

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022224\
 Data File : VY017458.D
 Acq On : 22 Feb 2024 15:13
 Operator : SY/MD
 Sample : P1537-06RE
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 6RE

Quant Time: Feb 23 00:30:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

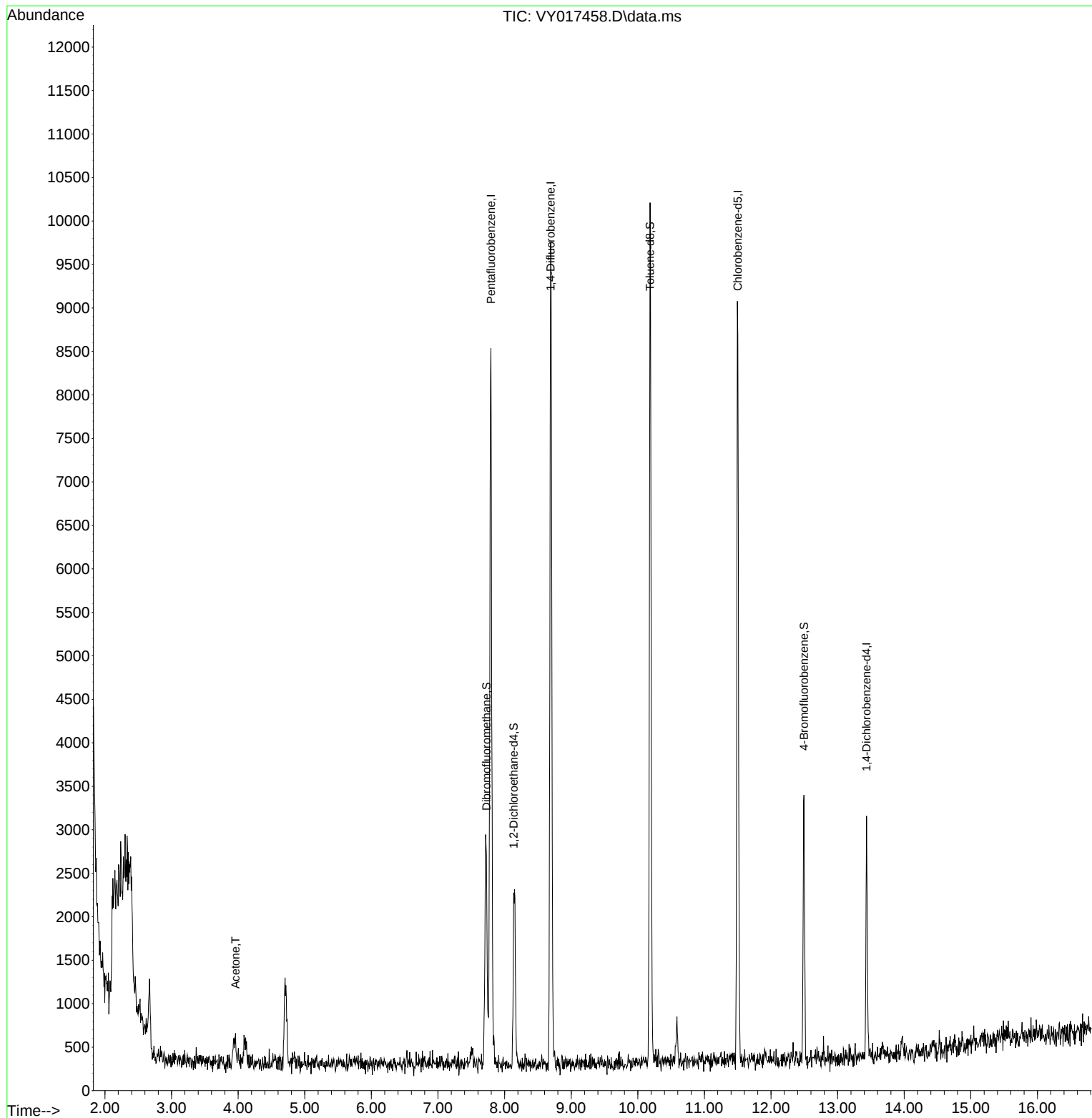
Internal Standards						
1) Pentafluorobenzene	7.795	168	7209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	9271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	6014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1863	30.251	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	60.500%
35) Dibromofluoromethane	7.728	113	2191	40.373	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.740%
50) Toluene-d8	10.185	98	7184	34.132	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	68.260%
62) 4-Bromofluorobenzene	12.495	95	997	15.440	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	30.880%
Target Compounds					Qvalue	
16) Acetone	3.960	43	616	46.185	ug/l	94

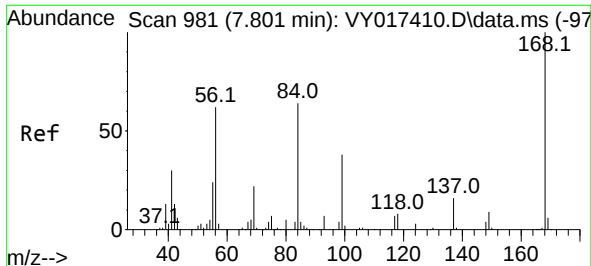
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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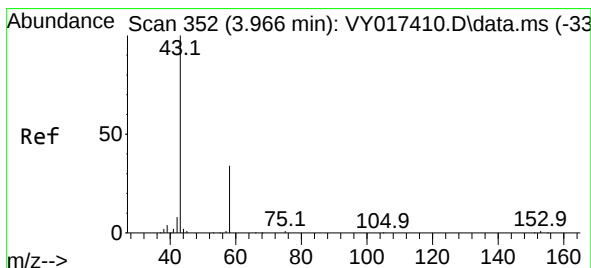
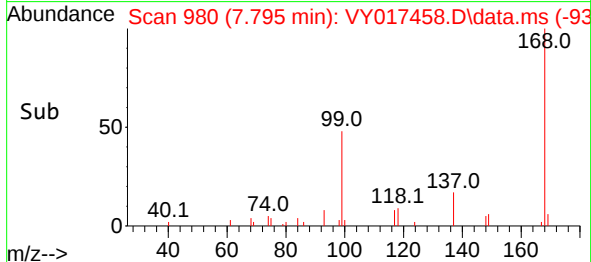
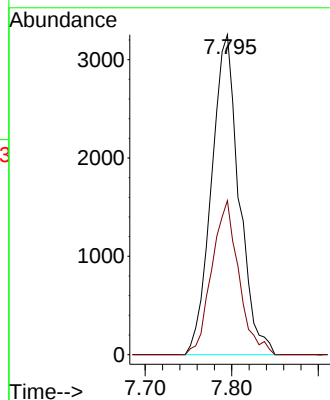
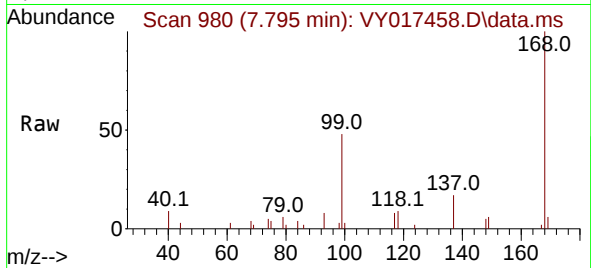




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017458.D
Acq: 22 Feb 2024 15:13

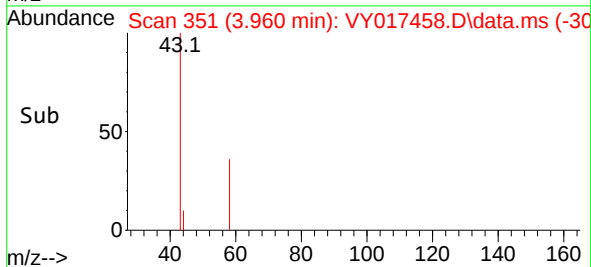
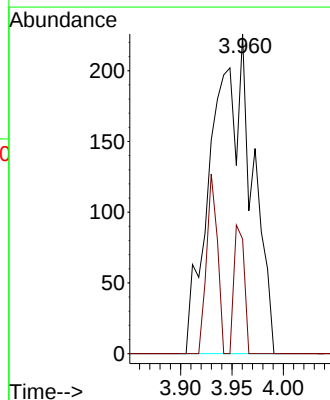
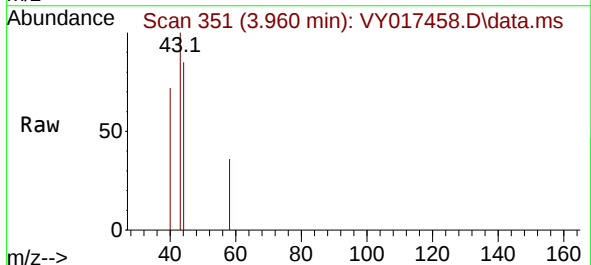
Instrument :
MSVOA_Y
ClientSampleId :
6RE

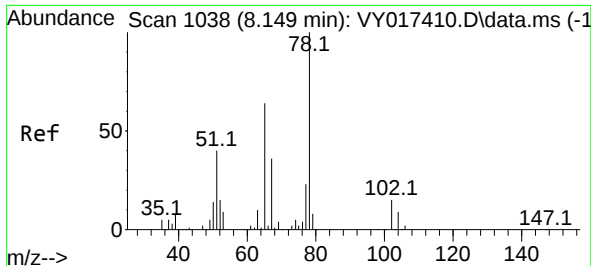
Tgt Ion:168 Resp: 7209
Ion Ratio Lower Upper
168 100
99 48.1 39.1 58.7



#16
Acetone
Concen: 46.185 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY017458.D
Acq: 22 Feb 2024 15:13

Tgt Ion: 43 Resp: 616
Ion Ratio Lower Upper
43 100
58 35.8 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 30.251 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VY017458.D

Acq: 22 Feb 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

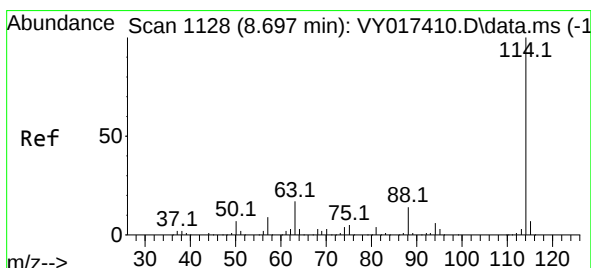
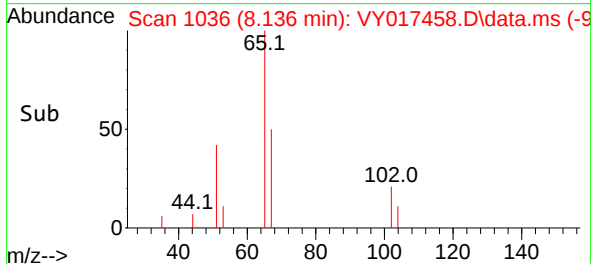
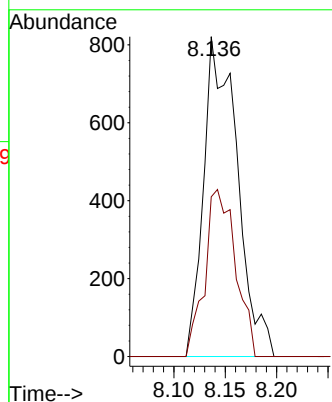
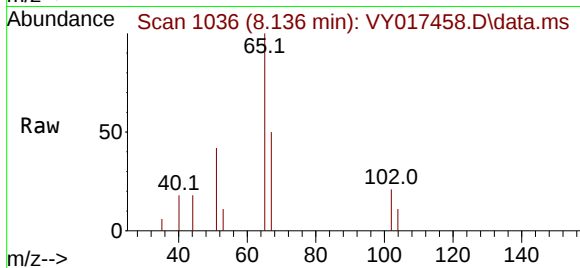
6RE

Tgt Ion: 65 Resp: 1863

Ion Ratio Lower Upper

65 100

67 47.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY017458.D

Acq: 22 Feb 2024 15:13

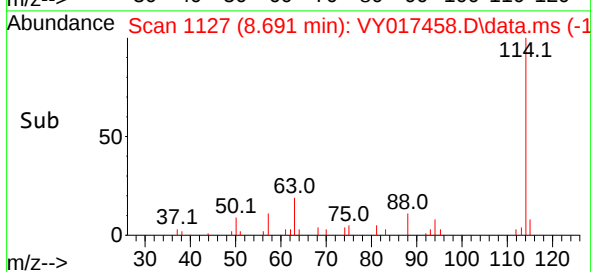
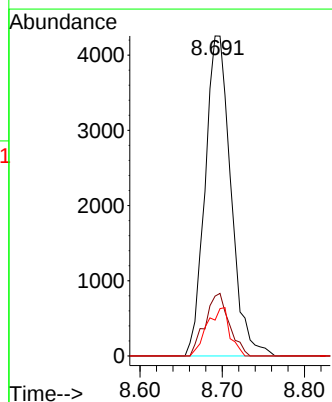
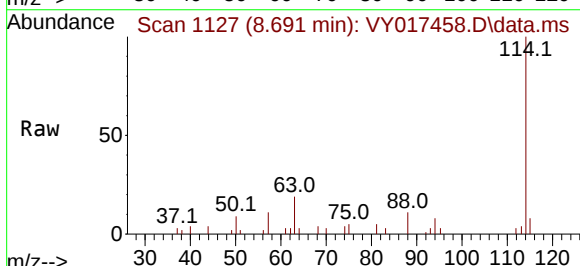
Tgt Ion: 114 Resp: 9271

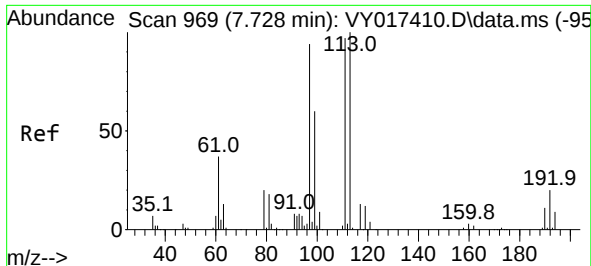
Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 11.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 40.373 ug/l

RT: 7.728 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY017458.D

Acq: 22 Feb 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

6RE

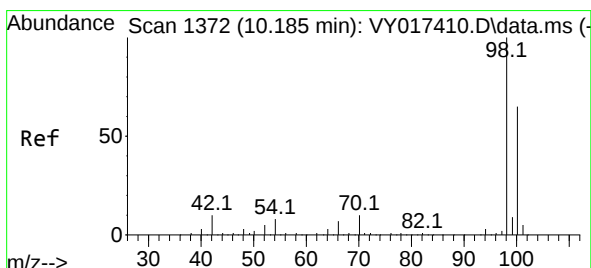
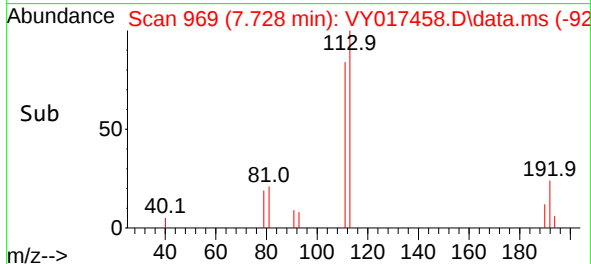
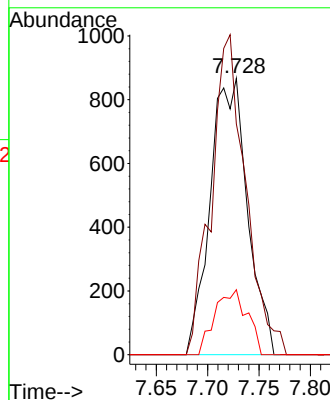
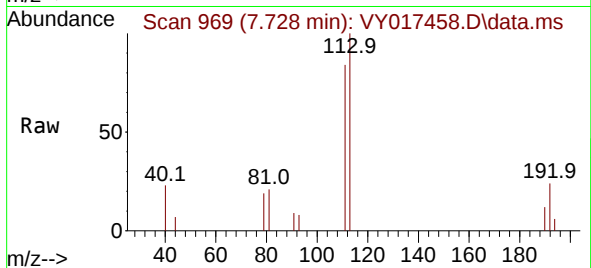
Tgt Ion:113 Resp: 2191

Ion Ratio Lower Upper

113 100

111 106.4 82.2 123.4

192 20.4 15.9 23.9



#50

Toluene-d8

Concen: 34.132 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017458.D

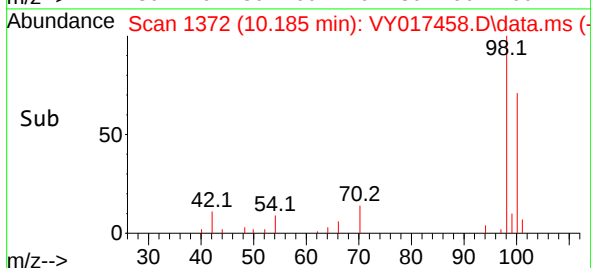
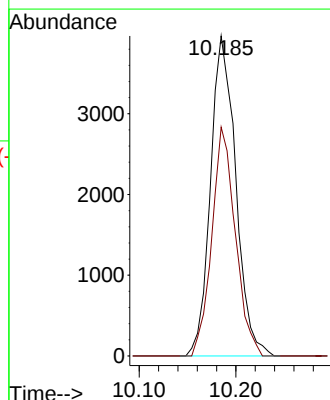
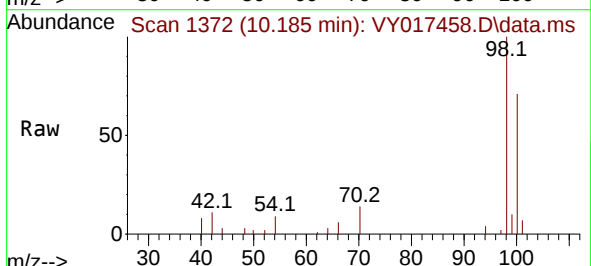
Acq: 22 Feb 2024 15:13

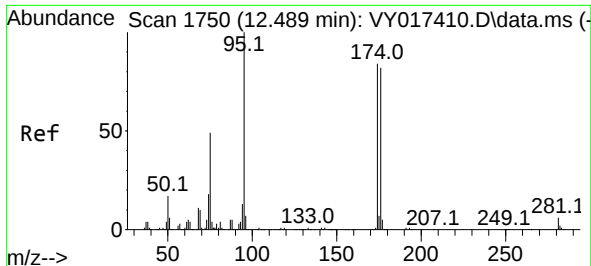
Tgt Ion: 98 Resp: 7184

Ion Ratio Lower Upper

98 100

100 66.7 52.0 78.0

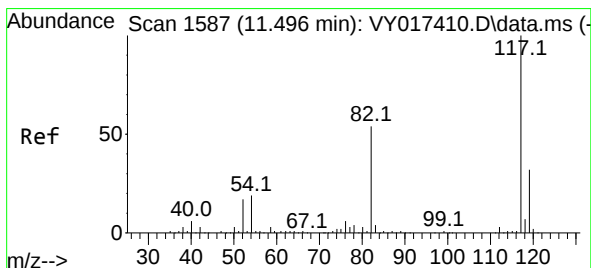
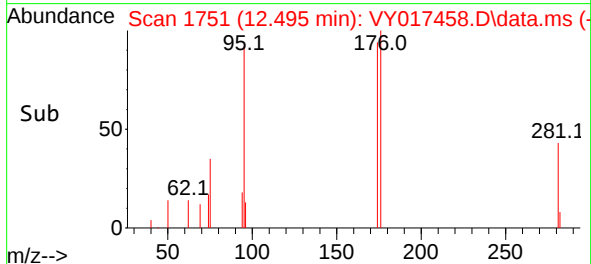
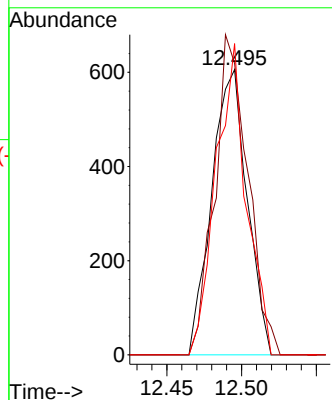
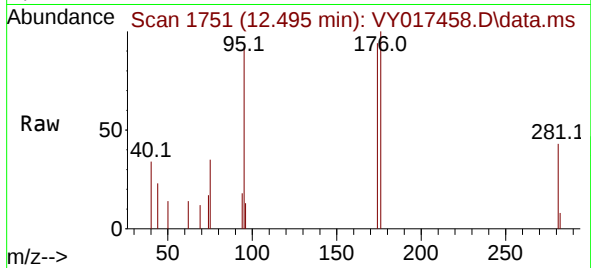




#62
4-Bromofluorobenzene
Concen: 15.440 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017458.D
Acq: 22 Feb 2024 15:13

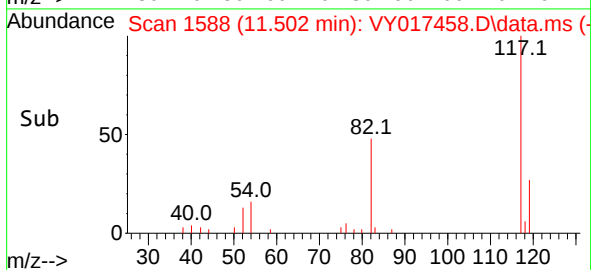
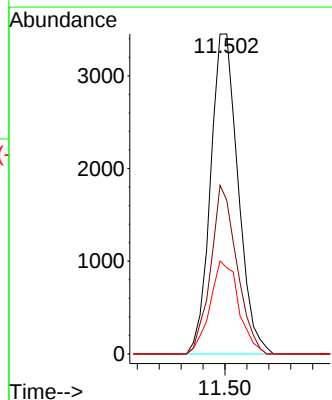
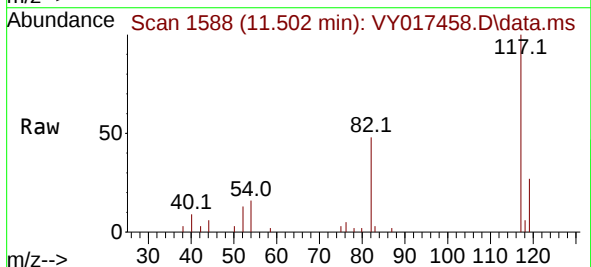
Instrument :
MSVOA_Y
ClientSampleId :
6RE

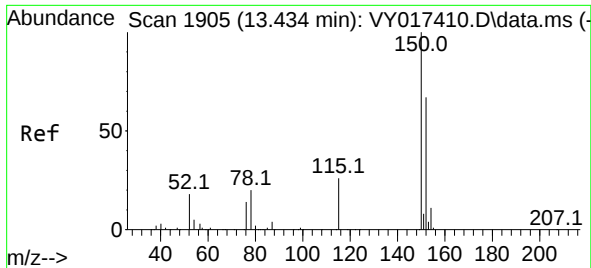
Tgt Ion:	95	Resp:	997
Ion	Ratio	Lower	Upper
95	100		
174	105.5	0.0	175.6
176	94.3	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017458.D
Acq: 22 Feb 2024 15:13

Tgt Ion:	117	Resp:	6014
Ion	Ratio	Lower	Upper
117	100		
82	48.1	42.4	63.6
119	26.9	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: VY017458.D

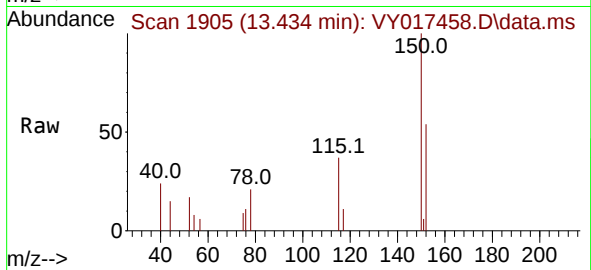
Acq: 22 Feb 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

6RE



Tgt Ion:152 Resp: 900

Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.7

150 173.3 0.0 345.6

