

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017916.D
 Acq On : 11 Apr 2024 17:12
 Operator : SY/MD
 Sample : P2088-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-041124

Quant Time: Apr 12 05:03:32 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)

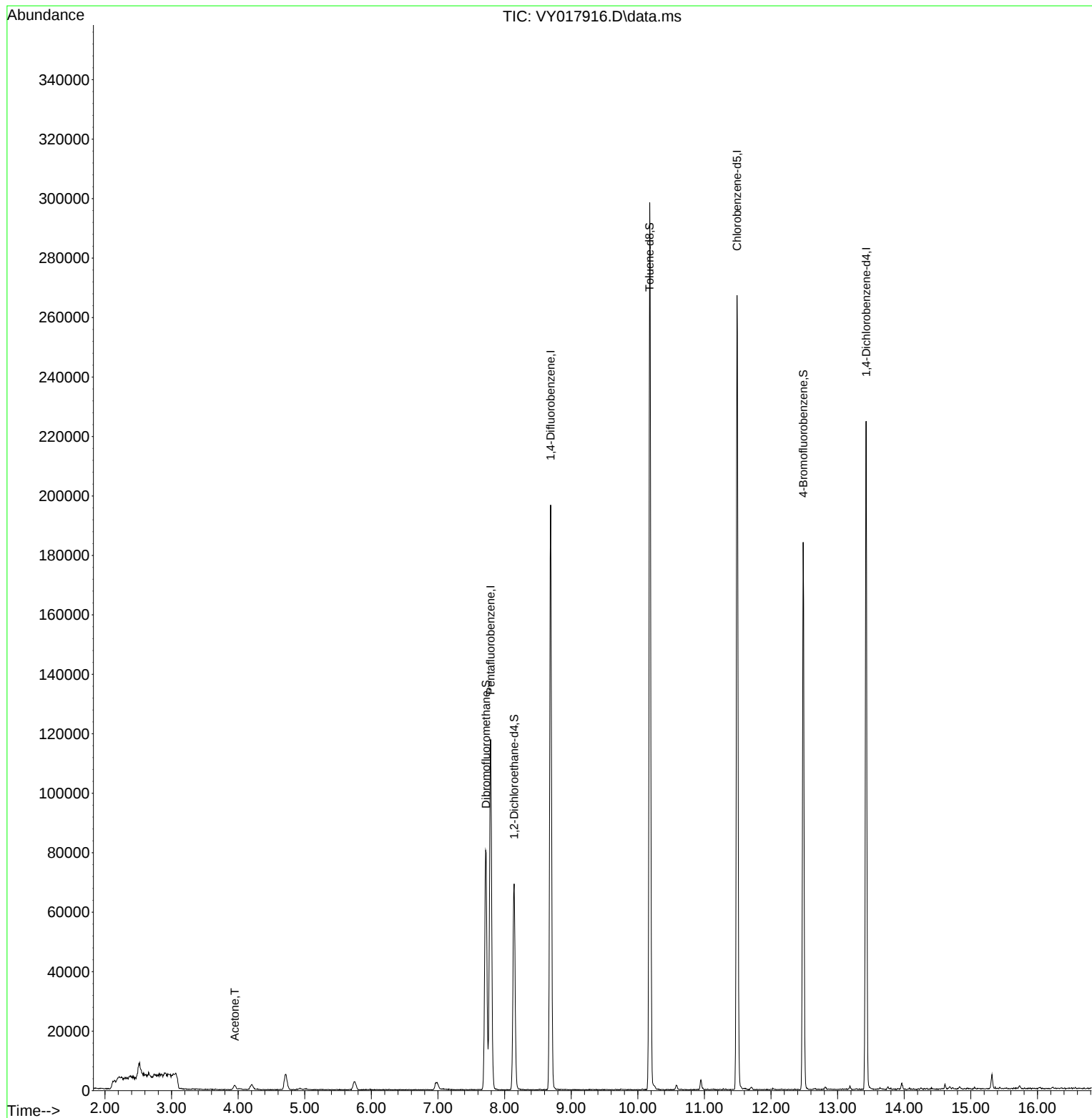
Internal Standards						
1) Pentafluorobenzene	7.789	168	94506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	169848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	149769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54120	66.178	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.360%
35) Dibromofluoromethane	7.722	113	56832	57.906	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.820%
50) Toluene-d8	10.179	98	199680	54.466	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.940%
62) 4-Bromofluorobenzene	12.483	95	51155	45.861	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.720%
Target Compounds						
16) Acetone	3.948	43	2729	16.144	ug/l	Qvalue 91

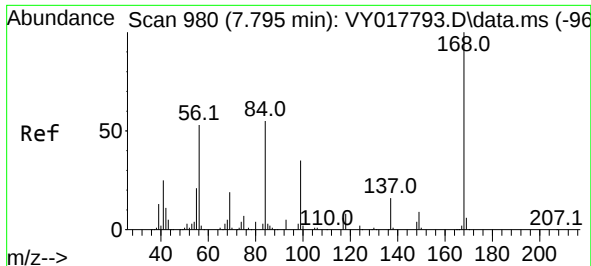
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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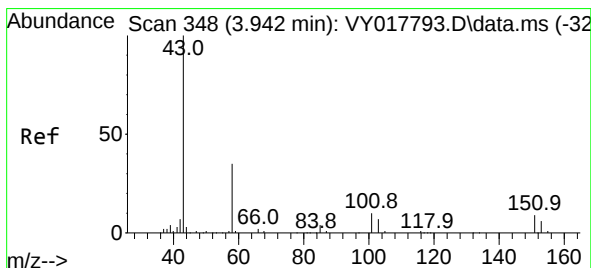
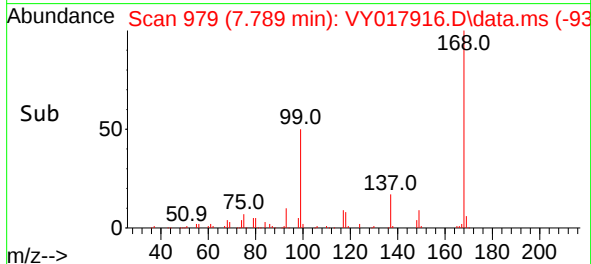
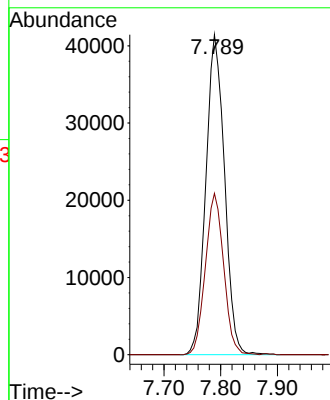
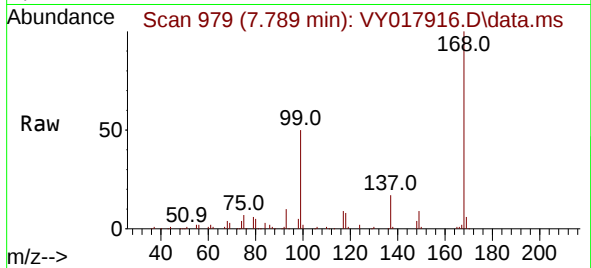




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017916.D
Acq: 11 Apr 2024 17:12

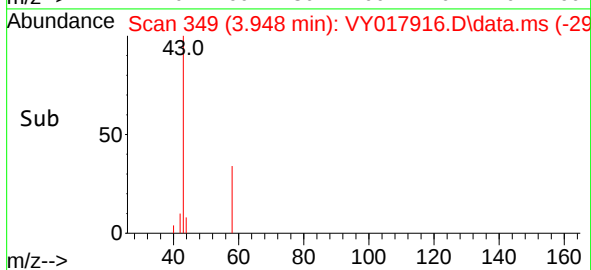
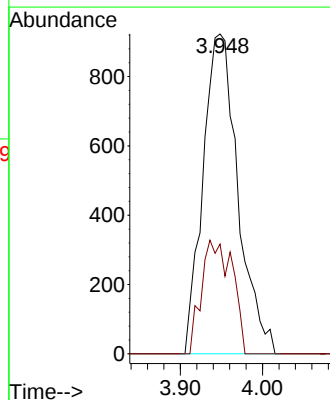
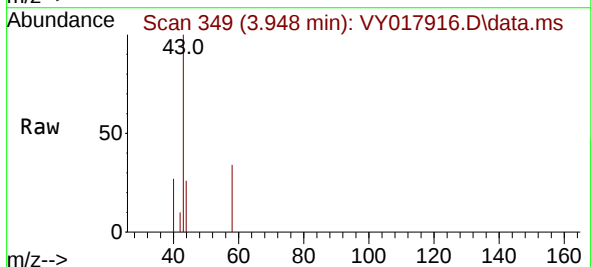
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-041124

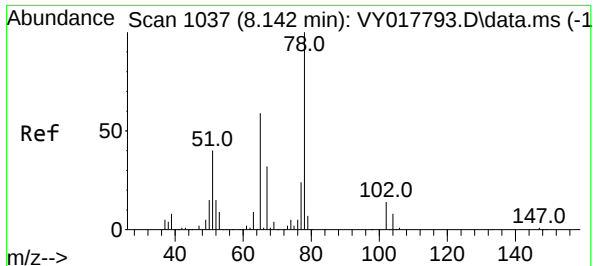
Tgt Ion:168 Resp: 94506
Ion Ratio Lower Upper
168 100
99 50.4 39.1 58.7



#16
Acetone
Concen: 16.144 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017916.D
Acq: 11 Apr 2024 17:12

Tgt Ion: 43 Resp: 2729
Ion Ratio Lower Upper
43 100
58 34.3 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 66.178 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017916.D

Acq: 11 Apr 2024 17:12

Instrument :

MSVOA_Y

ClientSampleId :

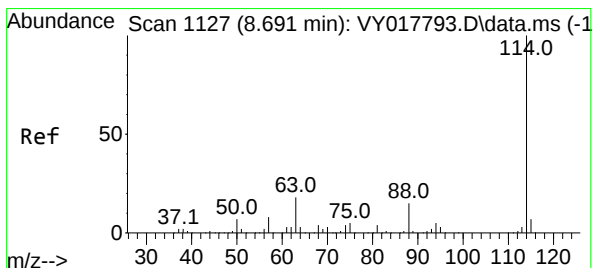
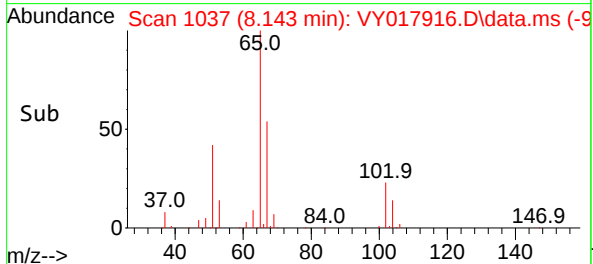
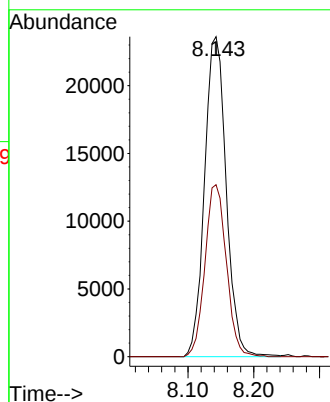
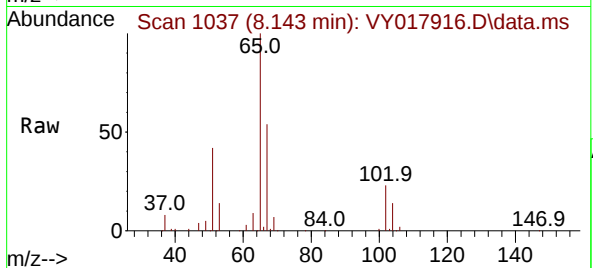
SU-04-041124

Tgt Ion: 65 Resp: 54120

Ion Ratio Lower Upper

65 100

67 53.1 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: VY017916.D

Acq: 11 Apr 2024 17:12

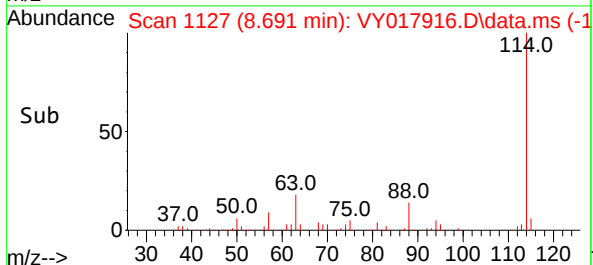
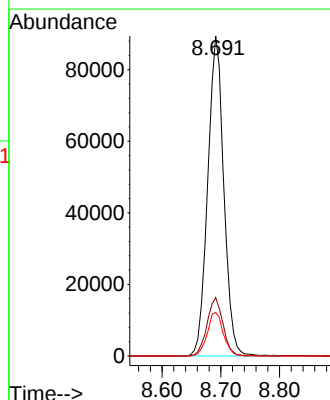
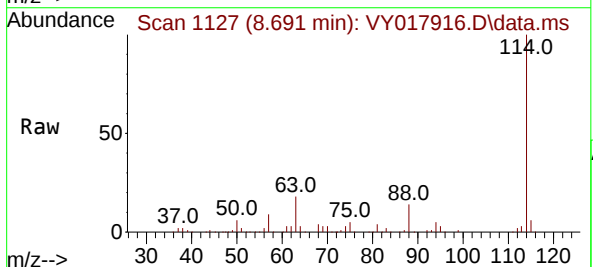
Tgt Ion: 114 Resp: 169848

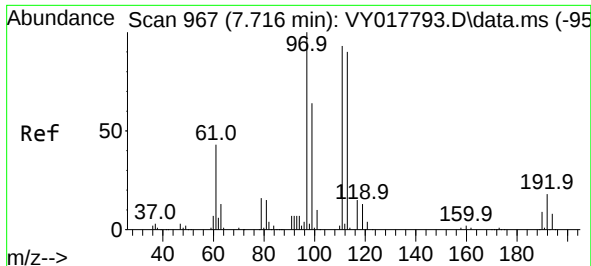
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 13.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 57.906 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY017916.D

Acq: 11 Apr 2024 17:12

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-041124

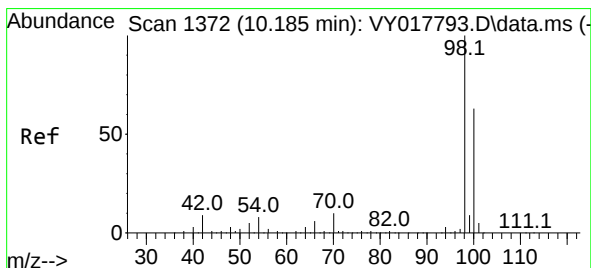
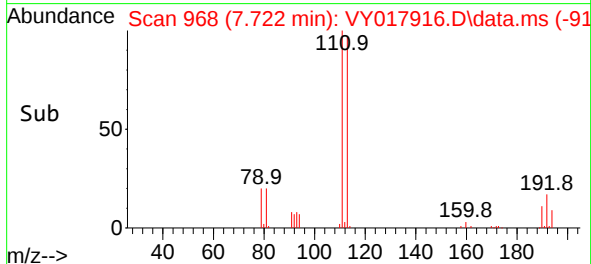
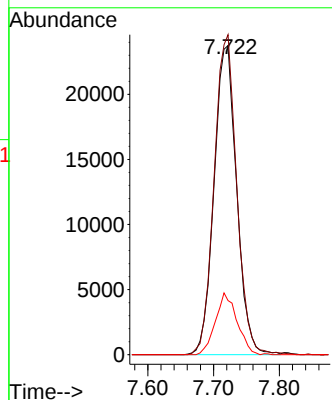
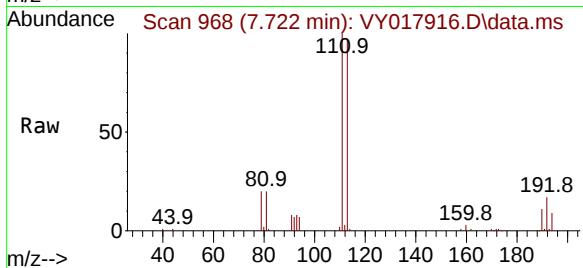
Tgt Ion:113 Resp: 56832

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 19.2 15.9 23.9



#50

Toluene-d8

Concen: 54.466 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY017916.D

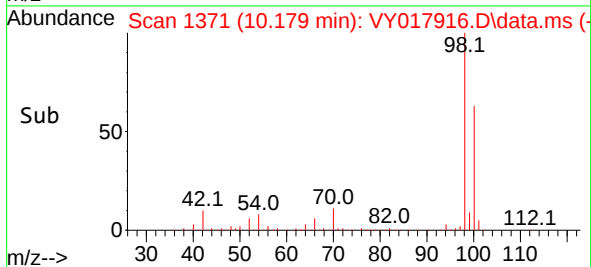
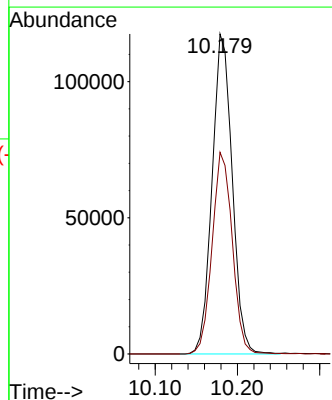
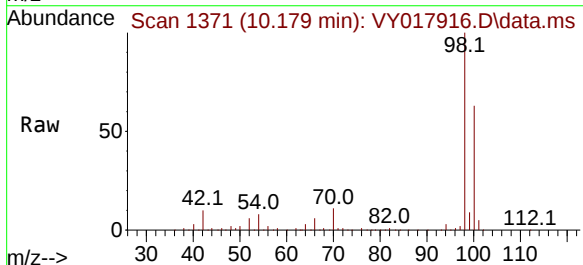
Acq: 11 Apr 2024 17:12

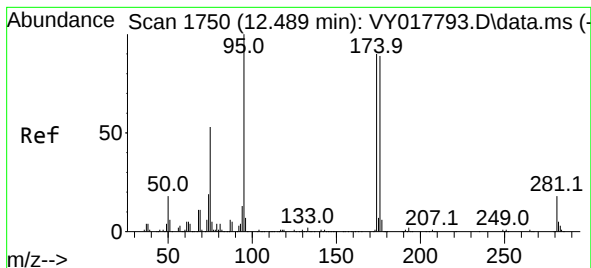
Tgt Ion: 98 Resp: 199680

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0

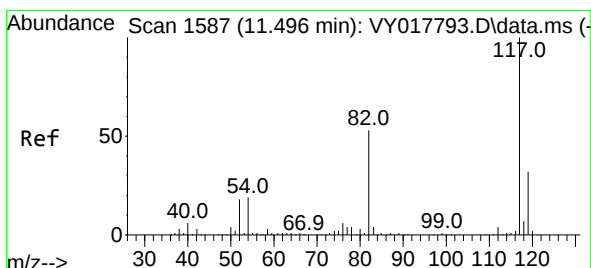
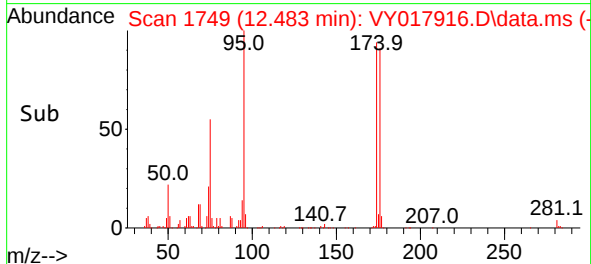
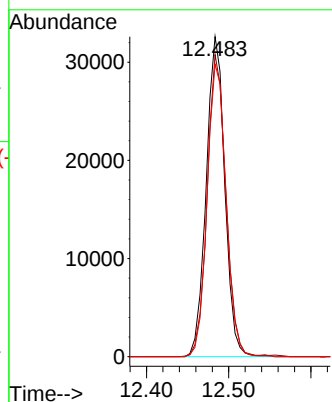
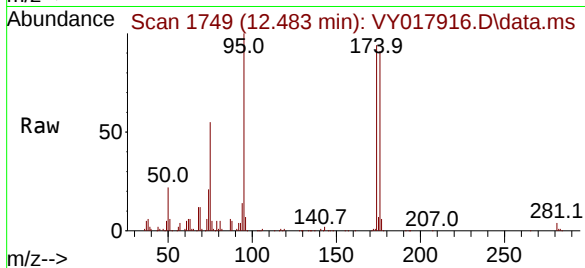




#62
4-Bromofluorobenzene
Concen: 45.861 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017916.D
Acq: 11 Apr 2024 17:12

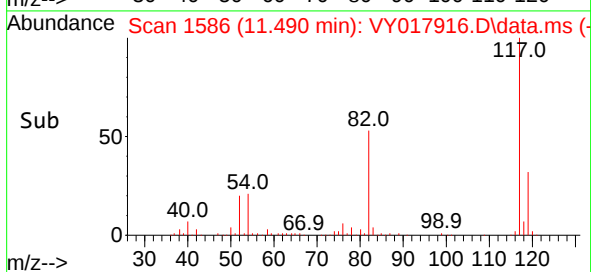
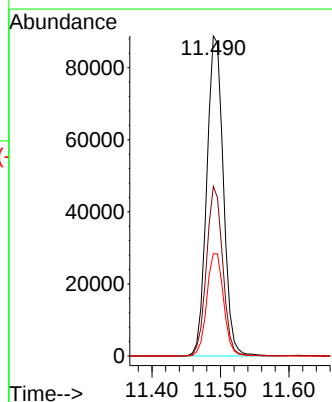
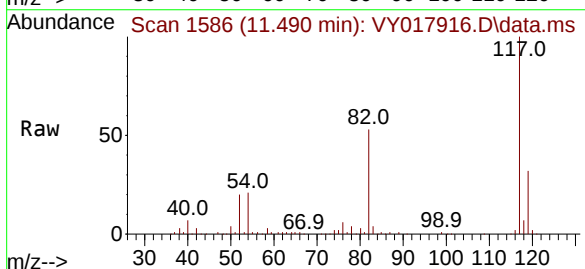
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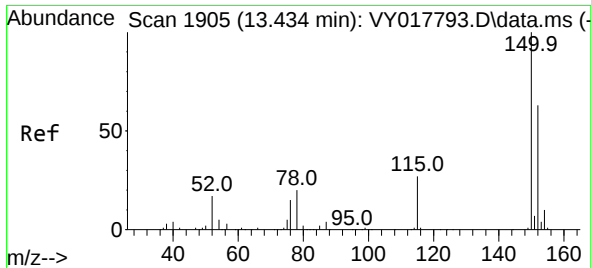
Tgt Ion: 95 Resp: 51155
Ion Ratio Lower Upper
95 100
174 94.7 0.0 175.6
176 93.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY017916.D
Acq: 11 Apr 2024 17:12

Tgt Ion: 117 Resp: 149769
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 31.9 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: VY017916.D
 Acq: 11 Apr 2024 17:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-041124

Tgt Ion:152 Resp: 57294
 Ion Ratio Lower Upper
 152 100
 115 54.5 28.2 84.7
 150 154.8 0.0 345.6

