

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062424\
 Data File : VY018675.D
 Acq On : 24 Jun 2024 15:15
 Operator : SY/MD
 Sample : P3021-10
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ARS20-0015

Quant Time: Jun 25 01:09:33 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	7.777	168	13058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	20844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	16373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	5934	45.137	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.280%
35) Dibromofluoromethane	7.710	113	6305	49.586	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.180%
50) Toluene-d8	10.173	98	21983	44.957	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.920%
62) 4-Bromofluorobenzene	12.483	95	4789	31.015	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	62.040%

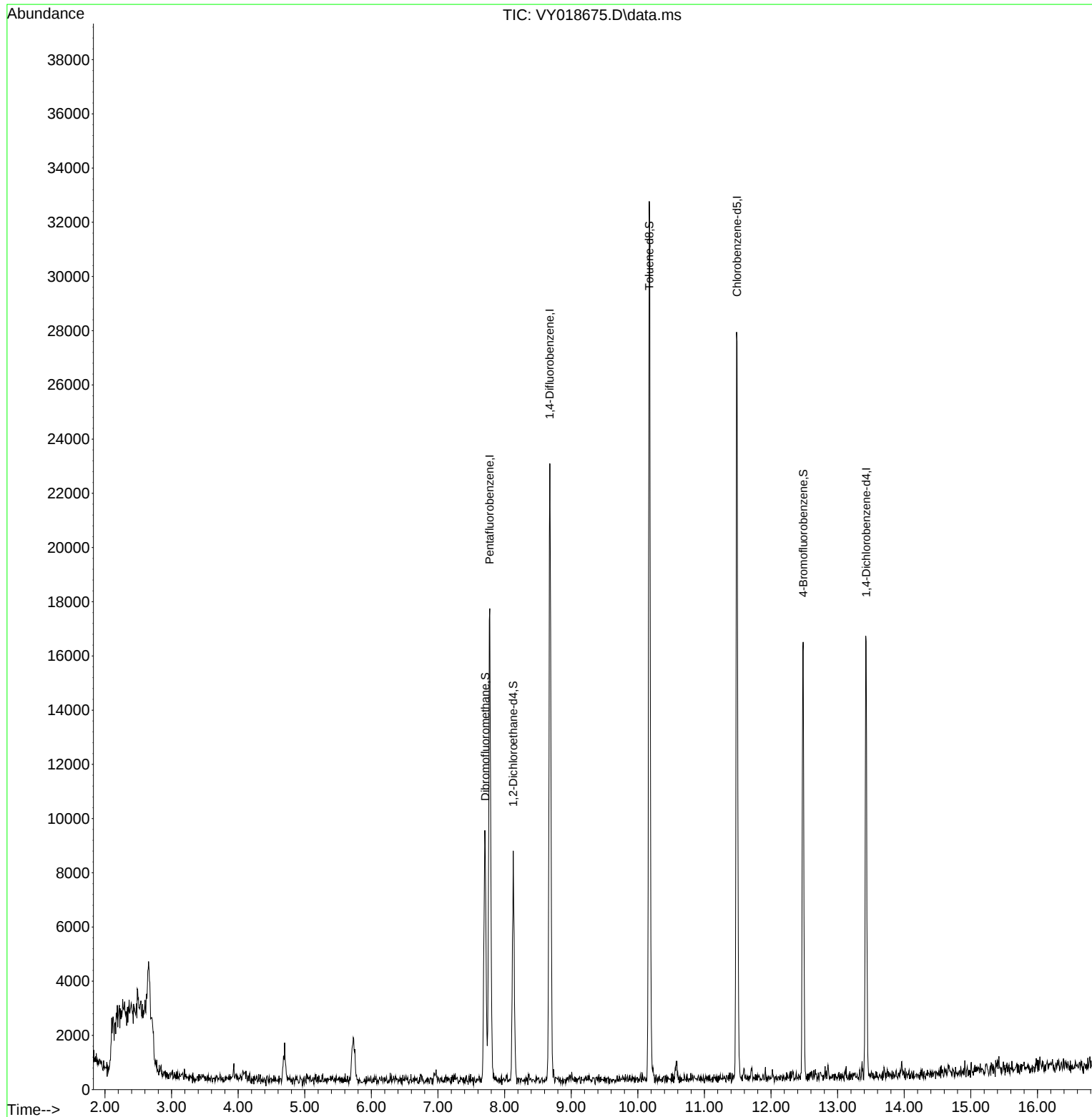
Target Compounds	Qvalue

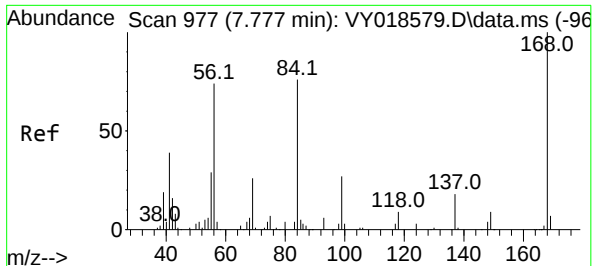
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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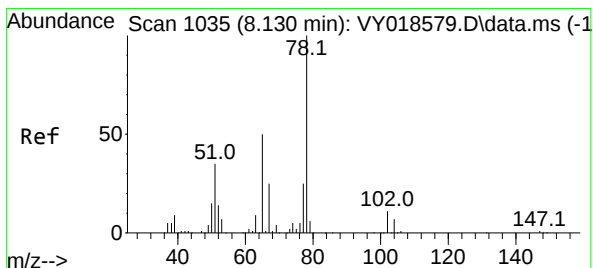
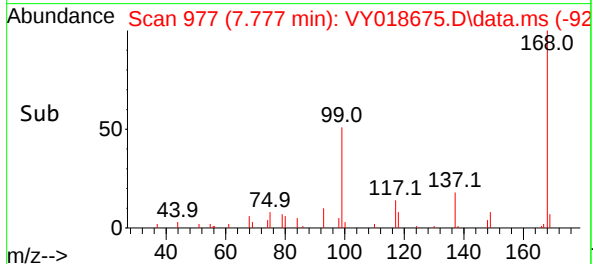
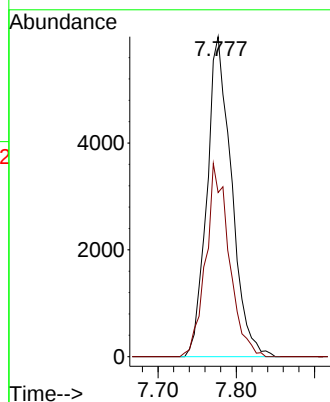
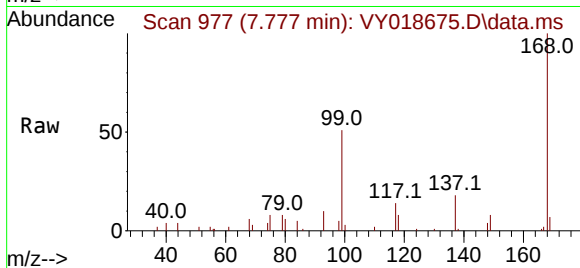




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018675.D
Acq: 24 Jun 2024 15:15

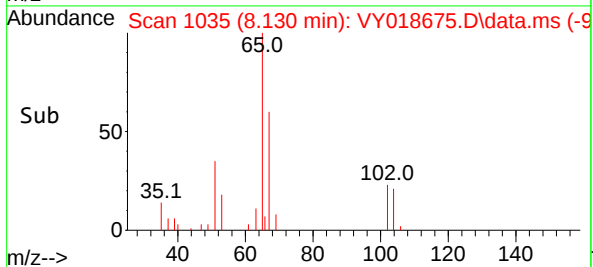
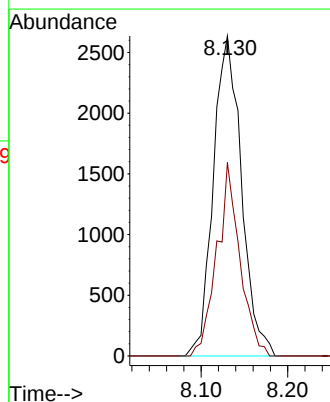
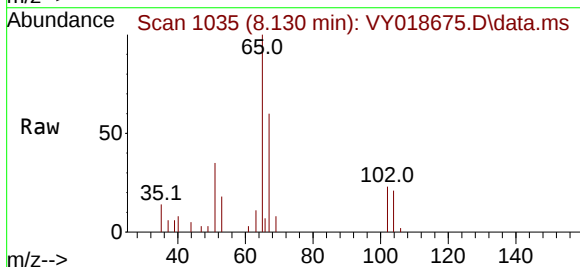
Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0015

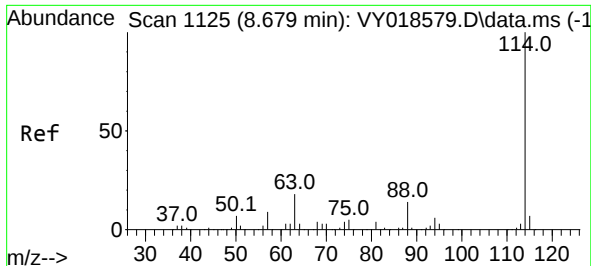
Tgt Ion:168 Resp: 13058
Ion Ratio Lower Upper
168 100
99 51.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 45.137 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018675.D
Acq: 24 Jun 2024 15:15

Tgt Ion: 65 Resp: 5934
Ion Ratio Lower Upper
65 100
67 49.6 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: VY018675.D

Acq: 24 Jun 2024 15:15

Instrument :

MSVOA_Y

ClientSampleId :

ARS20-0015

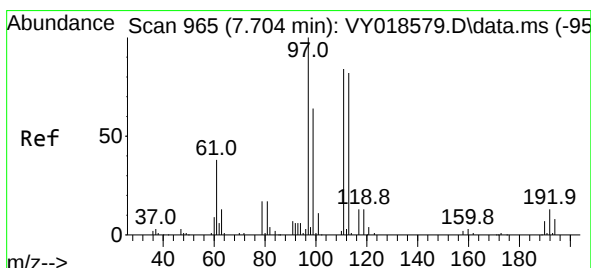
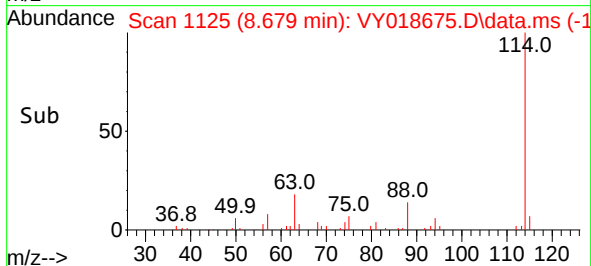
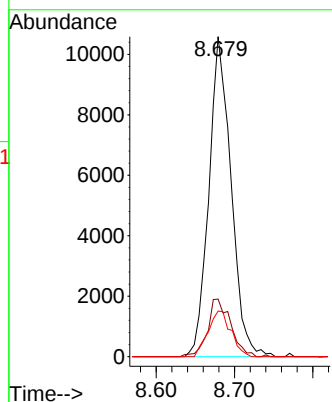
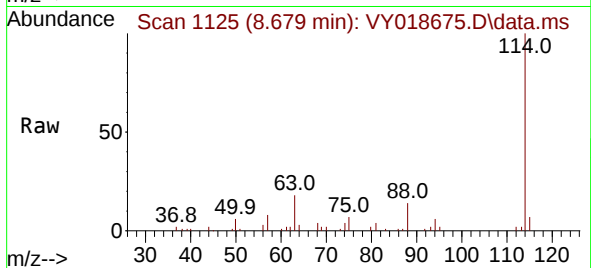
Tgt Ion:114 Resp: 20844

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.586 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018675.D

Acq: 24 Jun 2024 15:15

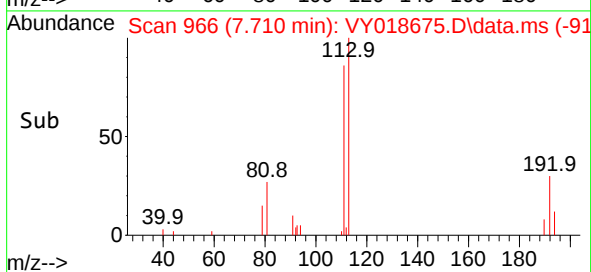
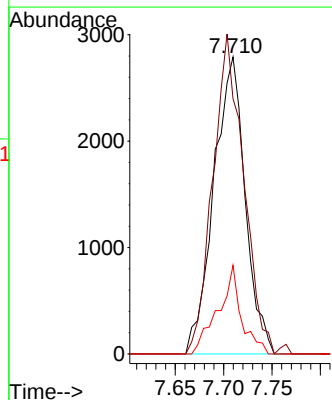
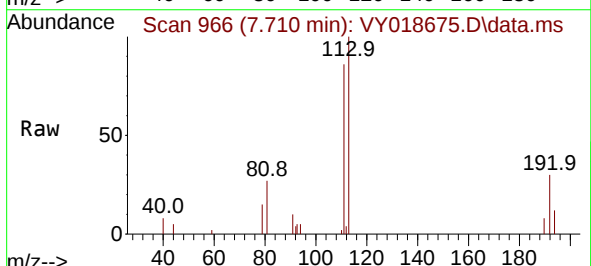
Tgt Ion:113 Resp: 6305

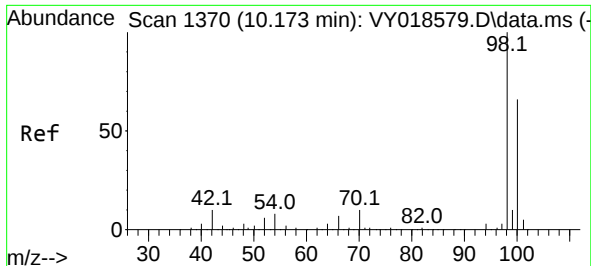
Ion Ratio Lower Upper

113 100

111 105.2 82.2 123.4

192 22.1 15.9 23.9

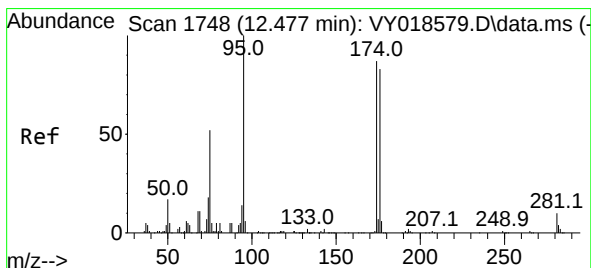
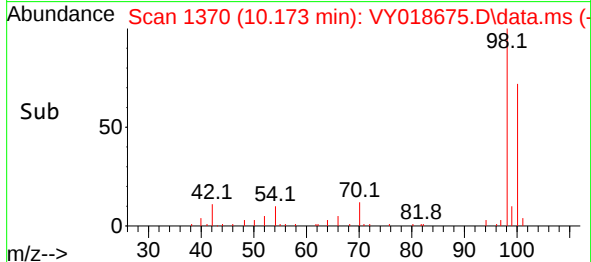
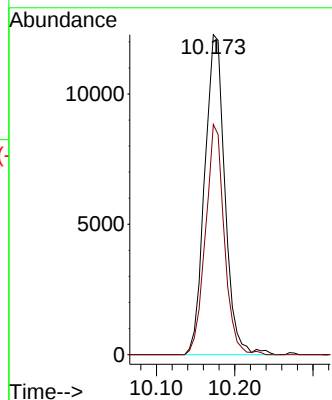
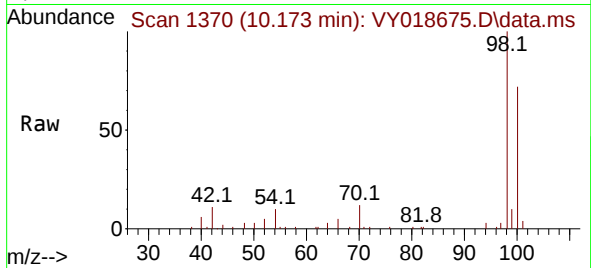




#50
Toluene-d8
Concen: 44.957 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018675.D
Acq: 24 Jun 2024 15:15

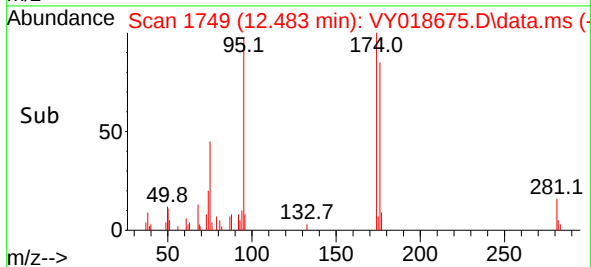
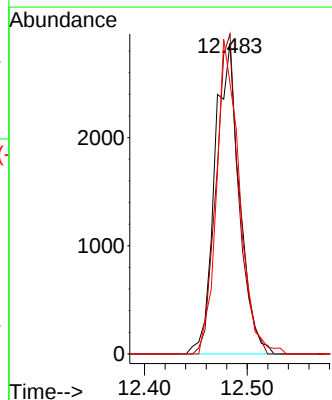
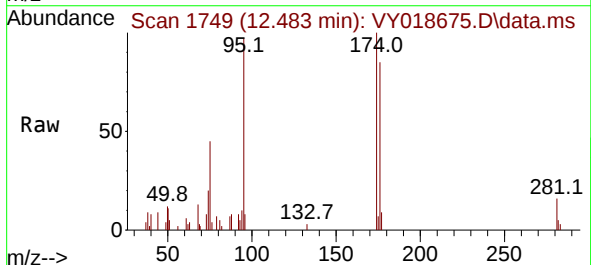
Instrument :
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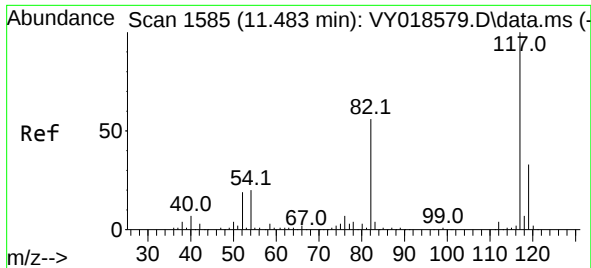
Tgt Ion: 98 Resp: 21983
Ion Ratio Lower Upper
98 100
100 67.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 31.015 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018675.D
Acq: 24 Jun 2024 15:15

Tgt Ion: 95 Resp: 4789
Ion Ratio Lower Upper
95 100
174 93.9 0.0 175.6
176 93.5 0.0 171.4

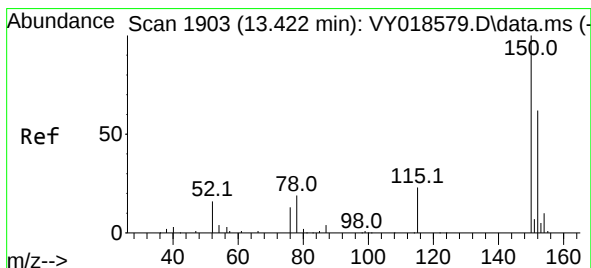
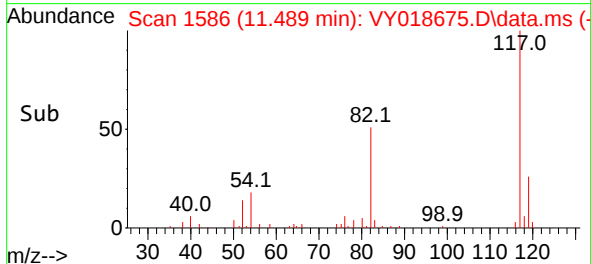
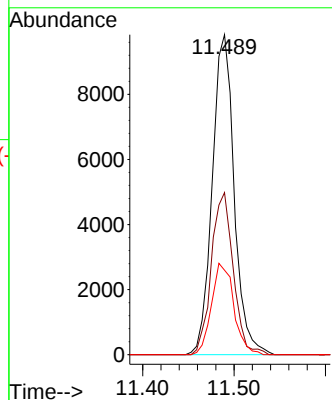
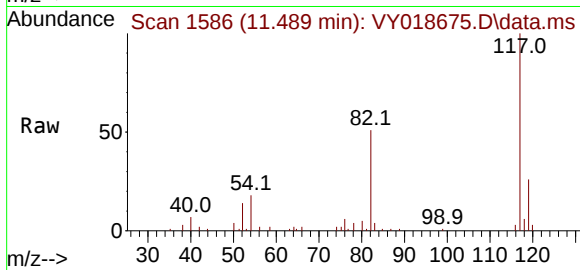




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018675.D
Acq: 24 Jun 2024 15:15

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0015

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.6	42.4	63.6
119	26.4	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: VY018675.D
Acq: 24 Jun 2024 15:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.2	84.7
150	149.8	0.0	345.6

