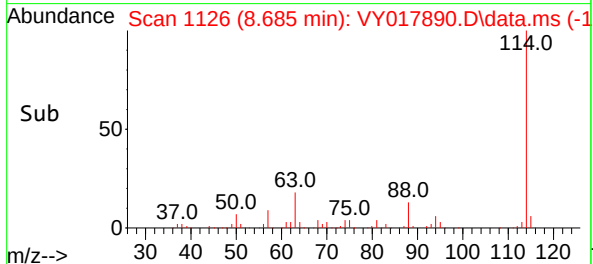
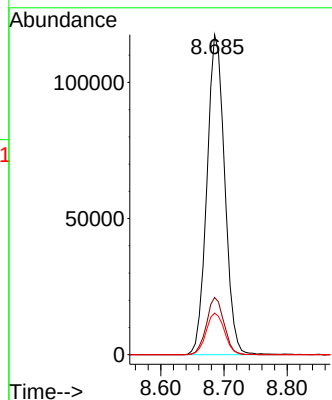
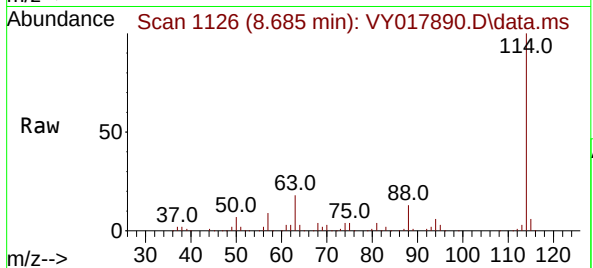
Tgt Ion:114 Resp: 229753

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 13.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.692 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017890.D

Acq: 09 Apr 2024 14:52

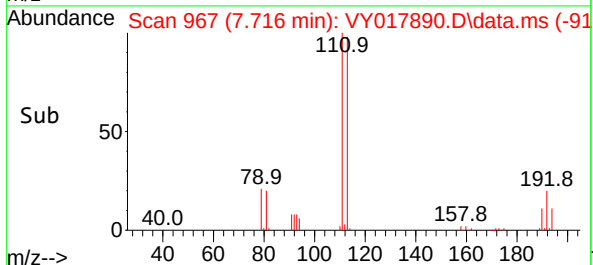
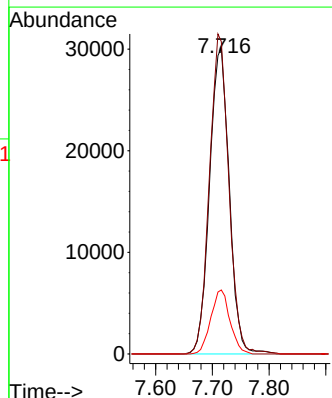
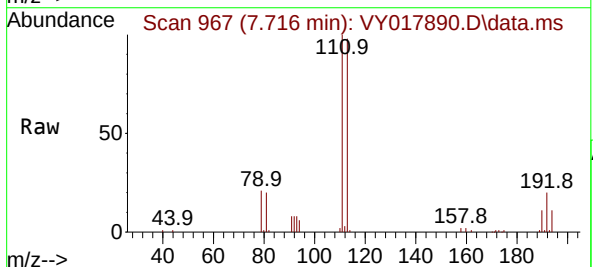
Tgt Ion:113 Resp: 72610

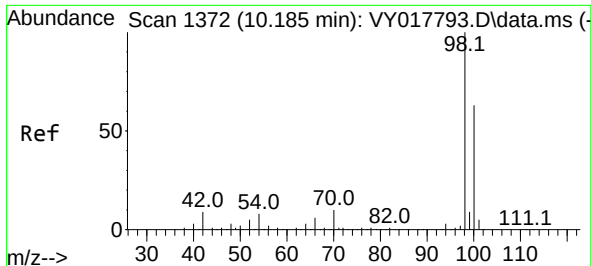
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 20.3 15.9 23.9

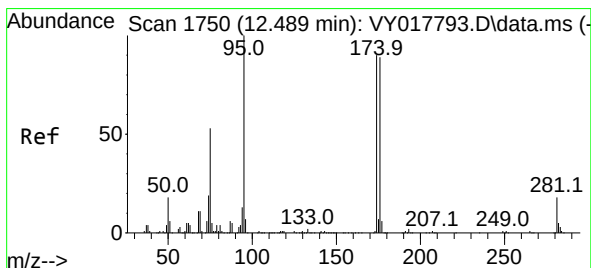
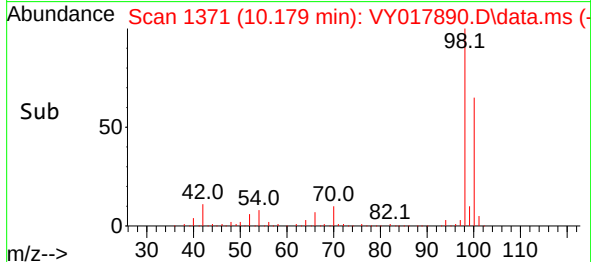
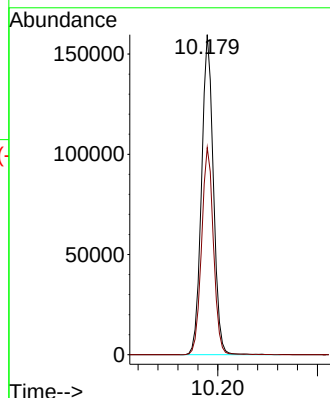
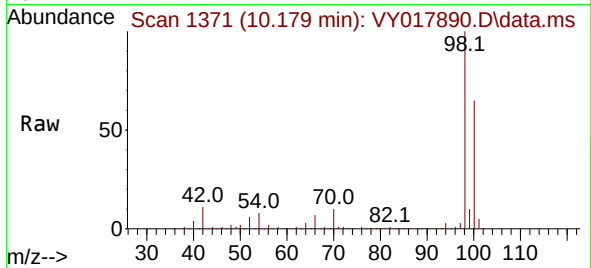




#50
Toluene-d8
Concen: 52.888 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017890.D
Acq: 09 Apr 2024 14:52

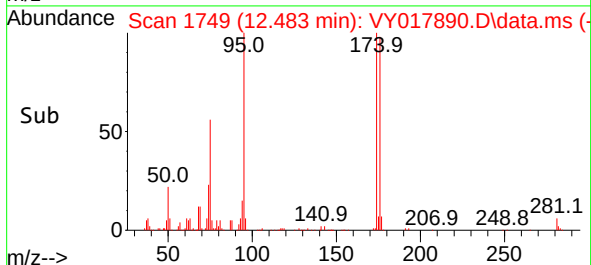
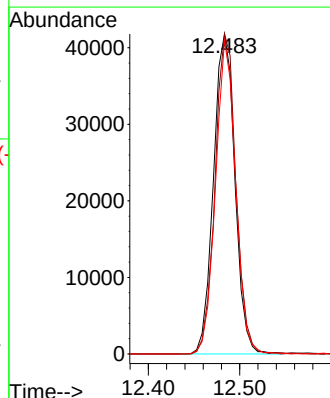
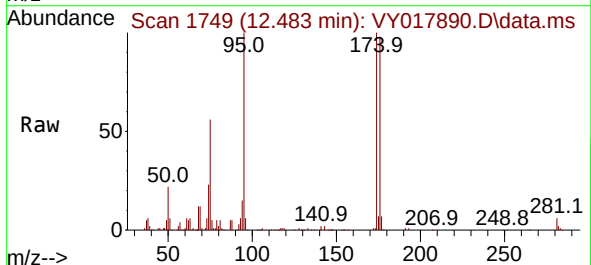
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-040924

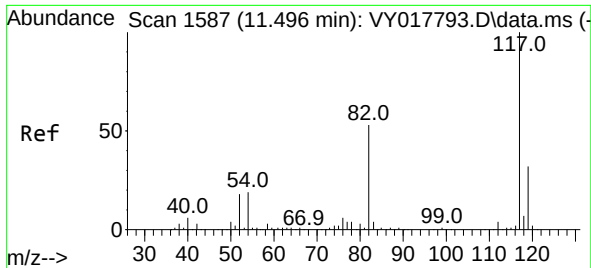
Tgt Ion: 98 Resp: 262283
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.964 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017890.D
Acq: 09 Apr 2024 14:52

Tgt Ion: 95 Resp: 67844
Ion Ratio Lower Upper
95 100
174 97.4 0.0 175.6
176 92.3 0.0 171.4

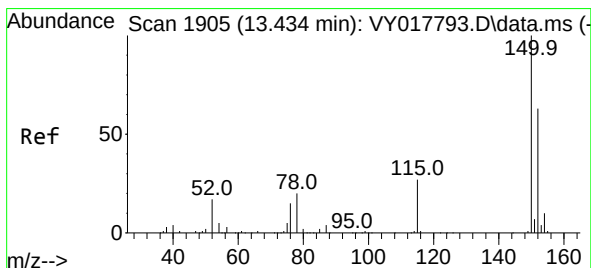
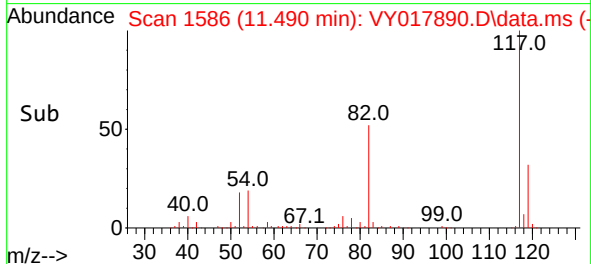
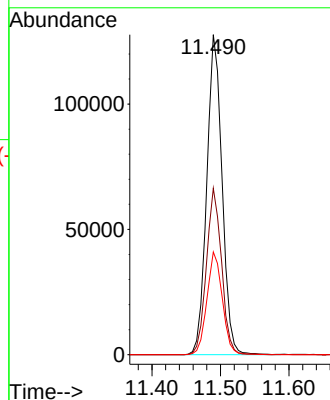
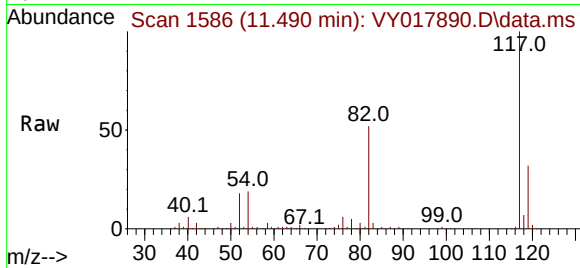




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017890.D
Acq: 09 Apr 2024 14:52

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-040924

Tgt Ion:117 Resp: 198690
Ion Ratio Lower Upper
117 100
82 52.0 42.4 63.6
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017890.D
Acq: 09 Apr 2024 14:52

Tgt Ion:152 Resp: 71522
Ion Ratio Lower Upper
152 100
115 54.4 28.2 84.7
150 155.8 0.0 345.6

