

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
 Data File : VY017867.D
 Acq On : 05 Apr 2024 13:43
 Operator : SY/MD
 Sample : P1996-01RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1RE

Quant Time: Apr 06 04:47:10 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)

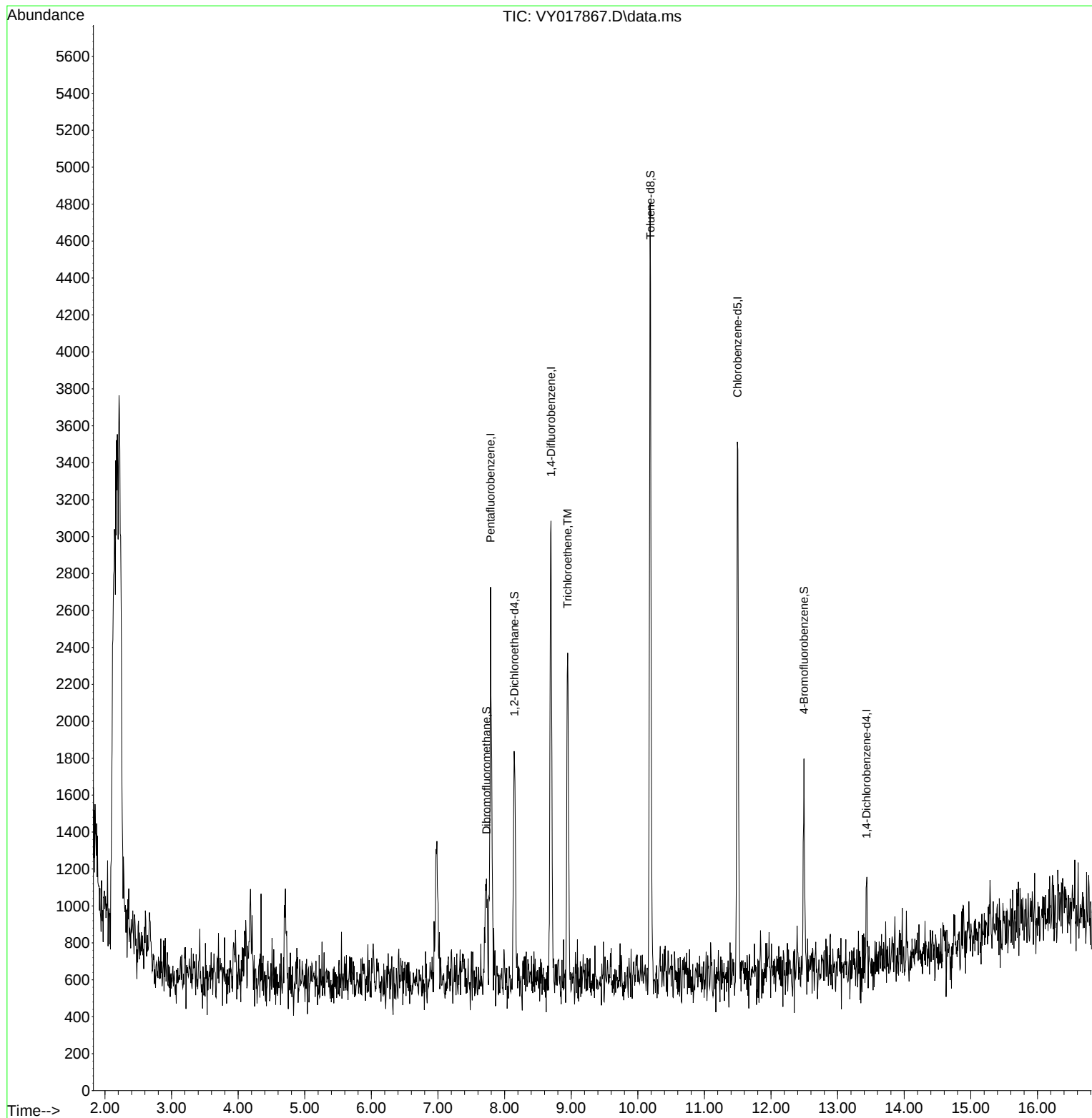
Internal Standards						
1) Pentafluorobenzene	7.789	168	1876	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	2932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1898	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	144	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1199	73.859	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.720%
35) Dibromofluoromethane	7.728	113	722	42.615	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.240%
50) Toluene-d8	10.191	98	3079	48.651	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.300%
62) 4-Bromofluorobenzene	12.495	95	260	13.503	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	27.000%#
Target Compounds						
44) Trichloroethene	8.947	130	689	34.762	ug/l	Qvalue 78

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

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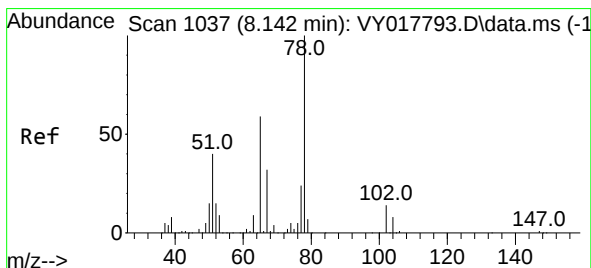
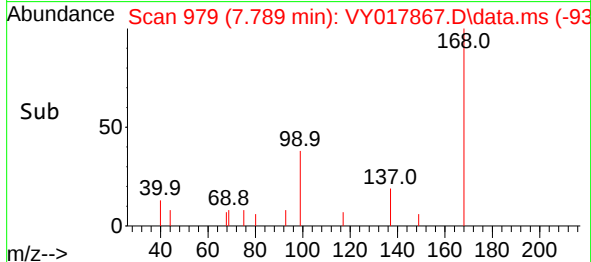
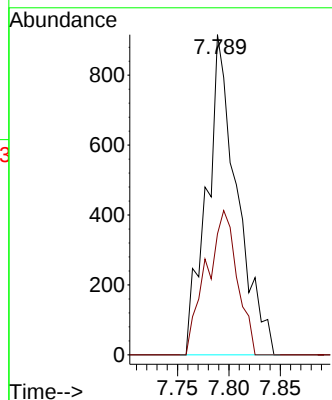
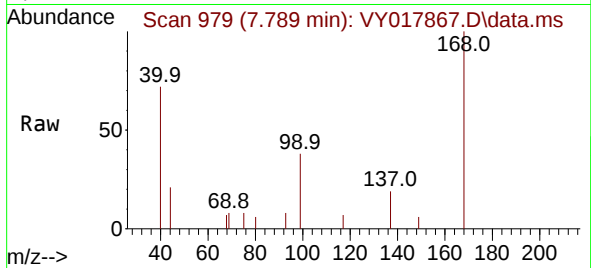




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017867.D
Acq: 05 Apr 2024 13:43

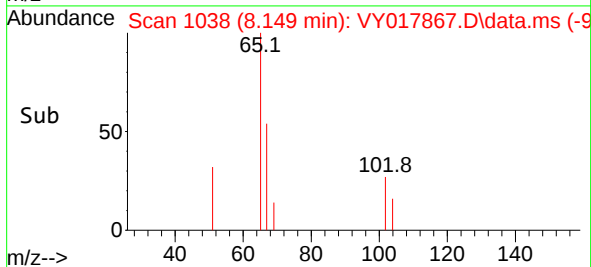
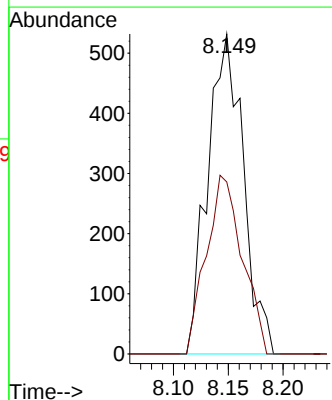
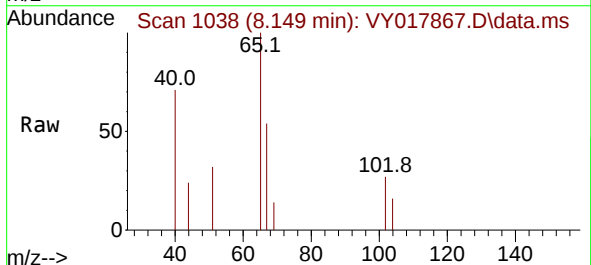
Instrument :
MSVOA_Y
ClientSampleId :
TP1RE

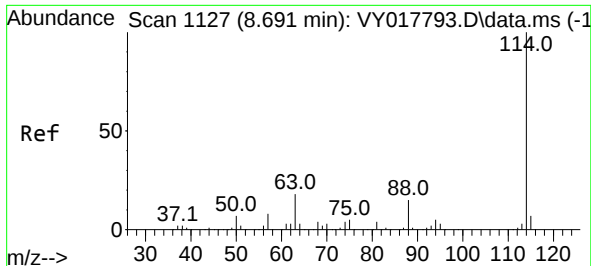
Tgt Ion:168 Resp: 1876
Ion Ratio Lower Upper
168 100
99 37.8 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 73.859 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017867.D
Acq: 05 Apr 2024 13:43

Tgt Ion: 65 Resp: 1199
Ion Ratio Lower Upper
65 100
67 56.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017867.D

Acq: 05 Apr 2024 13:43

Instrument :

MSVOA_Y

ClientSampleId :

TP1RE

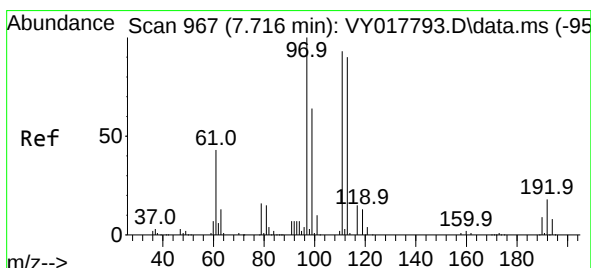
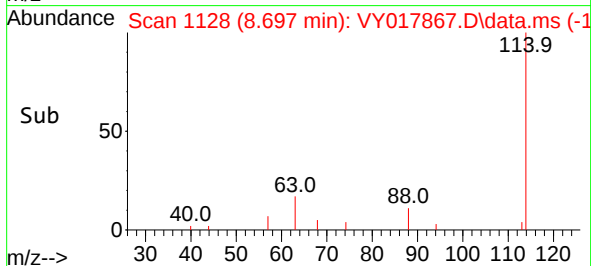
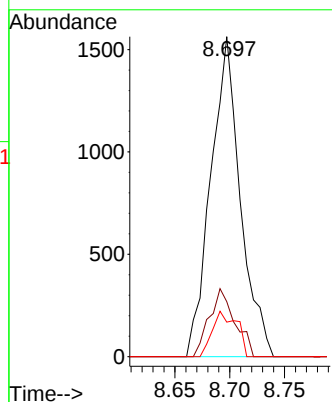
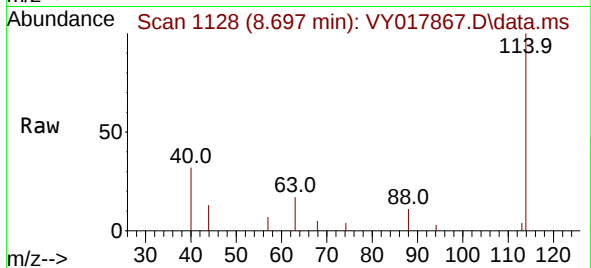
Tgt Ion:114 Resp: 2932

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 10.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 42.615 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY017867.D

Acq: 05 Apr 2024 13:43

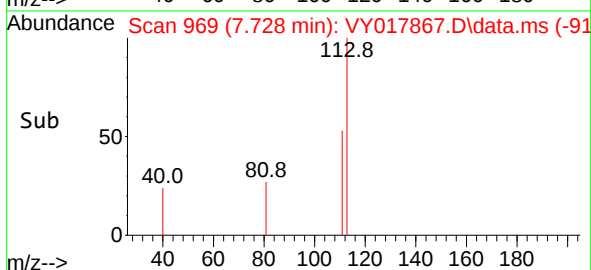
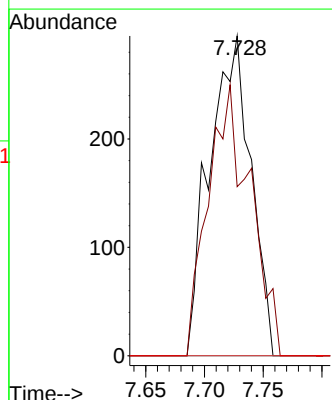
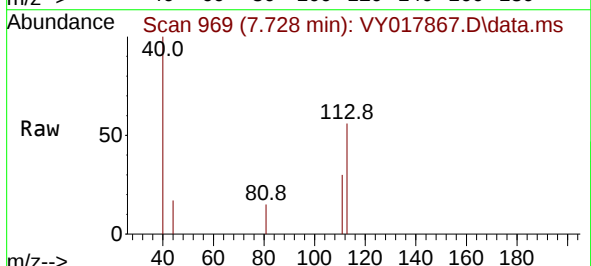
Tgt Ion:113 Resp: 722

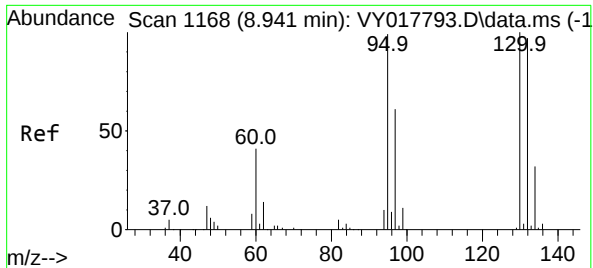
Ion Ratio Lower Upper

113 100

111 86.3 82.2 123.4

192 0.0 15.9 23.9#

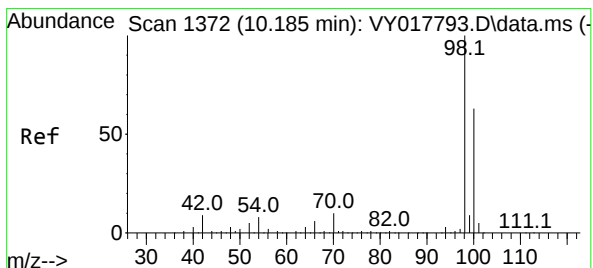
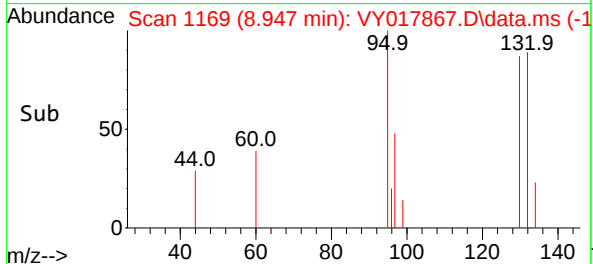
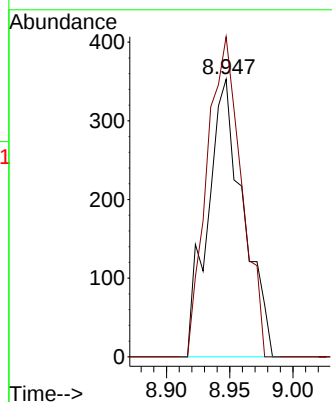
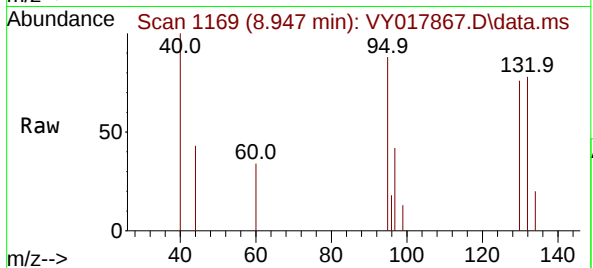




#44
 Trichloroethene
 Concen: 34.762 ug/l
 RT: 8.947 min Scan# 1168
 Delta R.T. 0.006 min
 Lab File: VY017867.D
 Acq: 05 Apr 2024 13:43

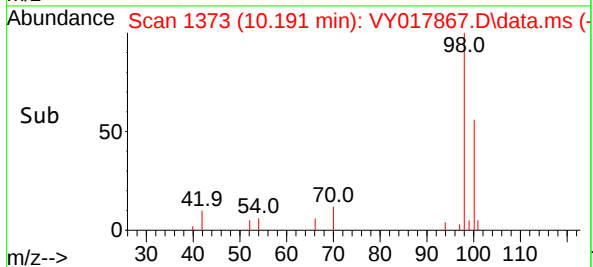
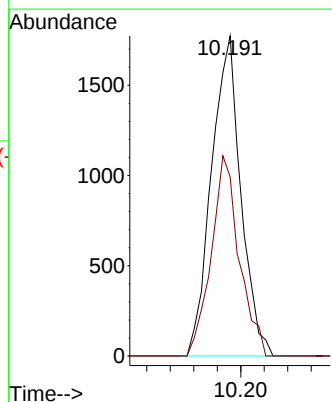
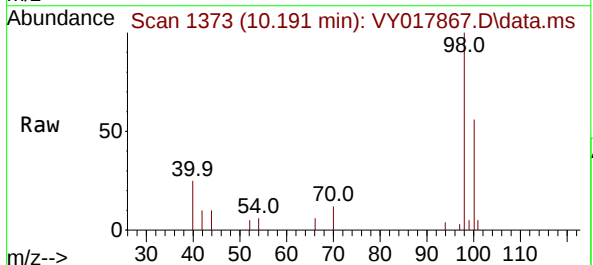
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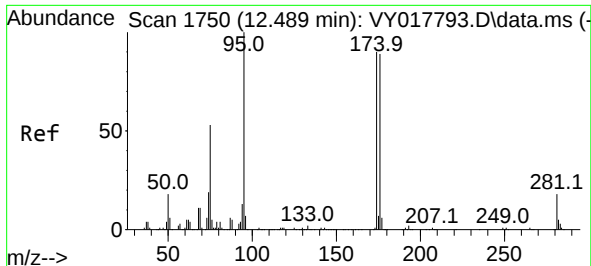
Tgt Ion:130 Resp: 689
 Ion Ratio Lower Upper
 130 100
 95 115.3 0.0 188.0



#50
 Toluene-d8
 Concen: 48.651 ug/l
 RT: 10.191 min Scan# 1373
 Delta R.T. 0.006 min
 Lab File: VY017867.D
 Acq: 05 Apr 2024 13:43

Tgt Ion: 98 Resp: 3079
 Ion Ratio Lower Upper
 98 100
 100 59.5 52.0 78.0

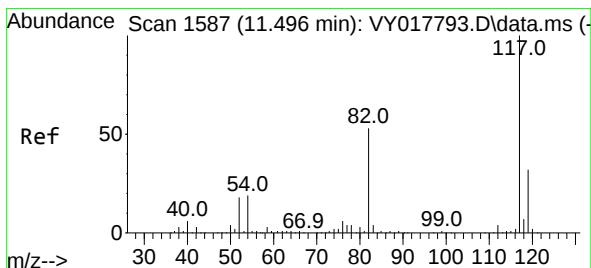
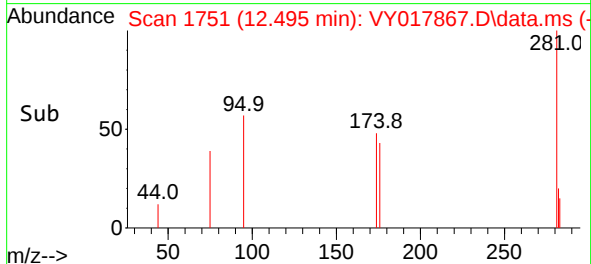
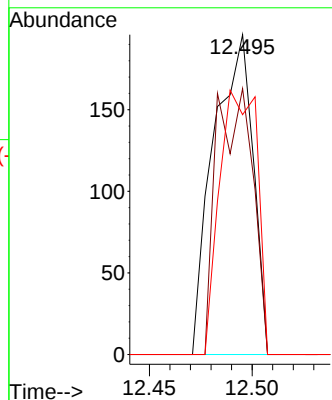
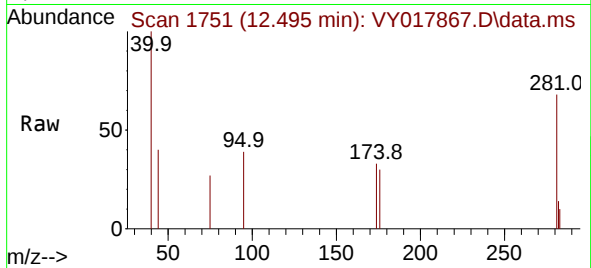




#62
4-Bromofluorobenzene
Concen: 13.503 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017867.D
Acq: 05 Apr 2024 13:43

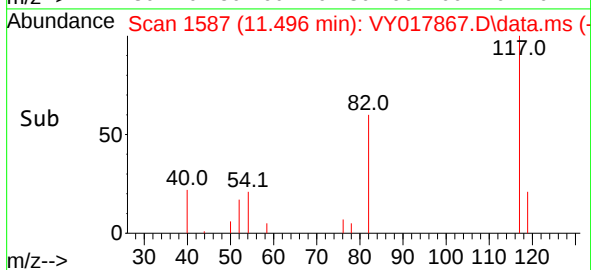
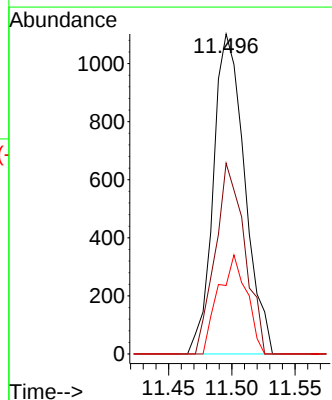
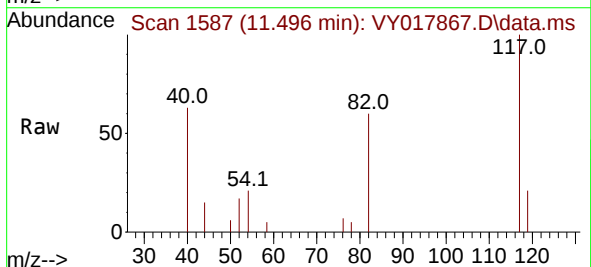
Instrument :
MSVOA_Y
ClientSampleId :
TP1RE

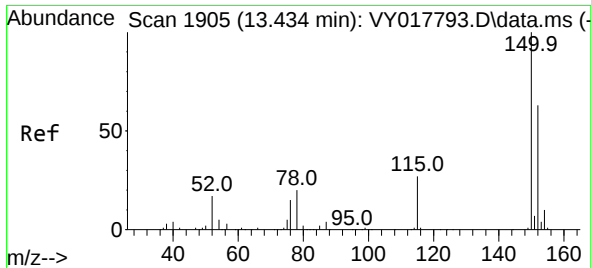
Tgt Ion: 95 Resp: 260
Ion Ratio Lower Upper
95 100
174 76.9 0.0 175.6
176 78.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY017867.D
Acq: 05 Apr 2024 13:43

Tgt Ion: 117 Resp: 1898
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 21.4 25.9 38.9#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY017867.D

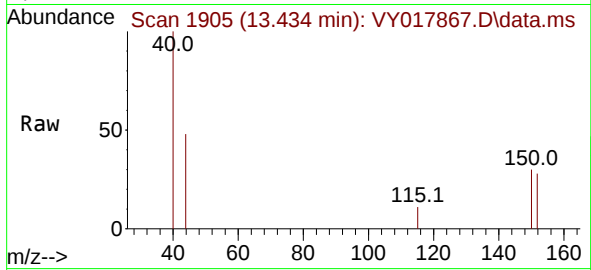
Acq: 05 Apr 2024 13:43

Instrument :

MSVOA_Y

ClientSampleId :

TP1RE



Tgt Ion:152 Resp: 144

Ion Ratio Lower Upper

152 100

115 12.5 28.2 84.7#

150 194.4 0.0 345.6

