

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062824\
 Data File : VY018734.D
 Acq On : 28 Jun 2024 17:26
 Operator : SY/MD
 Sample : VIBLK
 Misc : 8.2g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jul 01 01:49:07 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	7.795	168	346	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.685	114	1287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	2465	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	3213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	556	159.610	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 319.220%#	
35) Dibromofluoromethane	7.710	113	248	31.589	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 63.180%	
50) Toluene-d8	10.179	98	2150	71.211	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 142.420%#	
62) 4-Bromofluorobenzene	12.483	95	10463	1097.469	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 2194.940%#	

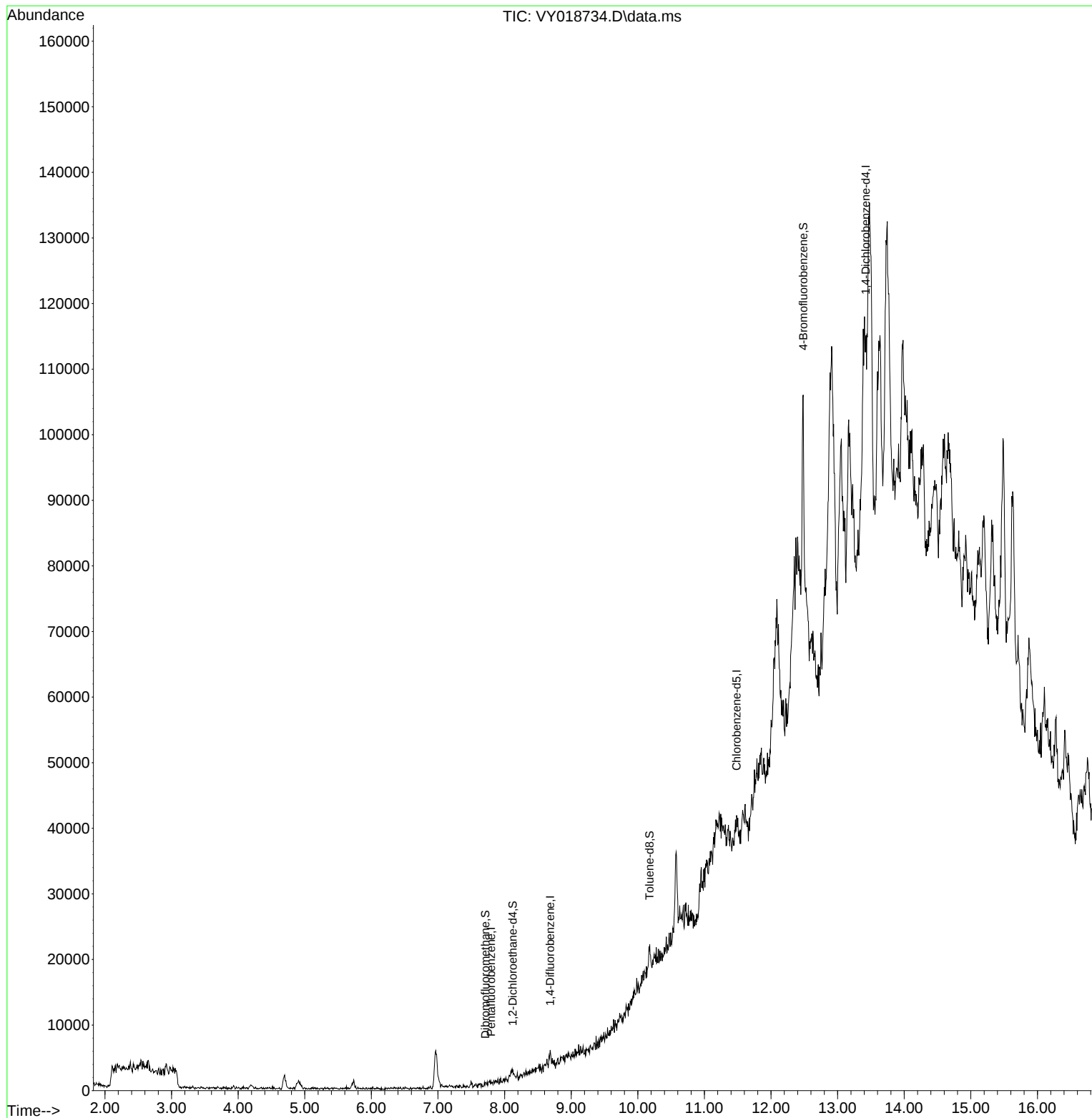
Target Compounds	Qvalue

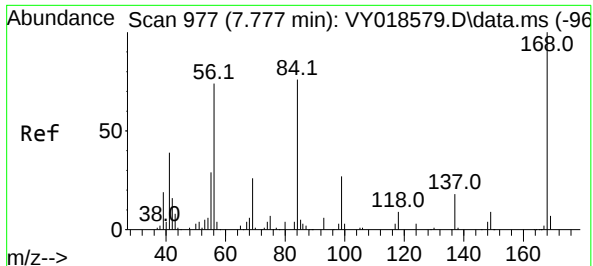
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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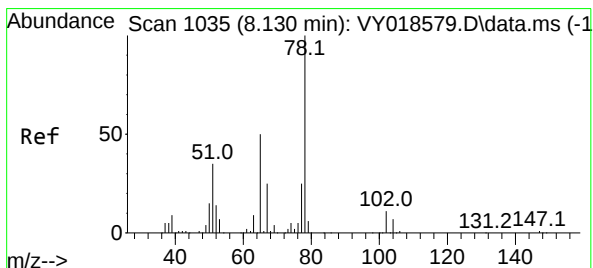
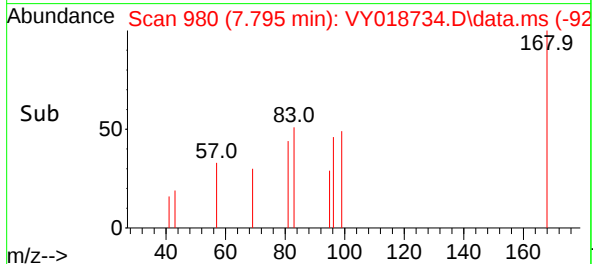
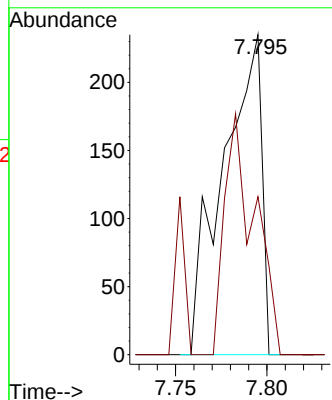
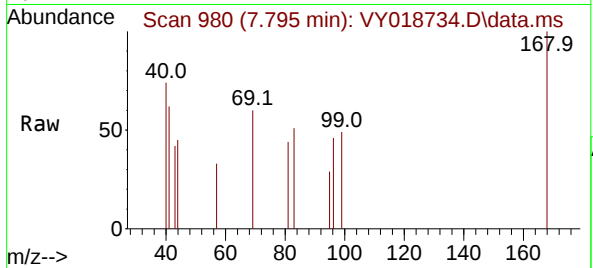




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY018734.D
Acq: 28 Jun 2024 17:26

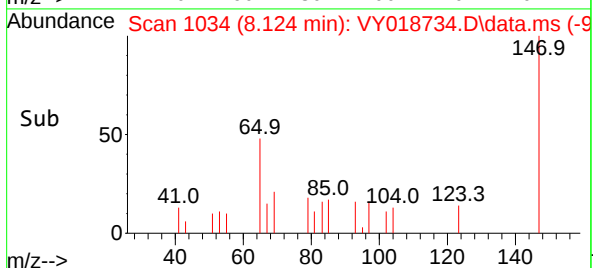
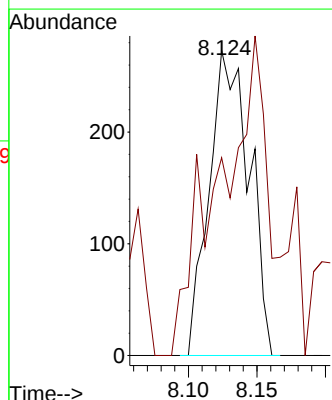
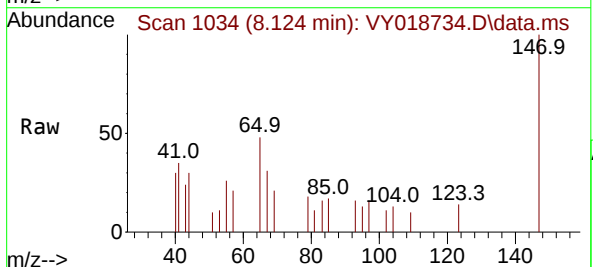
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

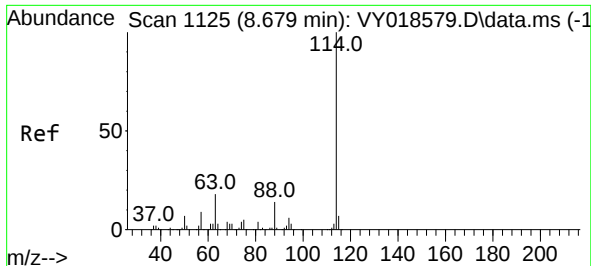
Tgt Ion:168 Resp: 346
Ion Ratio Lower Upper
168 100
99 49.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 159.610 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VY018734.D
Acq: 28 Jun 2024 17:26

Tgt Ion: 65 Resp: 556
Ion Ratio Lower Upper
65 100
67 0.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VY018734.D

Acq: 28 Jun 2024 17:26

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

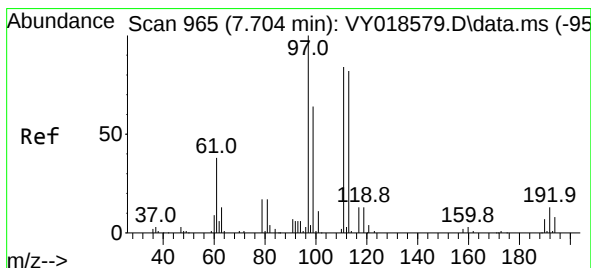
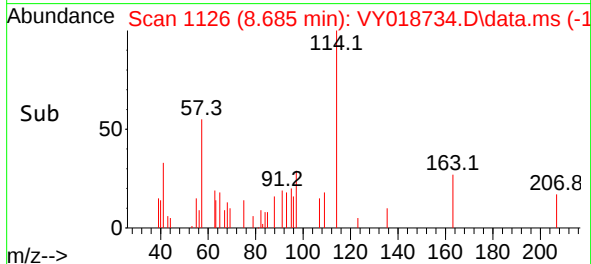
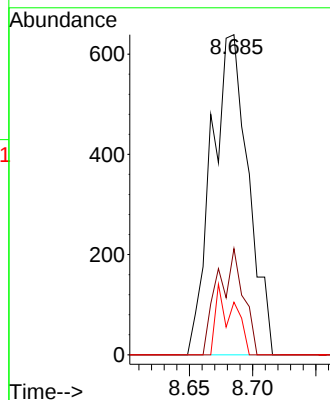
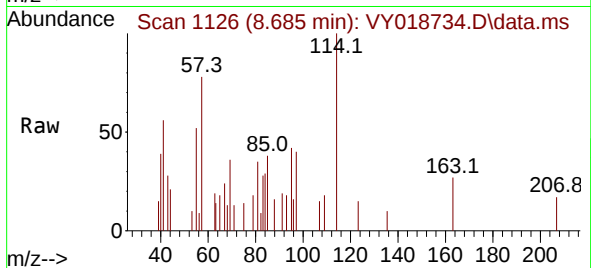
Tgt Ion:114 Resp: 1287

Ion Ratio Lower Upper

114 100

63 33.2 0.0 35.0

88 16.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 31.589 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018734.D

Acq: 28 Jun 2024 17:26

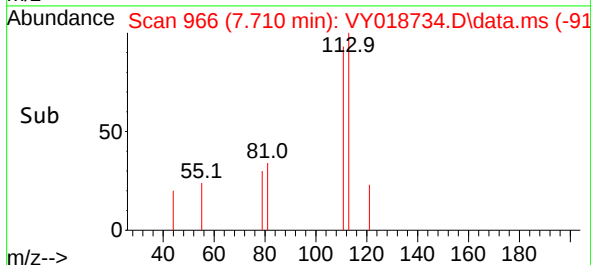
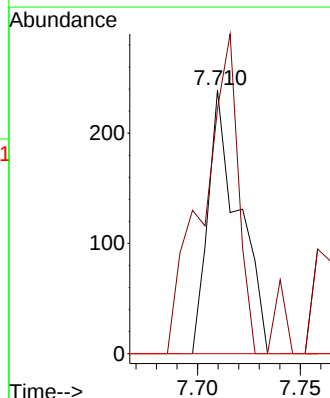
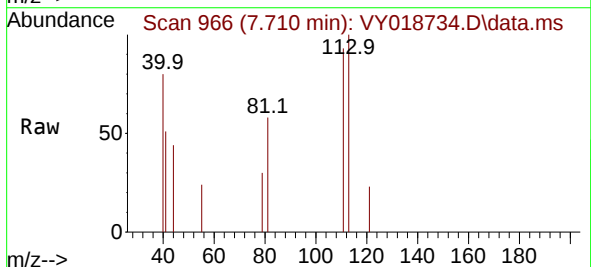
Tgt Ion:113 Resp: 248

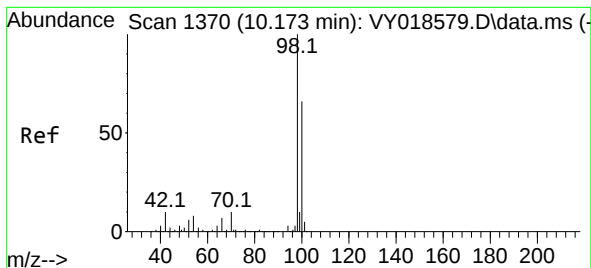
Ion Ratio Lower Upper

113 100

111 139.5 82.2 123.4#

192 0.0 15.9 23.9#

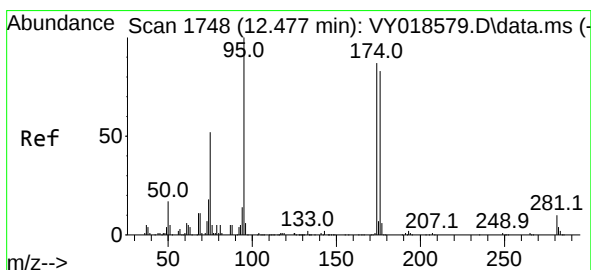
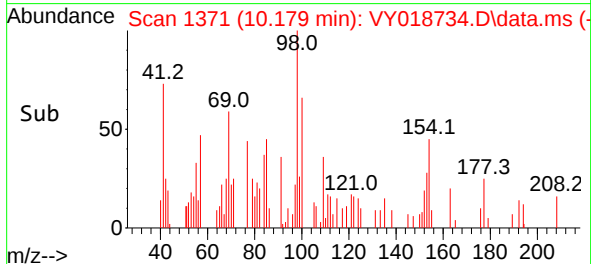
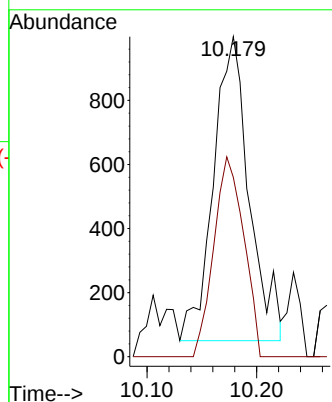
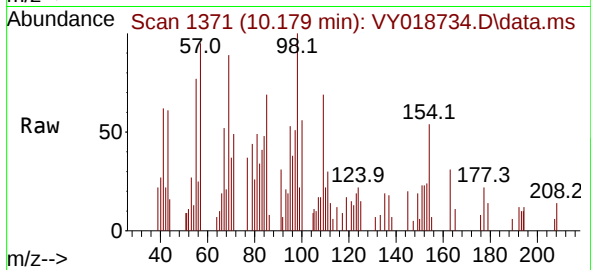




#50
Toluene-d8
Concen: 71.211 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY018734.D
Acq: 28 Jun 2024 17:26

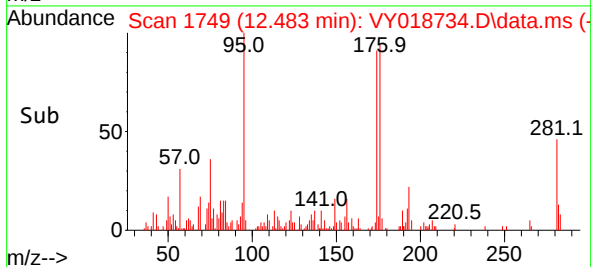
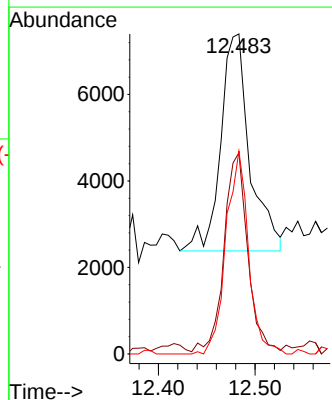
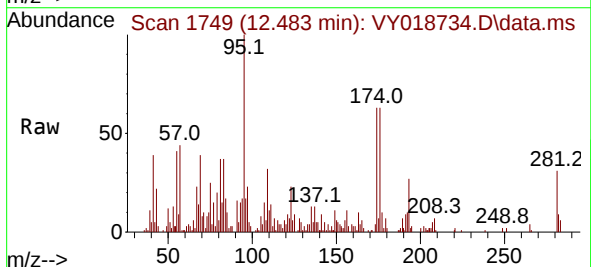
Instrument :
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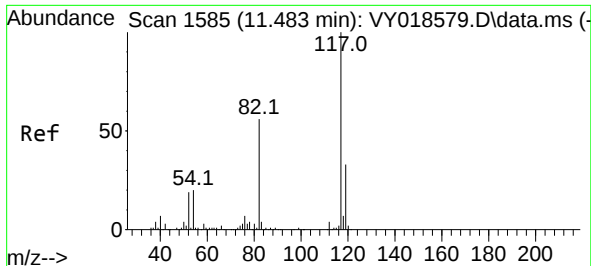
Tgt Ion: 98 Resp: 2150
Ion Ratio Lower Upper
98 100
100 55.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 1097.469 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018734.D
Acq: 28 Jun 2024 17:26

Tgt Ion: 95 Resp: 10463
Ion Ratio Lower Upper
95 100
174 74.7 0.0 175.6
176 72.5 0.0 171.4

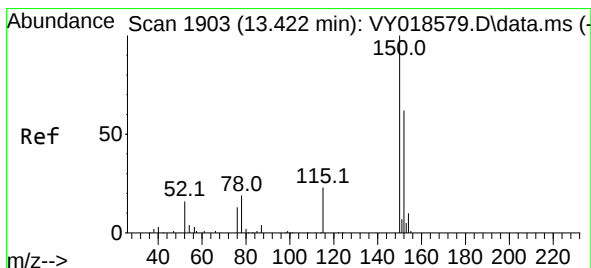
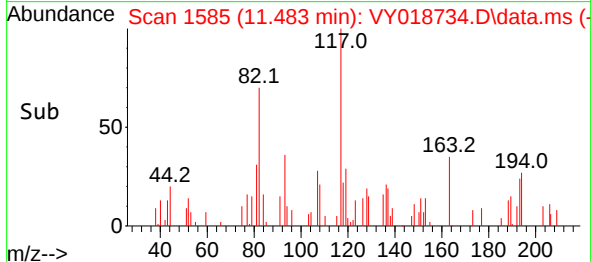
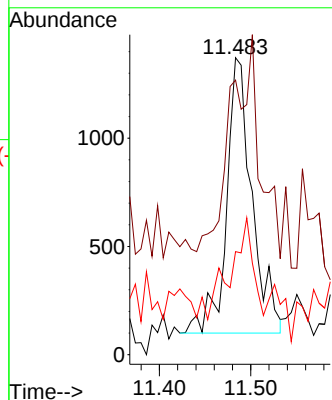
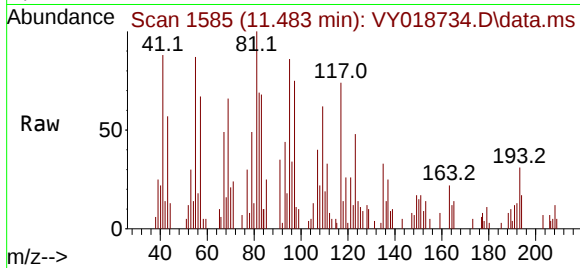




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY018734.D
Acq: 28 Jun 2024 17:26

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2465
Ion Ratio Lower Upper
117 100
82 64.8 42.4 63.6#
119 19.2 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: VY018734.D
Acq: 28 Jun 2024 17:26

Tgt Ion:152 Resp: 3213
Ion Ratio Lower Upper
152 100
115 31.0 28.2 84.7
150 111.1 0.0 345.6

