

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
 Data File : VY018689.D
 Acq On : 25 Jun 2024 15:31
 Operator : SY/MD
 Sample : P3021-10RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ARS20-0015RE

Quant Time: Jun 26 02:37:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	19328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	31849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	25652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8163	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	8705	44.734	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.460%
35) Dibromofluoromethane	7.710	113	10167	52.330	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.660%
50) Toluene-d8	10.173	98	34485	46.155	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.320%
62) 4-Bromofluorobenzene	12.483	95	8470	35.901	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.800%

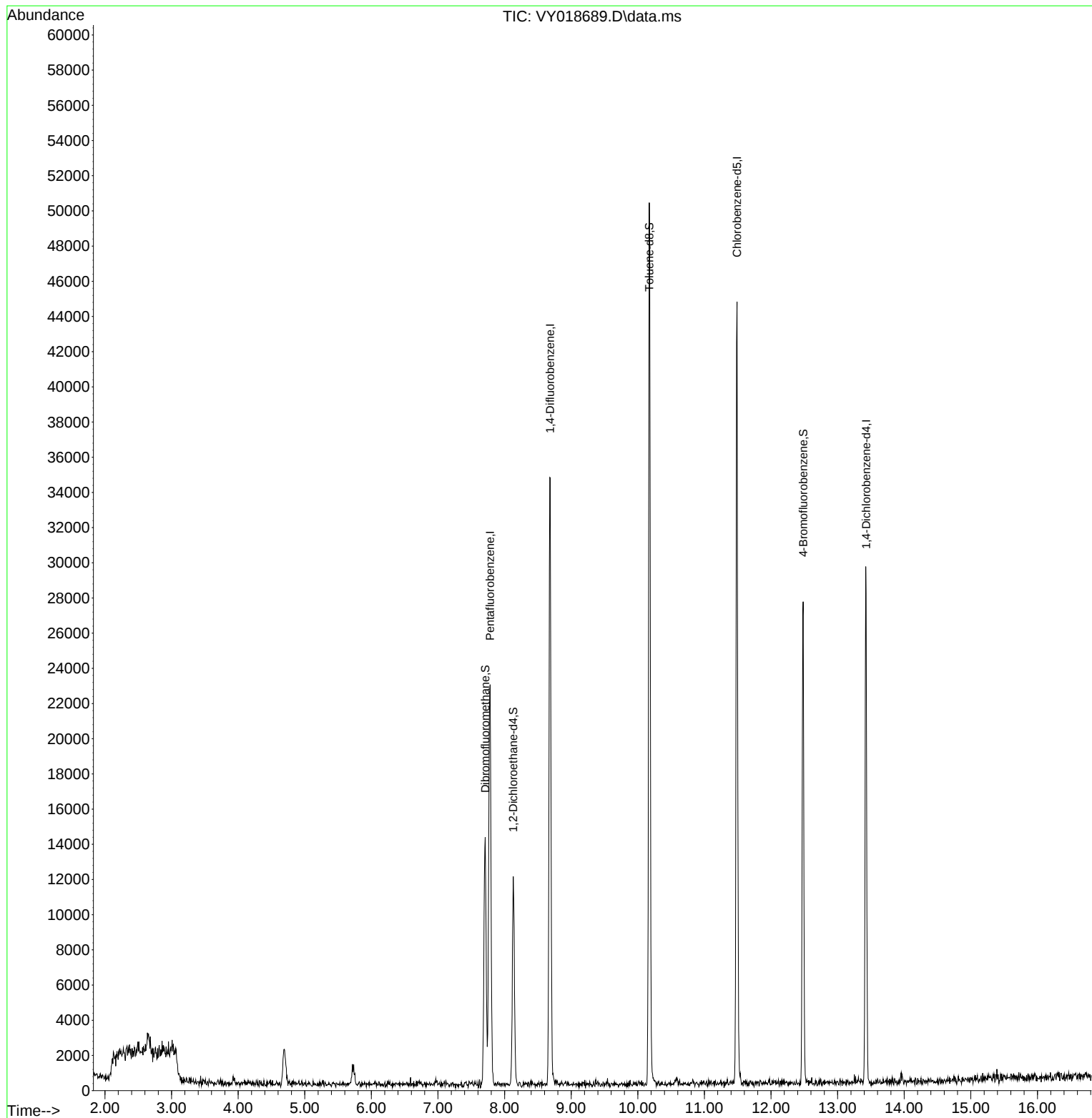
Target Compounds	Qvalue

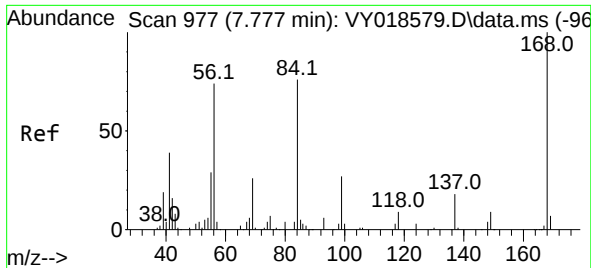
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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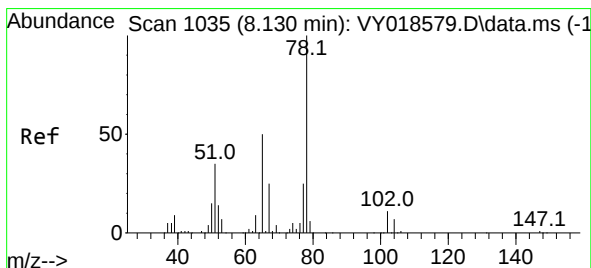
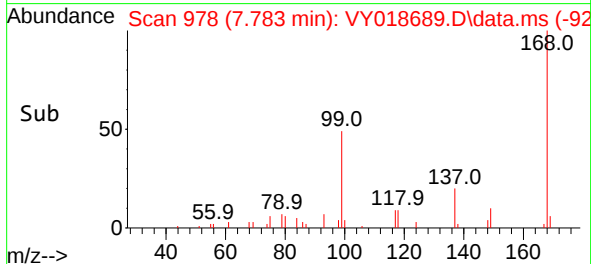
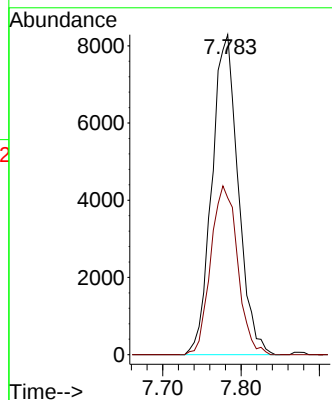
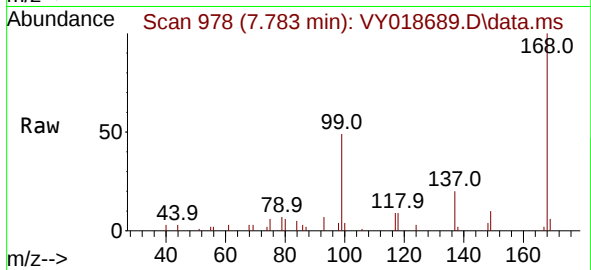




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018689.D
Acq: 25 Jun 2024 15:31

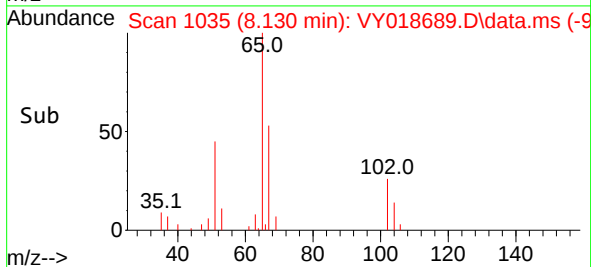
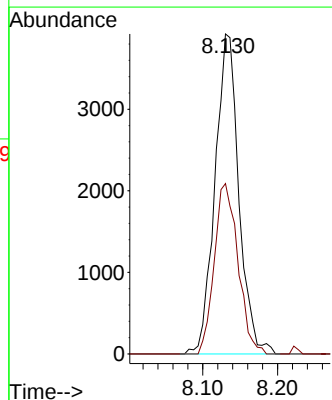
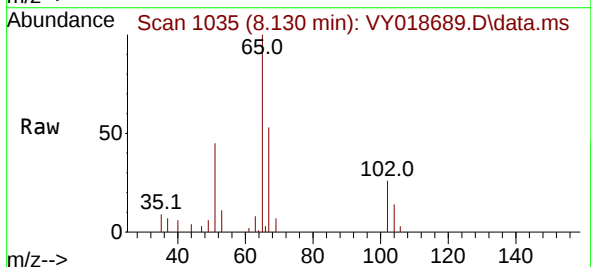
Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0015RE

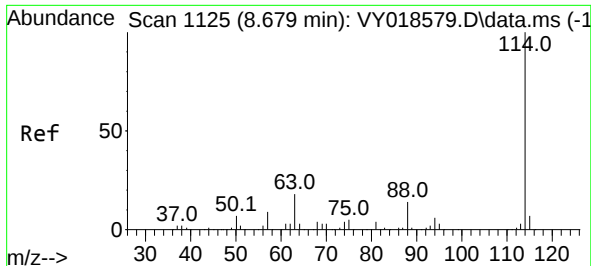
Tgt Ion:168 Resp: 19328
Ion Ratio Lower Upper
168 100
99 49.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 44.734 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018689.D
Acq: 25 Jun 2024 15:31

Tgt Ion: 65 Resp: 8705
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018689.D

Acq: 25 Jun 2024 15:31

Instrument :

MSVOA_Y

ClientSampleId :

ARS20-0015RE

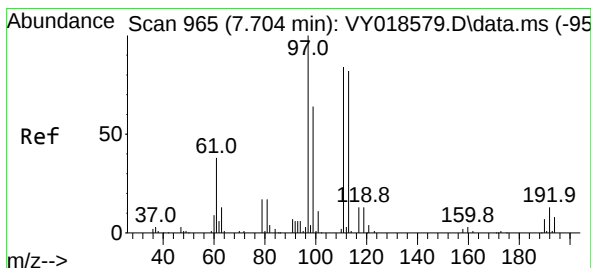
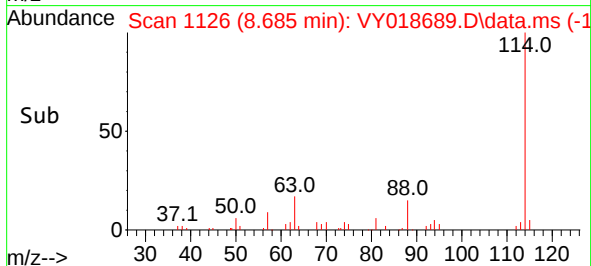
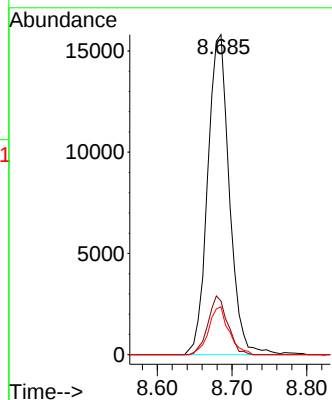
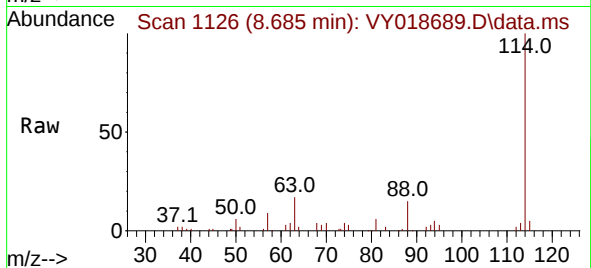
Tgt Ion:114 Resp: 31849

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.330 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018689.D

Acq: 25 Jun 2024 15:31

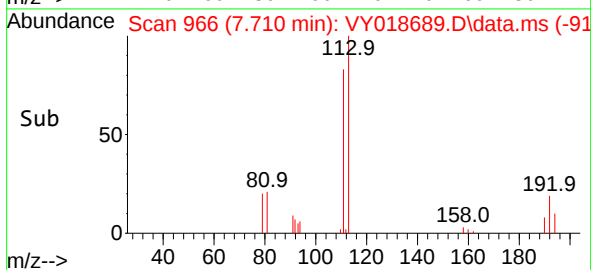
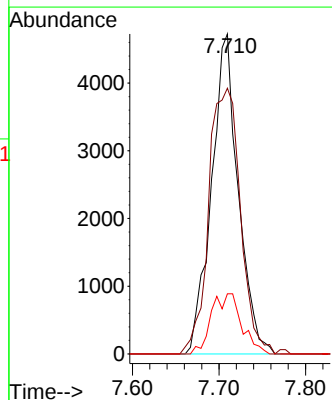
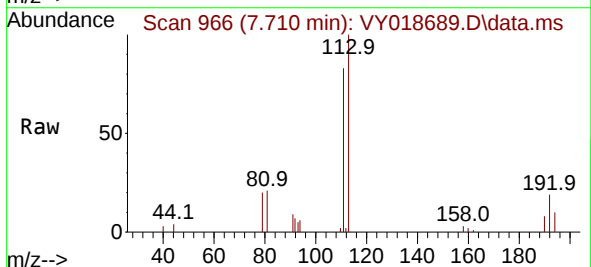
Tgt Ion:113 Resp: 10167

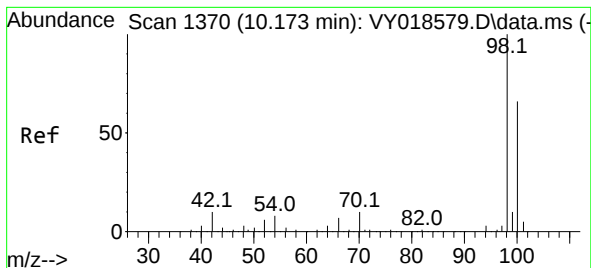
Ion Ratio Lower Upper

113 100

111 98.4 82.2 123.4

192 21.3 15.9 23.9





#50

Toluene-d8

Concen: 46.155 ug/l

RT: 10.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018689.D

Acq: 25 Jun 2024 15:31

Instrument :

MSVOA_Y

ClientSampleId :

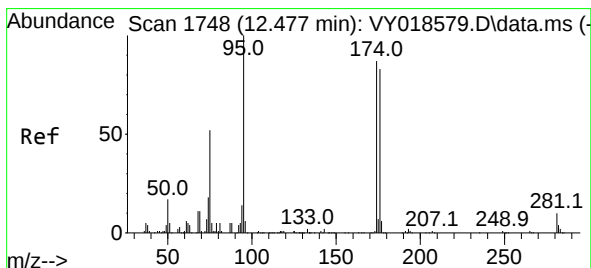
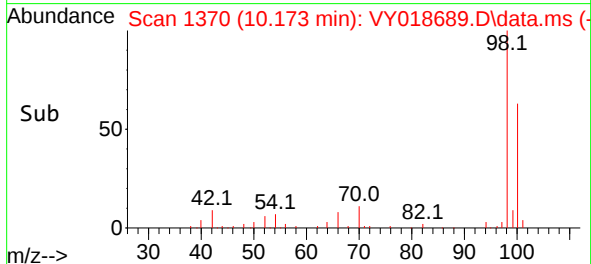
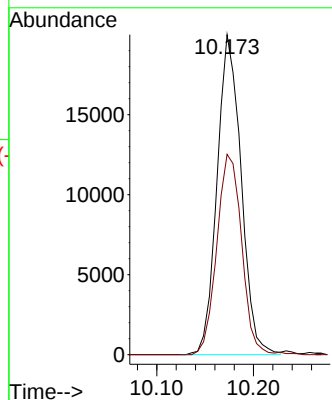
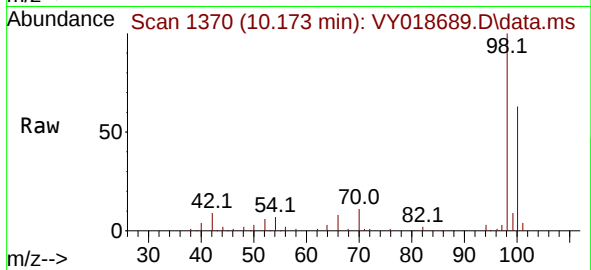
ARS20-0015RE

Tgt Ion: 98 Resp: 34485

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 35.901 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY018689.D

Acq: 25 Jun 2024 15:31

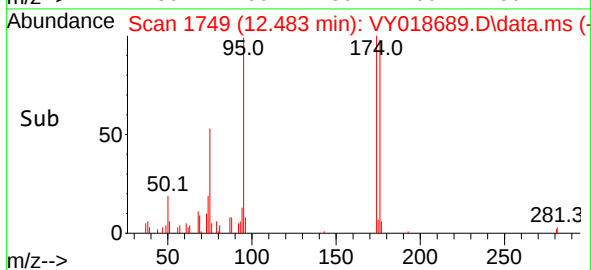
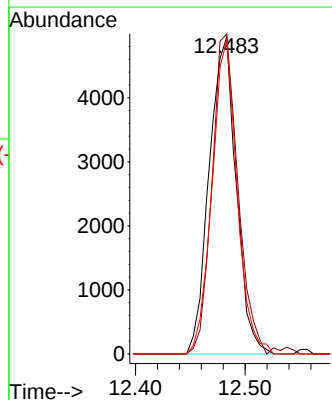
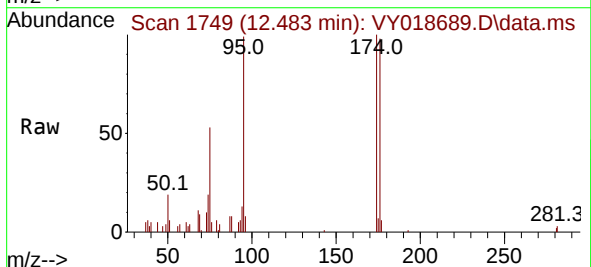
Tgt Ion: 95 Resp: 8470

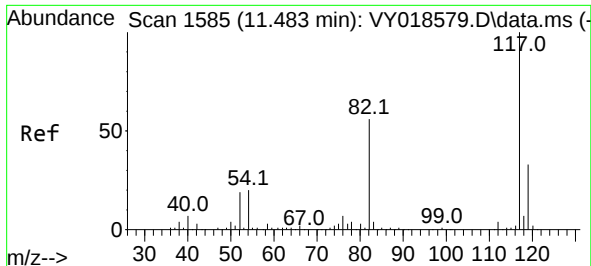
Ion Ratio Lower Upper

95 100

174 97.3 0.0 175.6

176 91.9 0.0 171.4

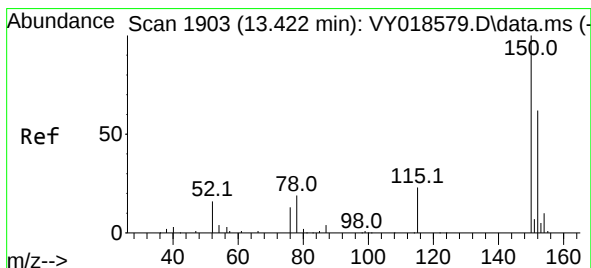
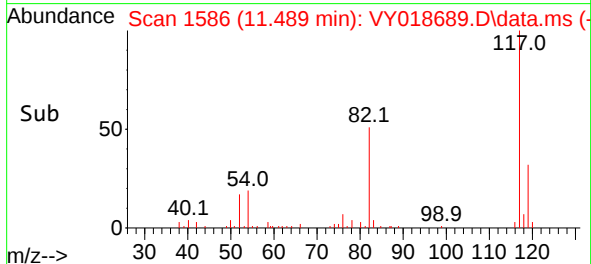
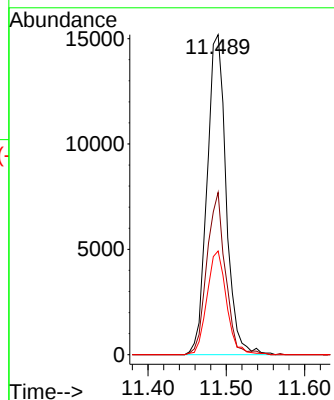
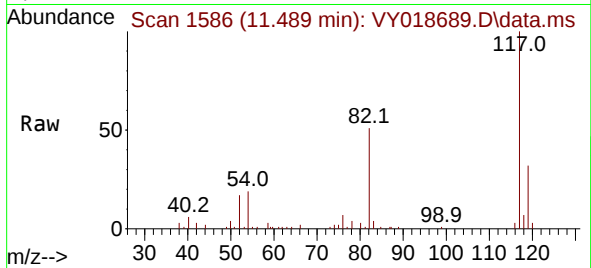




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018689.D
Acq: 25 Jun 2024 15:31

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0015RE

Tgt Ion:117 Resp: 25652
Ion Ratio Lower Upper
117 100
82 50.7 42.4 63.6
119 32.4 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: VY018689.D
Acq: 25 Jun 2024 15:31

Tgt Ion:152 Resp: 8163
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 157.8 0.0 345.6

