

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062424\
 Data File : VY018676.D
 Acq On : 24 Jun 2024 15:40
 Operator : SY/MD
 Sample : P3021-04
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ARS20-0018

Quant Time: Jun 25 01:09:59 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	7.776	168	11278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	16886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	10819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2285	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	4196	36.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	73.900%
35) Dibromofluoromethane	7.703	113	5196	50.443	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.880%
50) Toluene-d8	10.172	98	17031	42.993	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.980%
62) 4-Bromofluorobenzene	12.477	95	3254	26.014	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	52.020%

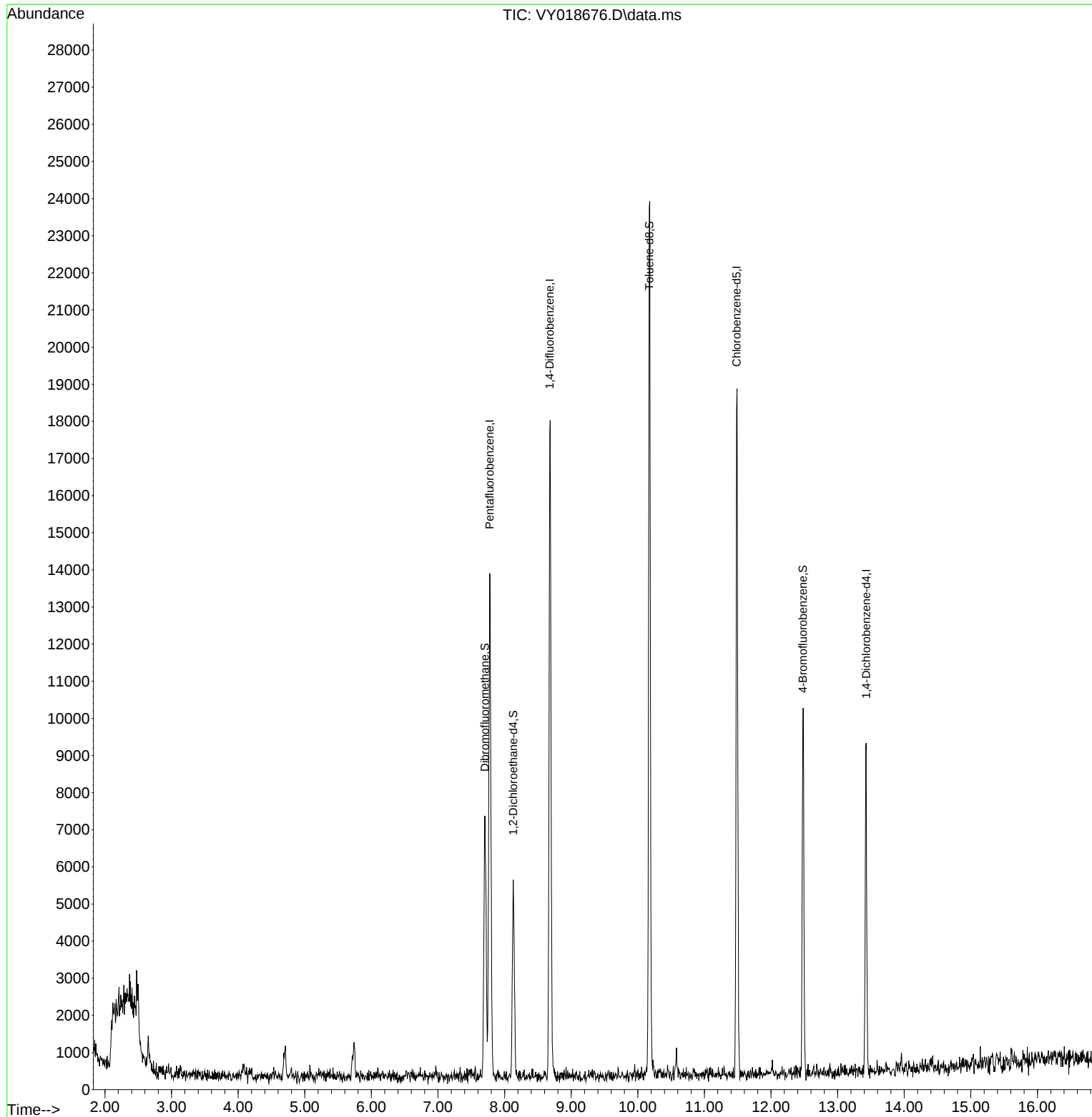
Target Compounds	Qvalue

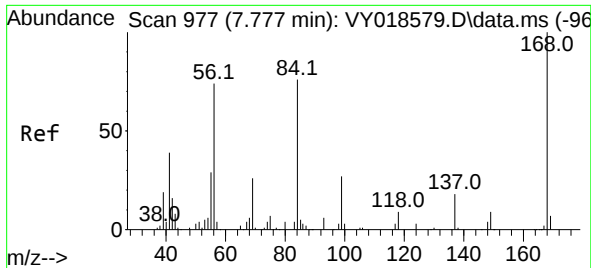
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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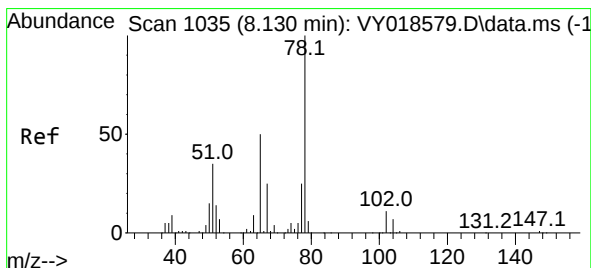
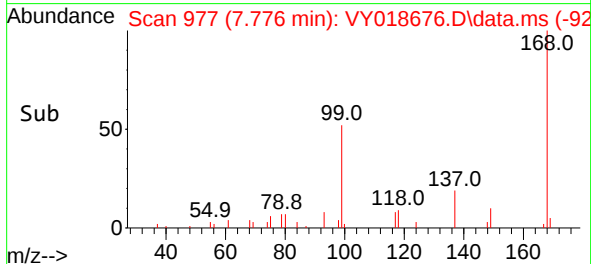
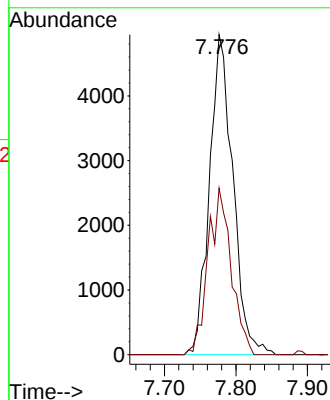
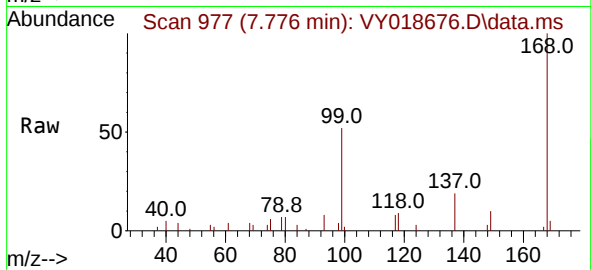




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY018676.D
Acq: 24 Jun 2024 15:40

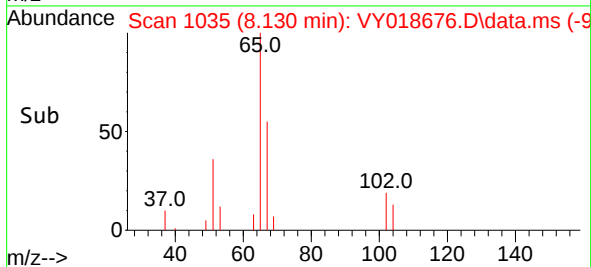
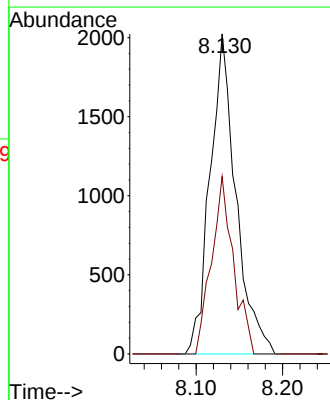
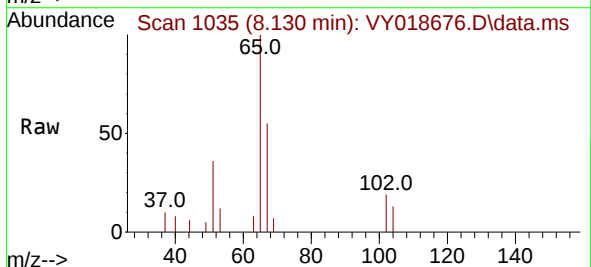
Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0018

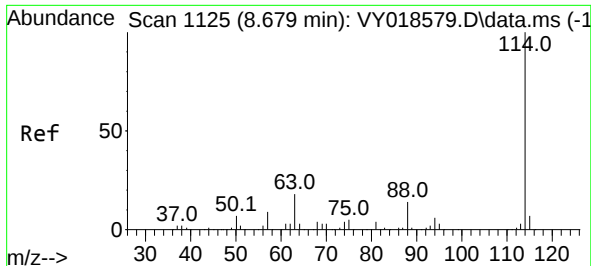
Tgt Ion:168 Resp: 11278
Ion Ratio Lower Upper
168 100
99 52.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 36.954 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018676.D
Acq: 24 Jun 2024 15:40

Tgt Ion: 65 Resp: 4196
Ion Ratio Lower Upper
65 100
67 47.1 0.0 109.6

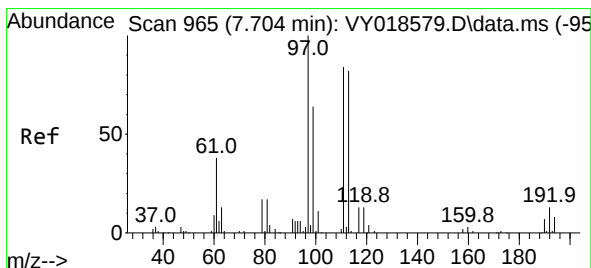
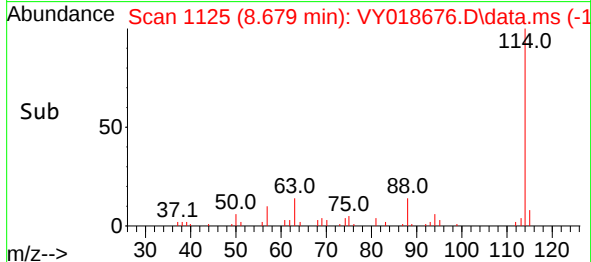
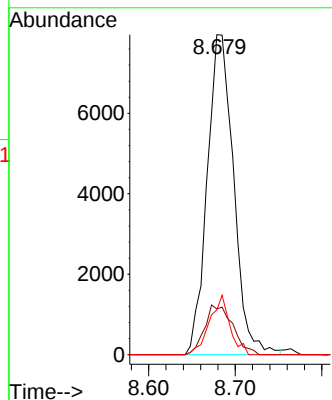
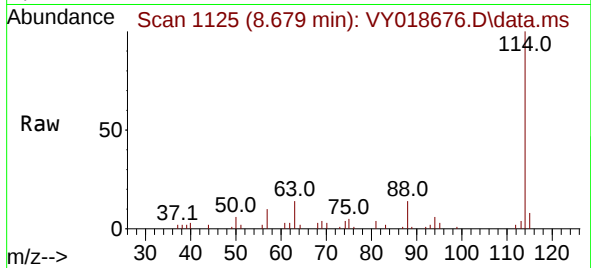




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VY018676.D
Acq: 24 Jun 2024 15:40

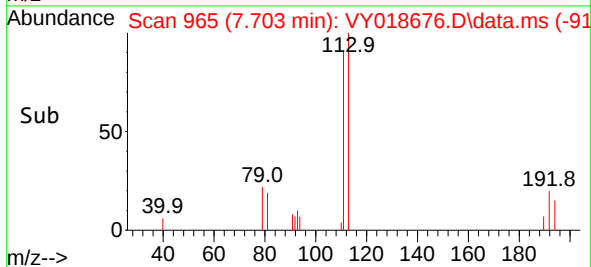
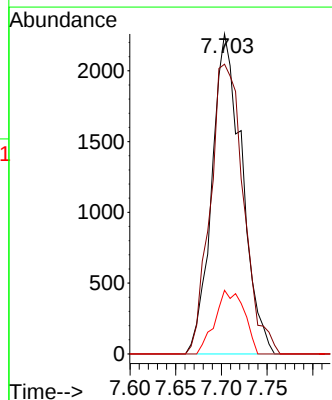
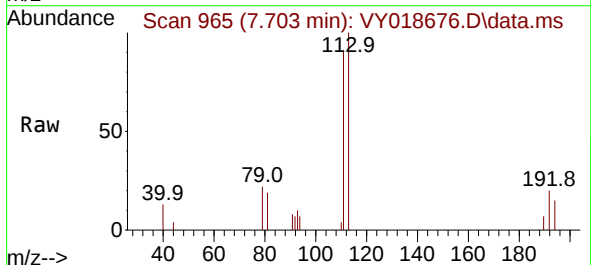
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ClientSampleId :
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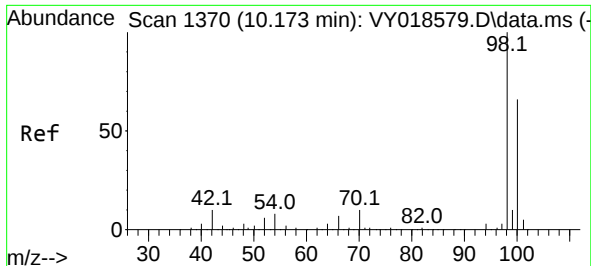
Tgt Ion:114	Resp:	16886
Ion Ratio	Lower	Upper
114	100	
63	14.3	0.0 35.0
88	14.0	0.0 27.2



#35
Dibromofluoromethane
Concen: 50.443 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY018676.D
Acq: 24 Jun 2024 15:40

Tgt Ion:113	Resp:	5196
Ion Ratio	Lower	Upper
113	100	
111	99.7	82.2 123.4
192	19.1	15.9 23.9

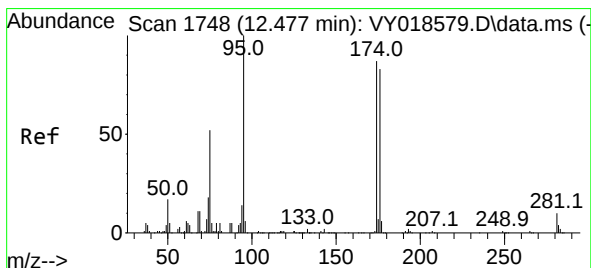
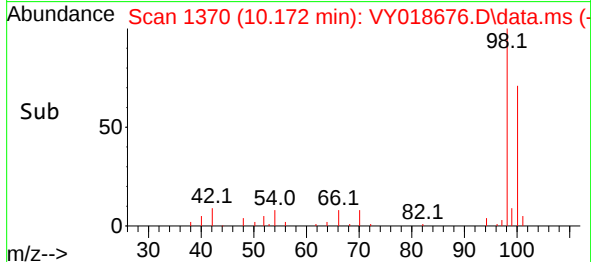
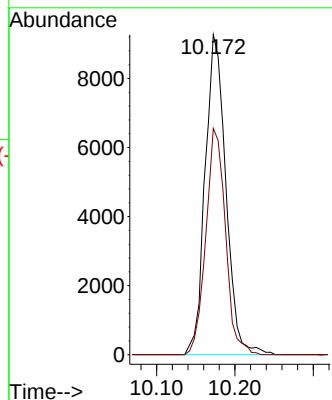
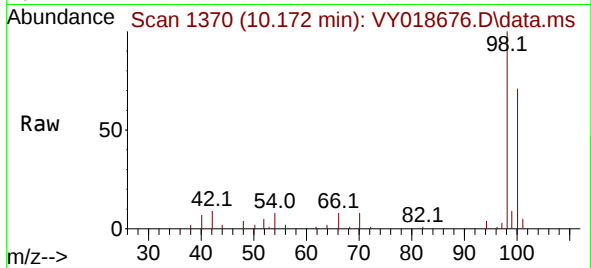




#50
Toluene-d8
Concen: 42.993 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018676.D
Acq: 24 Jun 2024 15:40

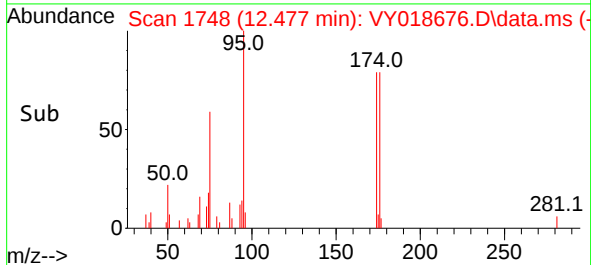
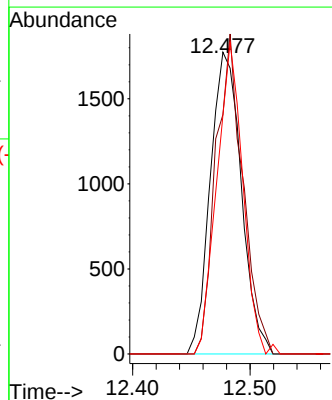
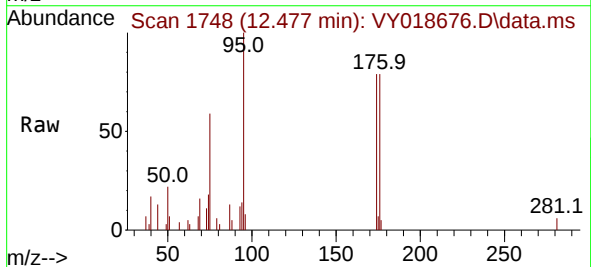
Instrument :
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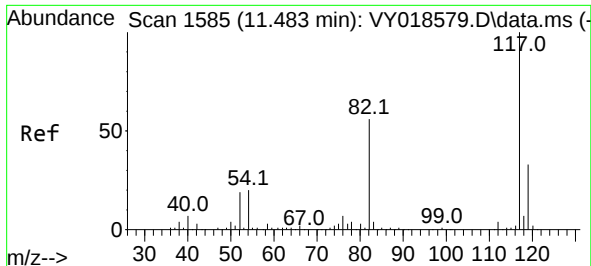
Tgt Ion: 98 Resp: 17031
Ion Ratio Lower Upper
98 100
100 67.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 26.014 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018676.D
Acq: 24 Jun 2024 15:40

Tgt Ion: 95 Resp: 3254
Ion Ratio Lower Upper
95 100
174 92.3 0.0 175.6
176 86.4 0.0 171.4

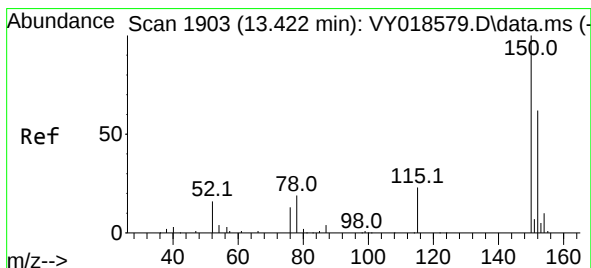
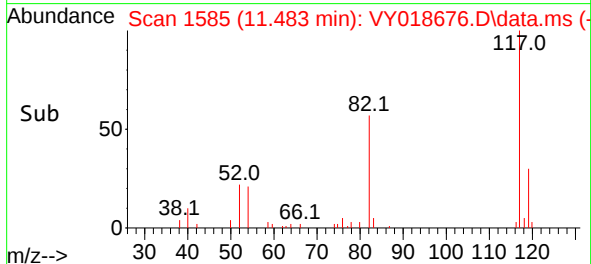
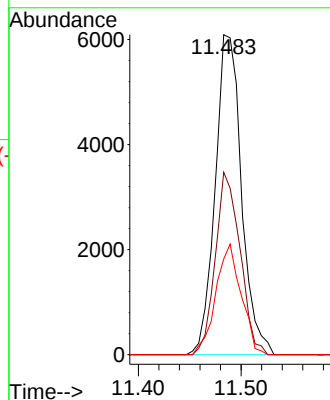
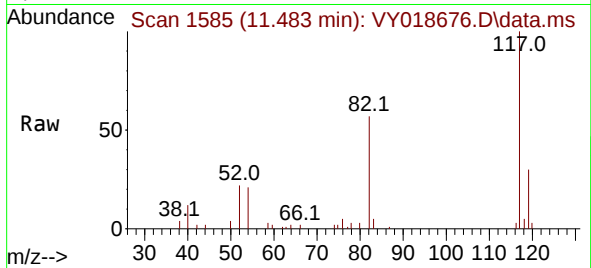




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018676.D
Acq: 24 Jun 2024 15:40

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0018

Tgt Ion:117 Resp: 10819
Ion Ratio Lower Upper
117 100
82 57.0 42.4 63.6
119 29.9 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: VY018676.D
Acq: 24 Jun 2024 15:40

Tgt Ion:152 Resp: 2285
Ion Ratio Lower Upper
152 100
115 69.8 28.2 84.7
150 166.8 0.0 345.6

