

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
 Data File : VY017868.D
 Acq On : 05 Apr 2024 14:07
 Operator : SY/MD
 Sample : P1996-04RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2RE

Quant Time: Apr 06 04:47:31 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)

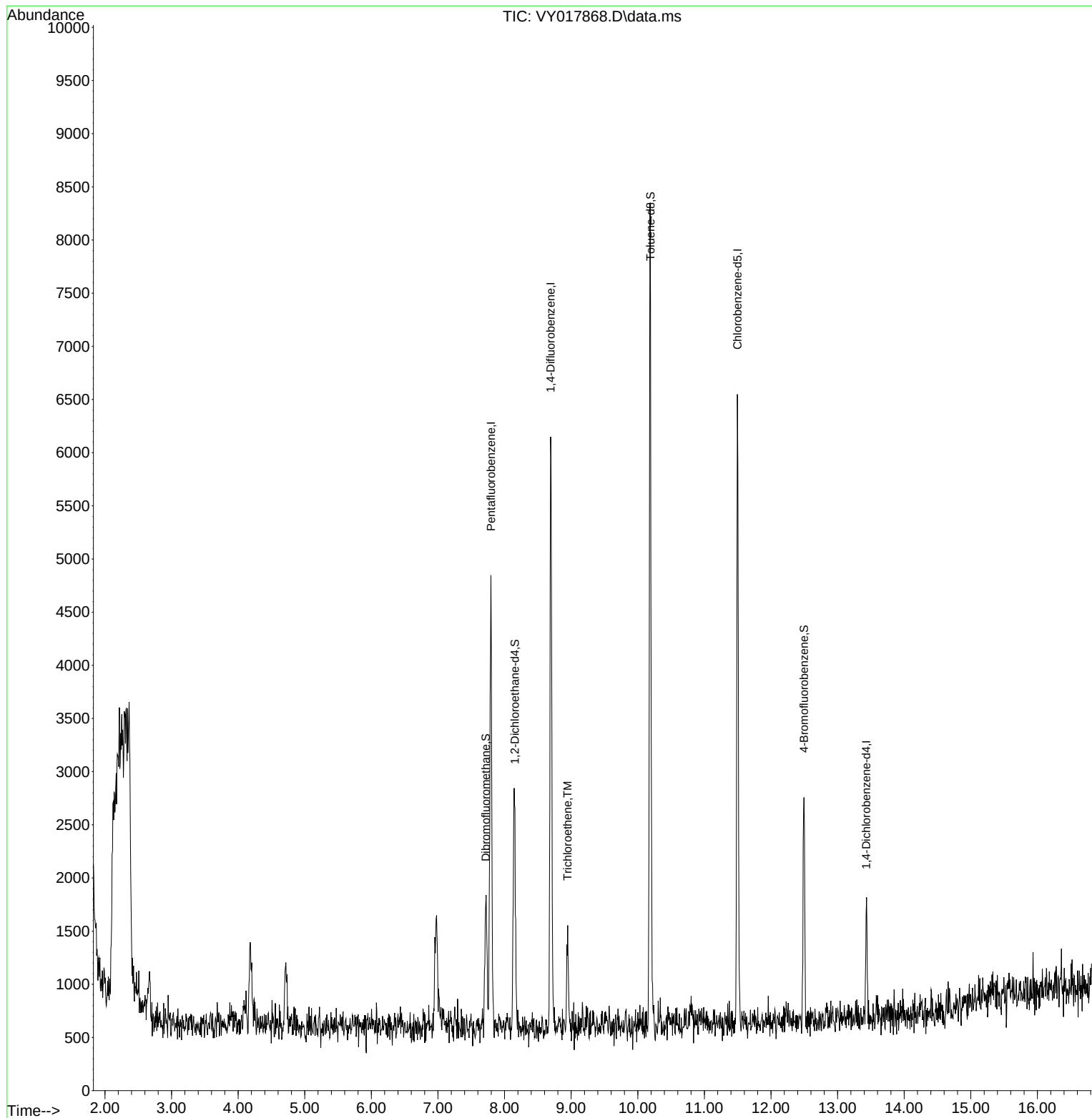
Internal Standards						
1) Pentafluorobenzene	7.795	168	3534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	1913	62.555	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.120%
35) Dibromofluoromethane	7.716	113	1022	34.517	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.040%
50) Toluene-d8	10.191	98	5509	49.809	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.495	95	755	22.437	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	44.880%
Target Compounds						
44) Trichloroethene	8.947	130	395	11.403	ug/l	Qvalue 56

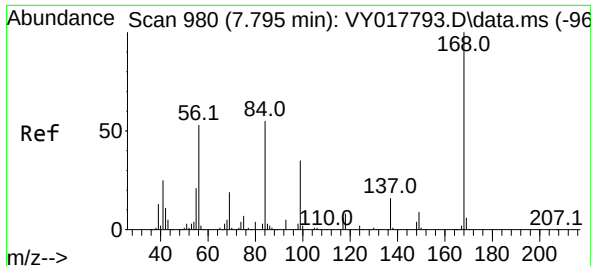
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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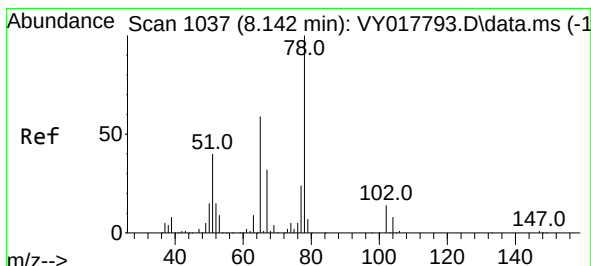
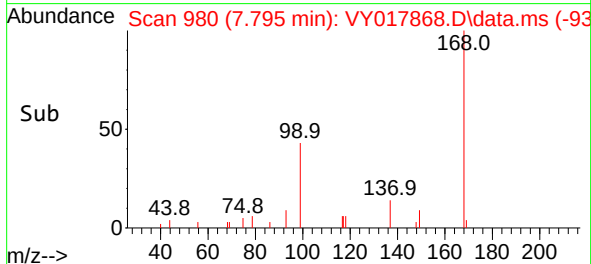
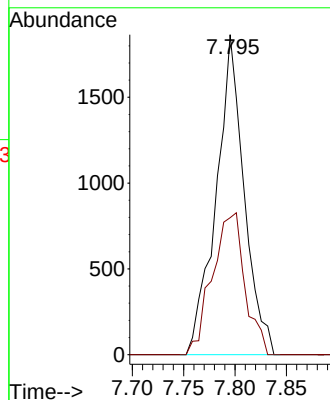
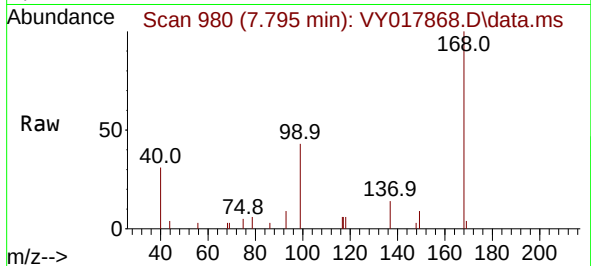




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017868.D
Acq: 05 Apr 2024 14:07

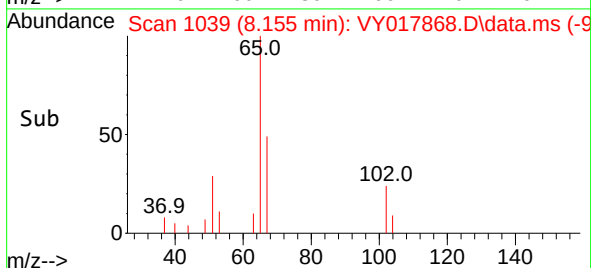
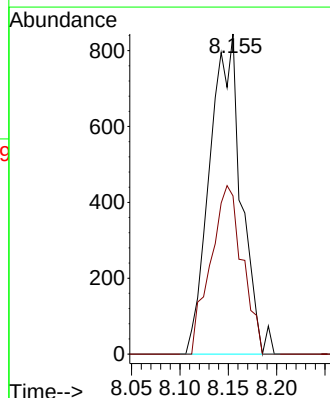
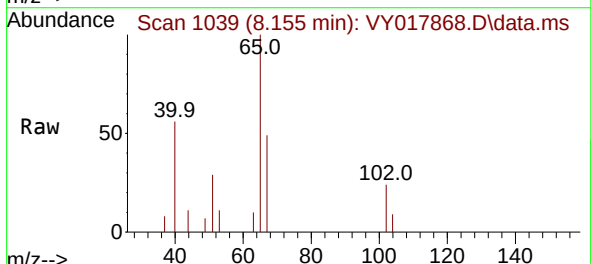
Instrument :
MSVOA_Y
ClientSampleId :
TP2RE

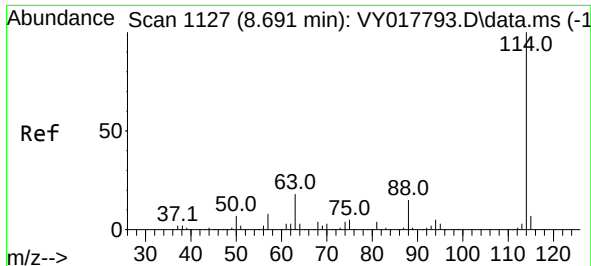
Tgt Ion:168 Resp: 3534
Ion Ratio Lower Upper
168 100
99 42.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 62.555 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY017868.D
Acq: 05 Apr 2024 14:07

Tgt Ion: 65 Resp: 1913
Ion Ratio Lower Upper
65 100
67 53.3 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: VY017868.D

Acq: 05 Apr 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

TP2RE

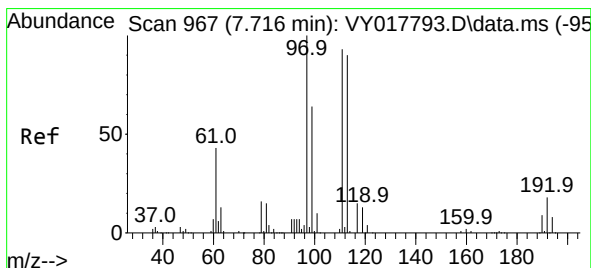
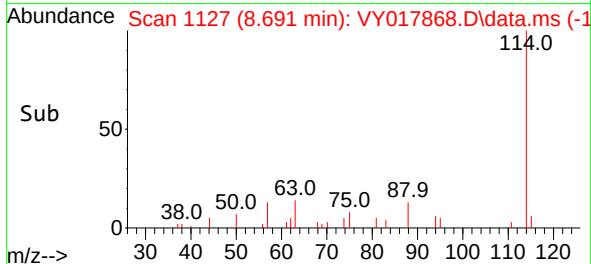
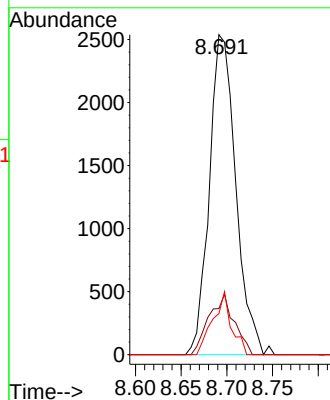
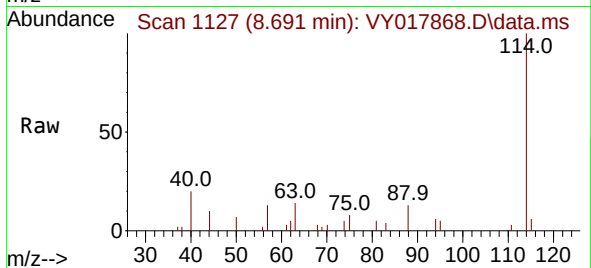
Tgt Ion:114 Resp: 5124

Ion Ratio Lower Upper

114 100

63 14.4 0.0 35.0

88 12.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 34.517 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017868.D

Acq: 05 Apr 2024 14:07

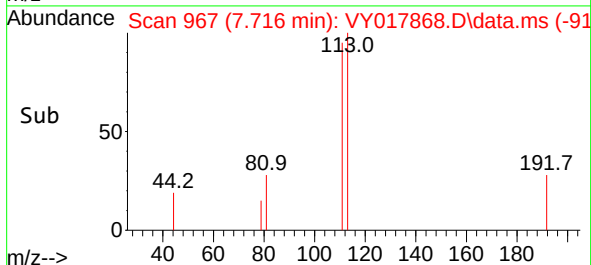
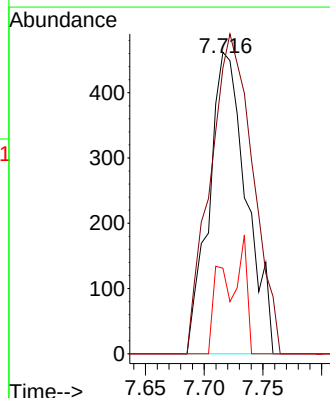
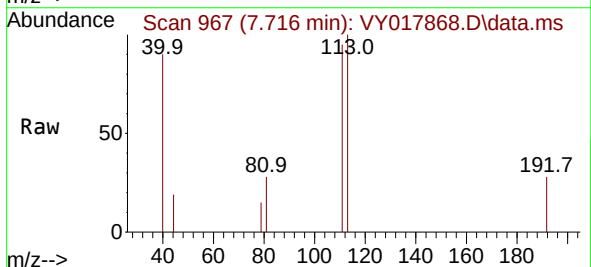
Tgt Ion:113 Resp: 1022

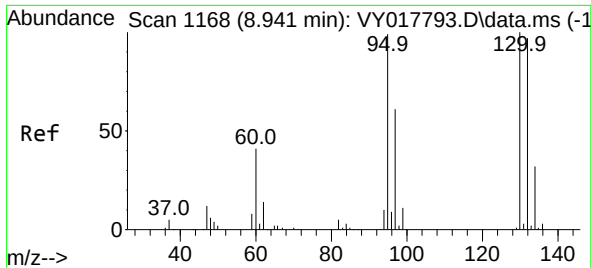
Ion Ratio Lower Upper

113 100

111 121.0 82.2 123.4

192 12.3 15.9 23.9#





#44

Trichloroethene

Concen: 11.403 ug/l

RT: 8.947 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY017868.D

Acq: 05 Apr 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

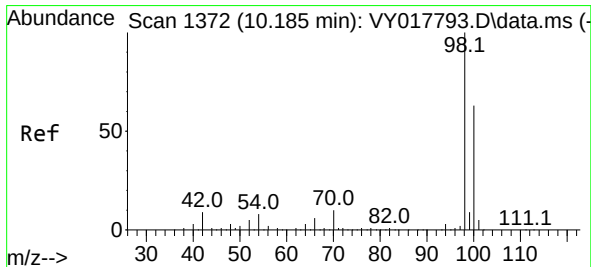
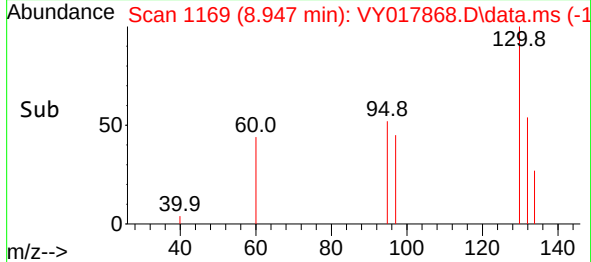
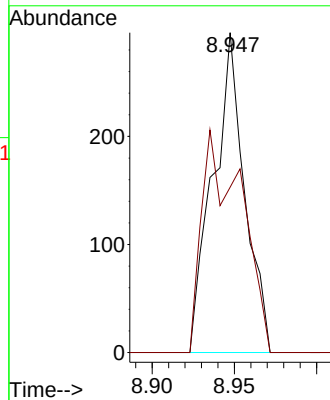
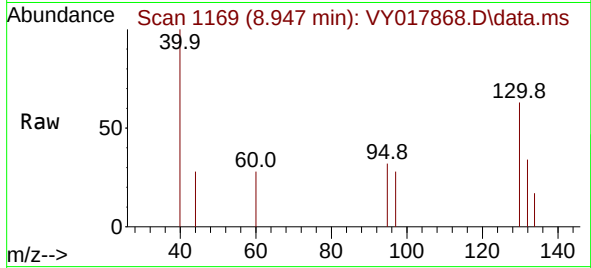
TP2RE

Tgt Ion:130 Resp: 395

Ion Ratio Lower Upper

130 100

95 51.7 0.0 188.0



#50

Toluene-d8

Concen: 49.809 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017868.D

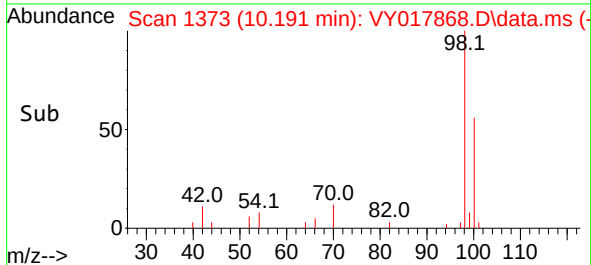
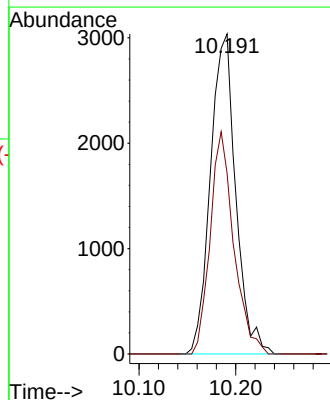
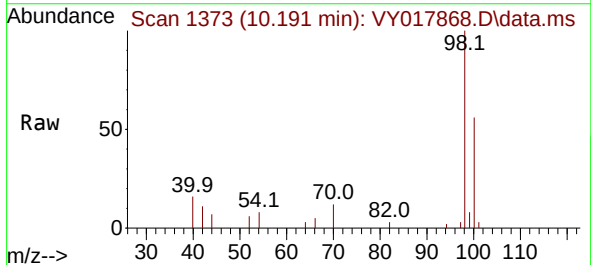
Acq: 05 Apr 2024 14:07

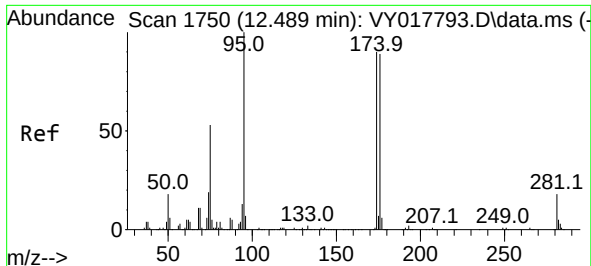
Tgt Ion: 98 Resp: 5509

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

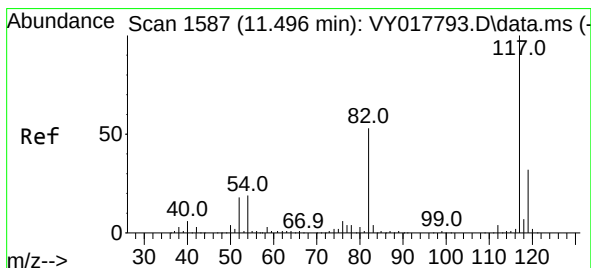
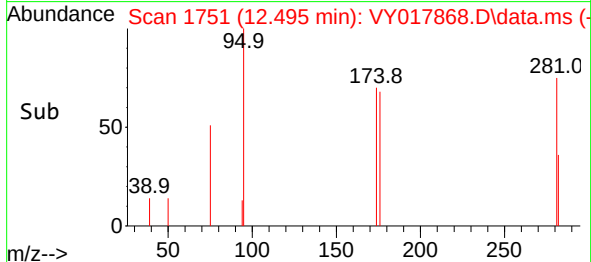
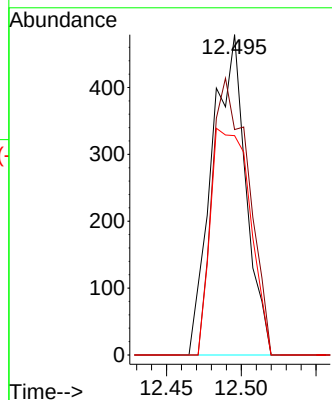
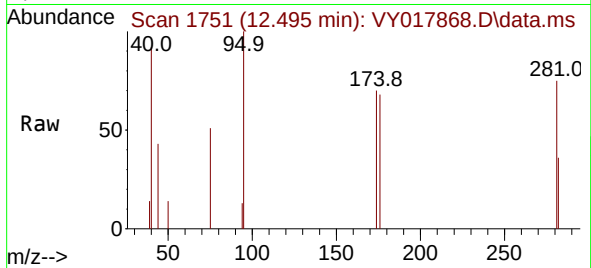




#62
4-Bromofluorobenzene
Concen: 22.437 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017868.D
Acq: 05 Apr 2024 14:07

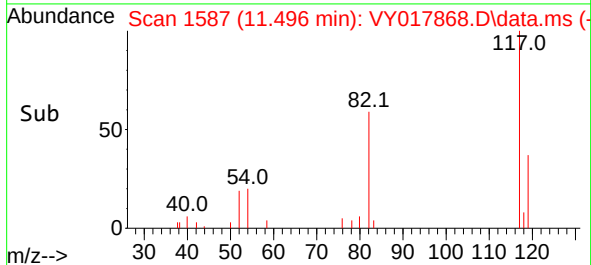
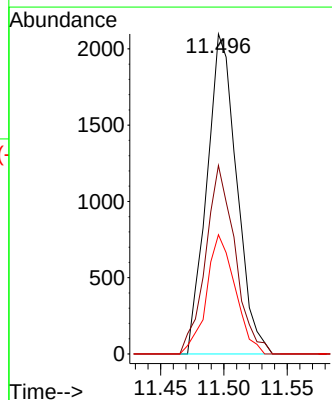
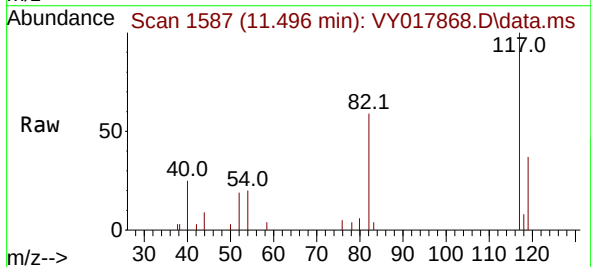
Instrument :
MSVOA_Y
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TP2RE

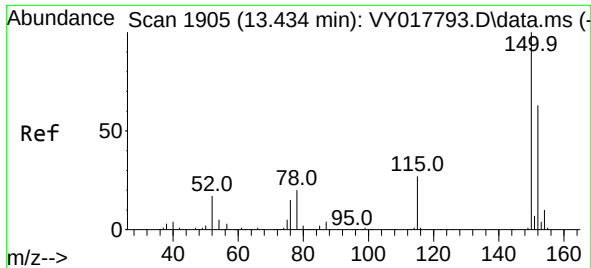
Tgt Ion: 95 Resp: 755
Ion Ratio Lower Upper
95 100
174 92.5 0.0 175.6
176 82.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017868.D
Acq: 05 Apr 2024 14:07

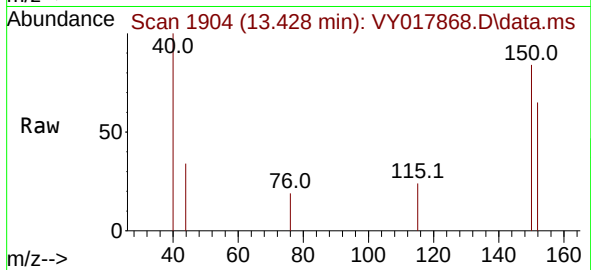
Tgt Ion: 117 Resp: 3445
Ion Ratio Lower Upper
117 100
82 58.9 42.4 63.6
119 37.2 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY017868.D
 Acq: 05 Apr 2024 14:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2RE



Tgt Ion:152 Resp: 511

Ion	Ratio	Lower	Upper
152	100		
115	35.4	28.2	84.7
150	141.9	0.0	345.6

