

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071524\
 Data File : VY018816.D
 Acq On : 15 Jul 2024 16:36
 Operator : SY/MD
 Sample : P3207-03RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR2520700RE

Quant Time: Jul 15 17:01:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	10090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	14441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	8882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2224	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	3204	32.270	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	64.540%
35) Dibromofluoromethane	7.697	113	4272	47.232	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.460%
50) Toluene-d8	10.173	98	14159	41.320	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.640%
62) 4-Bromofluorobenzene	12.477	95	2636	22.526	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	45.060%

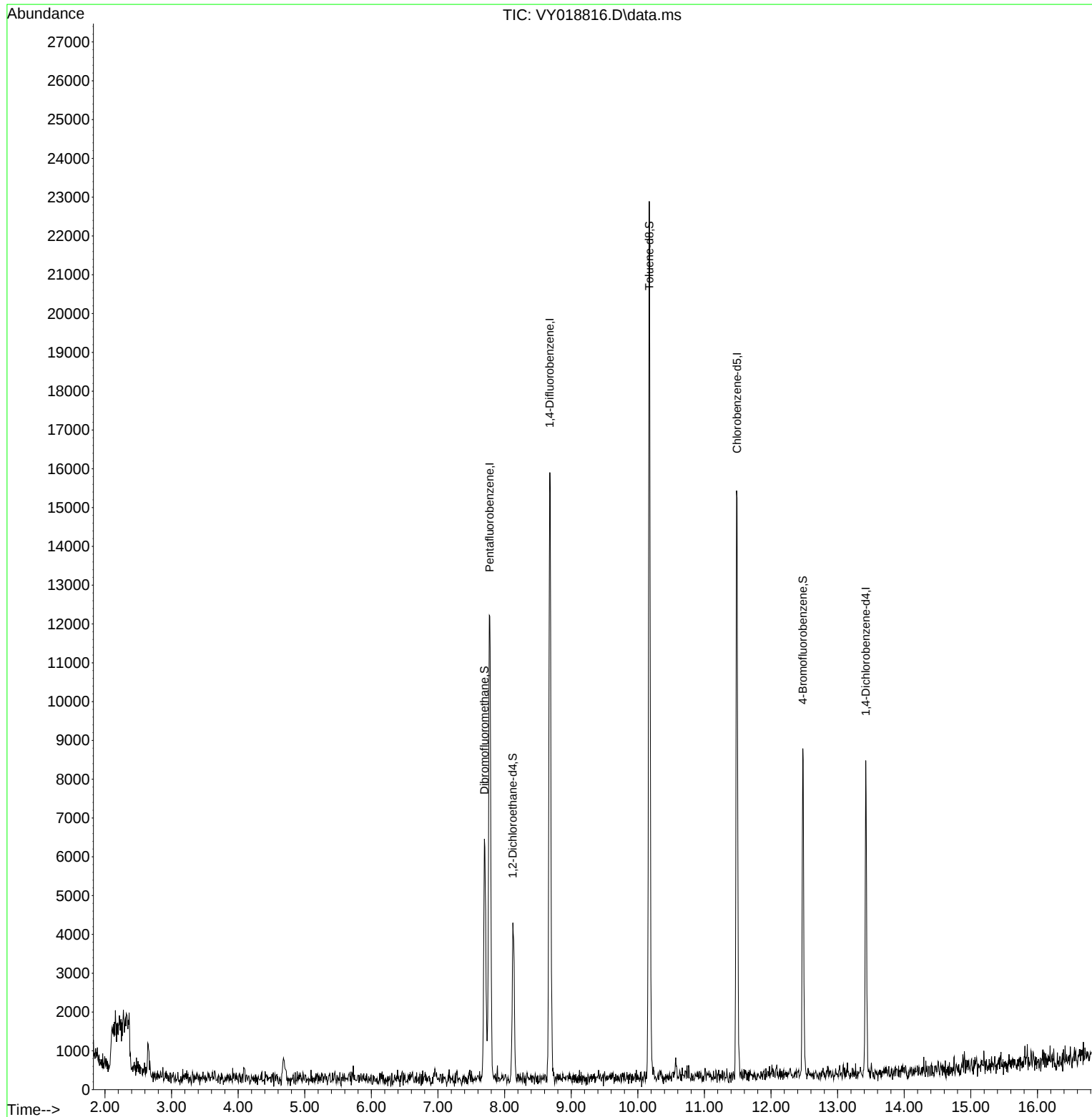
Target Compounds	Qvalue

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

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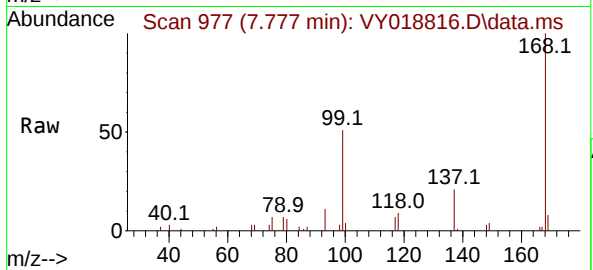
Quant Time: Jul 15 17:01:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
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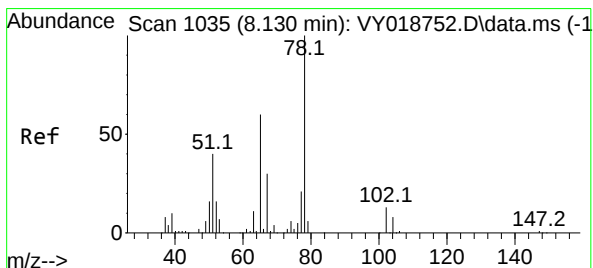
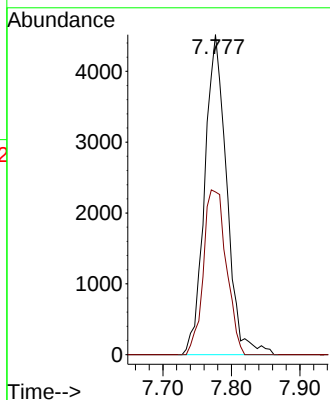
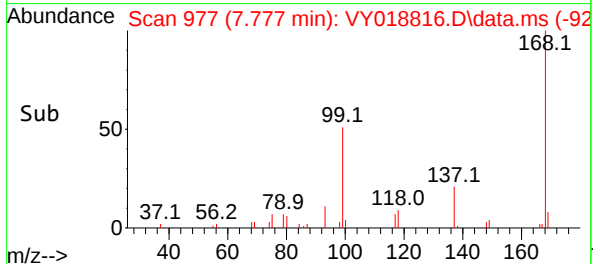


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018816.D
Acq: 15 Jul 2024 16:36

Instrument :
MSVOA_Y
ClientSampleId :
RBR2520700RE

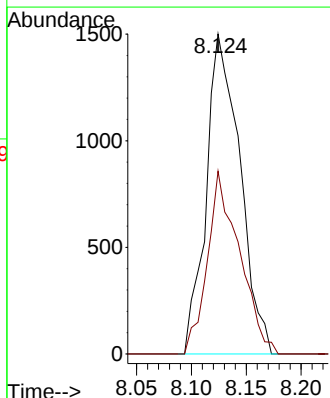
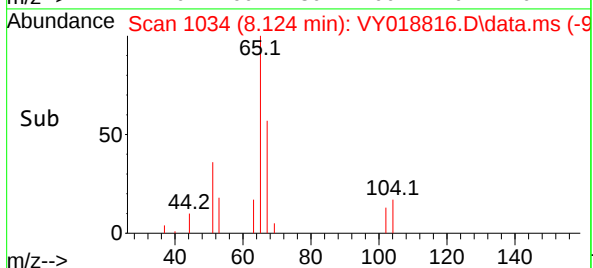
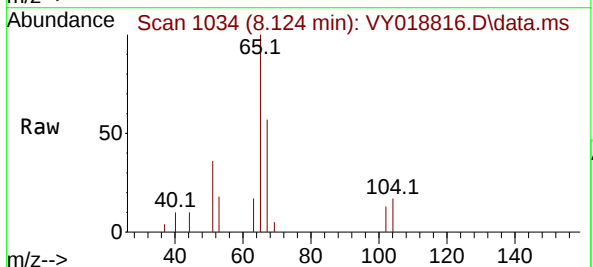


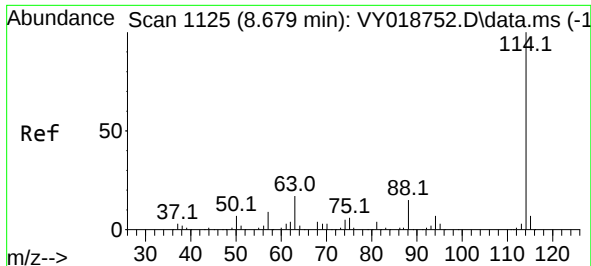
Tgt Ion:168 Resp: 10090
Ion Ratio Lower Upper
168 100
99 50.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 32.270 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VY018816.D
Acq: 15 Jul 2024 16:36

Tgt Ion: 65 Resp: 3204
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VY018816.D

Acq: 15 Jul 2024 16:36

Instrument :

MSVOA_Y

ClientSampleId :

RBR2520700RE

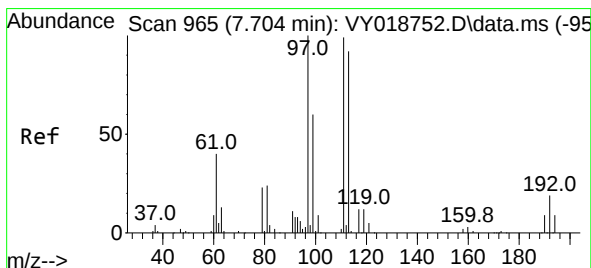
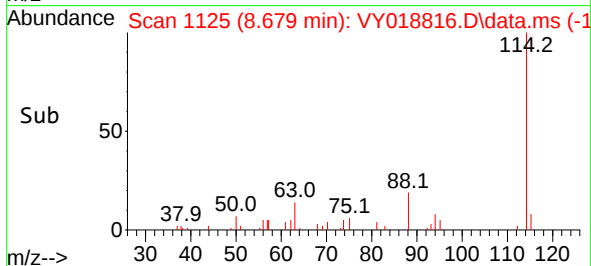
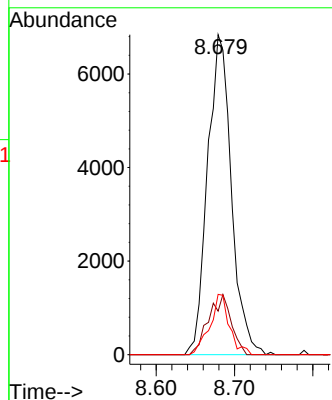
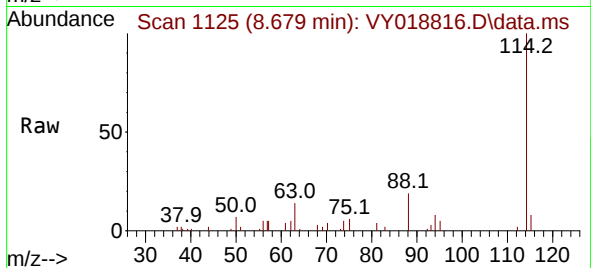
Tgt Ion:114 Resp: 14441

Ion Ratio Lower Upper

114 100

63 13.6 0.0 35.0

88 18.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.232 ug/l

RT: 7.697 min Scan# 964

Delta R.T. -0.006 min

Lab File: VY018816.D

Acq: 15 Jul 2024 16:36

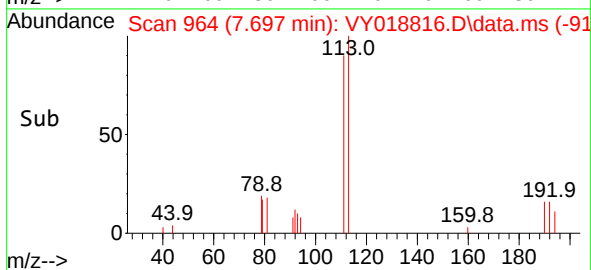
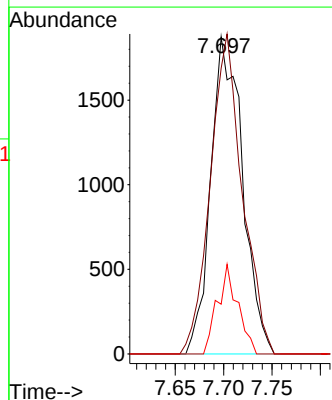
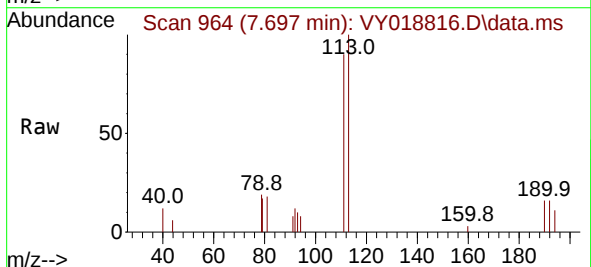
Tgt Ion:113 Resp: 4272

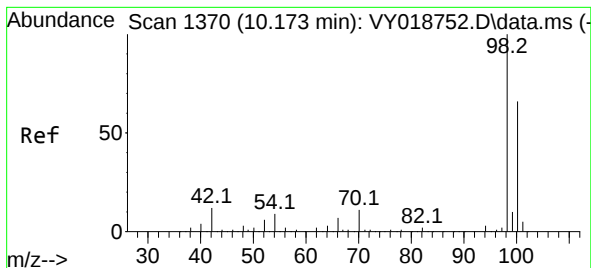
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

192 18.0 15.9 23.9





#50

Toluene-d8

Concen: 41.320 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018816.D

Acq: 15 Jul 2024 16:36

Instrument :

MSVOA_Y

ClientSampleId :

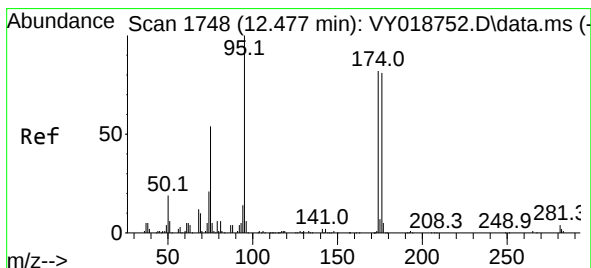
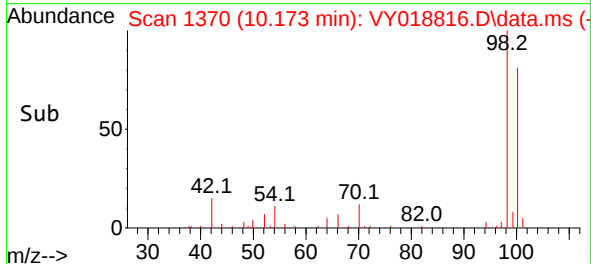
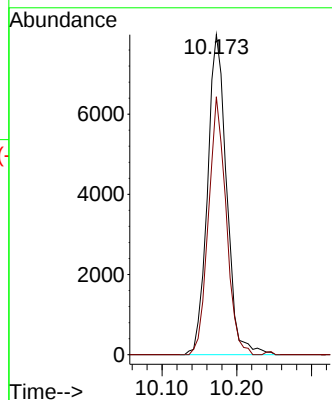
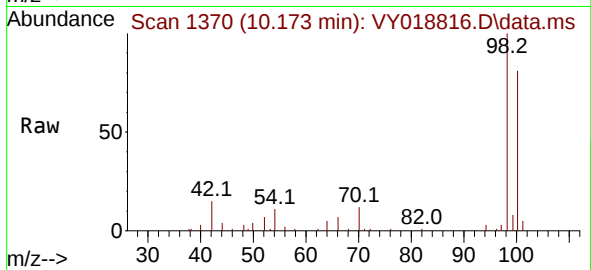
RBR2520700RE

Tgt Ion: 98 Resp: 14159

Ion Ratio Lower Upper

98 100

100 74.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 22.526 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018816.D

Acq: 15 Jul 2024 16:36

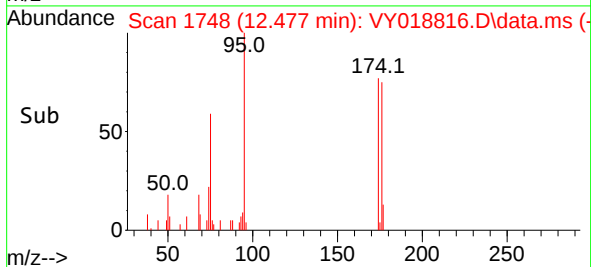
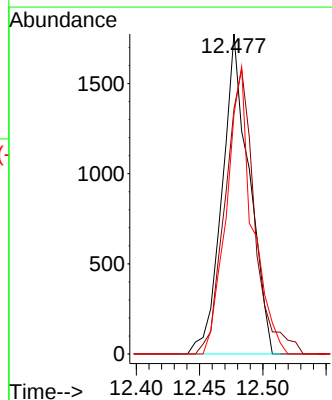
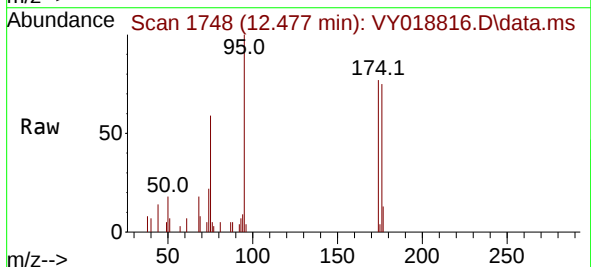
Tgt Ion: 95 Resp: 2636

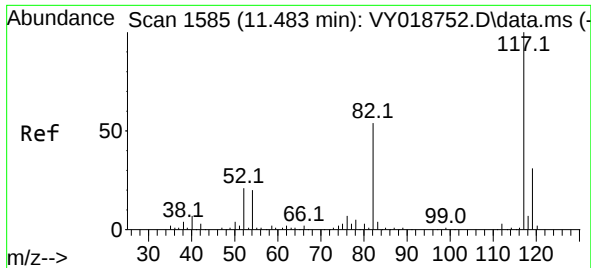
Ion Ratio Lower Upper

95 100

174 96.5 0.0 175.6

176 86.0 0.0 171.4

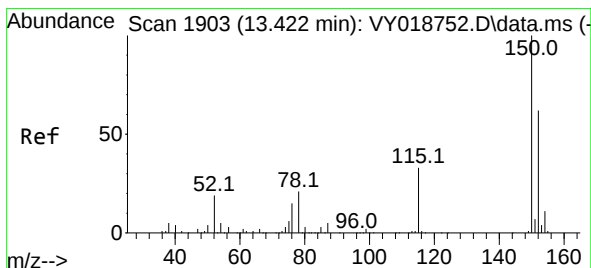
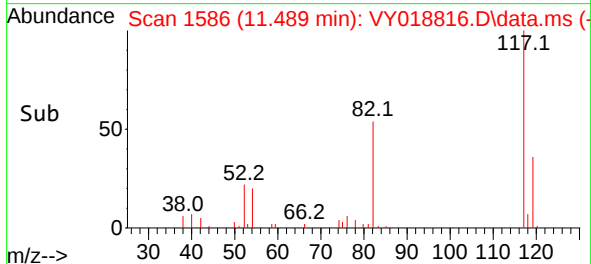
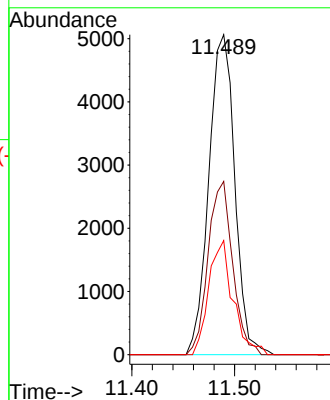
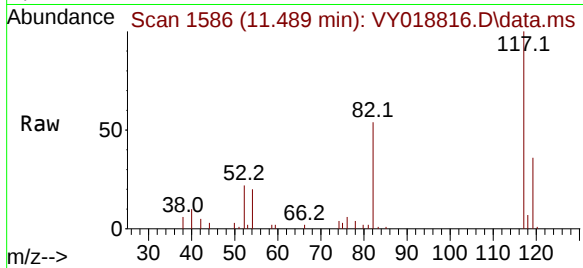




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018816.D
Acq: 15 Jul 2024 16:36

Instrument :
MSVOA_Y
ClientSampleId :
RBR2520700RE

Tgt Ion:117	Resp:	8882
Ion	Ratio	Lower Upper
117	100	
82	54.2	42.4 63.6
119	35.7	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018816.D
Acq: 15 Jul 2024 16:36

Tgt Ion:152	Resp:	2224
Ion	Ratio	Lower Upper
152	100	
115	56.5	28.2 84.7
150	149.8	0.0 345.6

