

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
 Data File : VY012099.D
 Acq On : 06 Jan 2023 18:11
 Operator : KP/MD
 Sample : 01048-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-010523

Quant Time: Jan 07 01:49:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	1017	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	2015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	454	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	891	77.969	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.940%
35) Dibromofluoromethane	7.722	113	244	18.423	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	36.840%#
50) Toluene-d8	10.179	98	2163	41.377	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.760%
62) 4-Bromofluorobenzene	12.477	95	402	22.000	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	44.000%

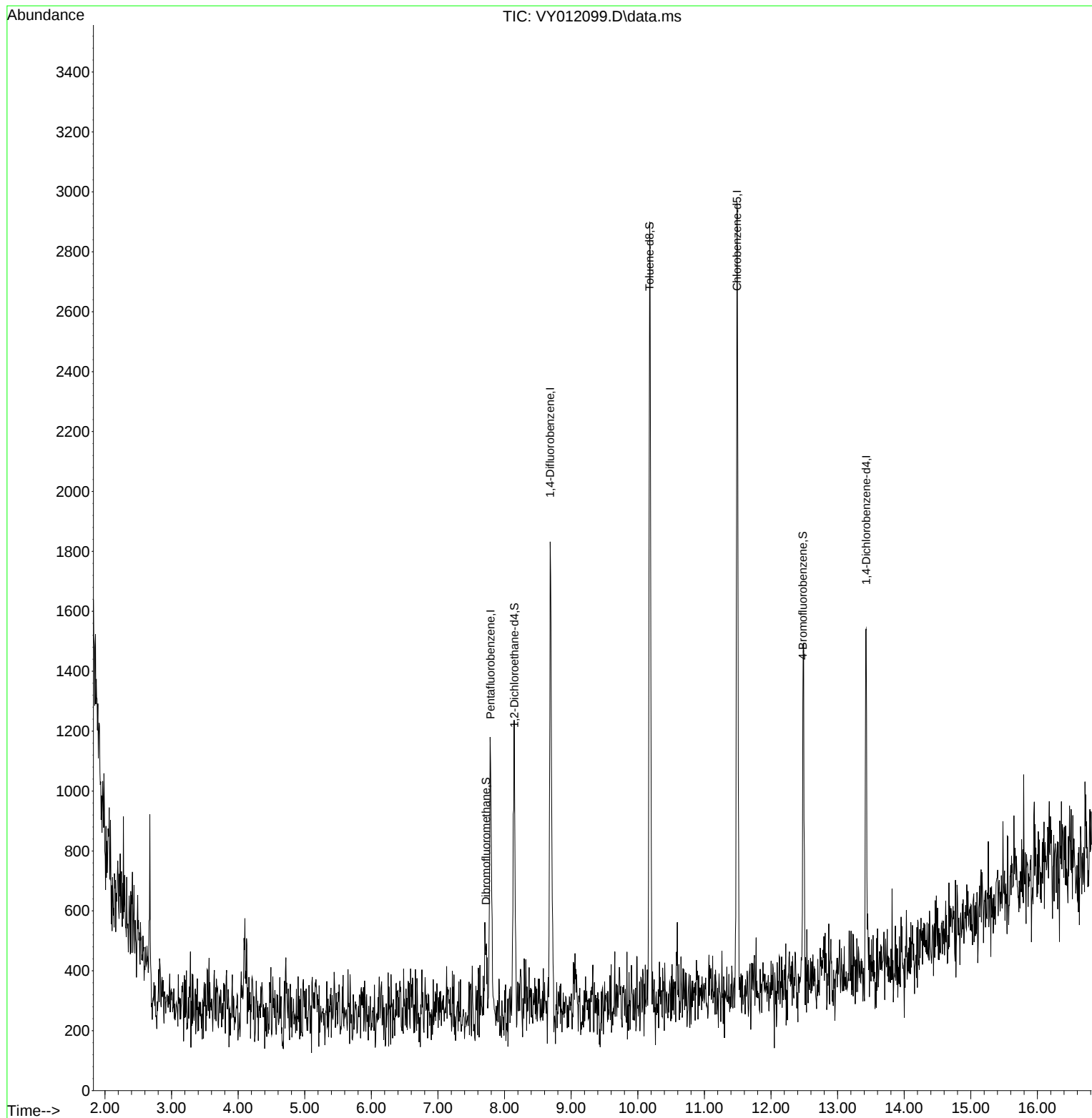
Target Compounds	Qvalue

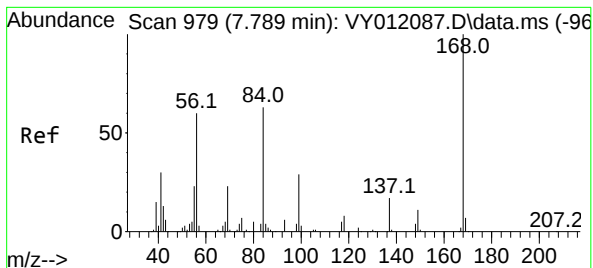
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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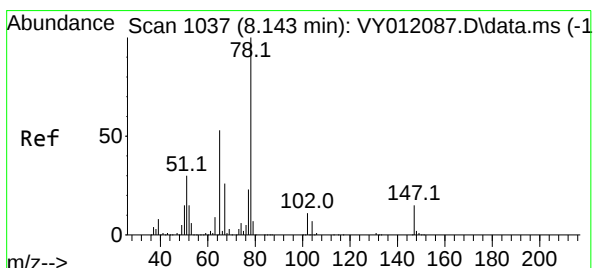
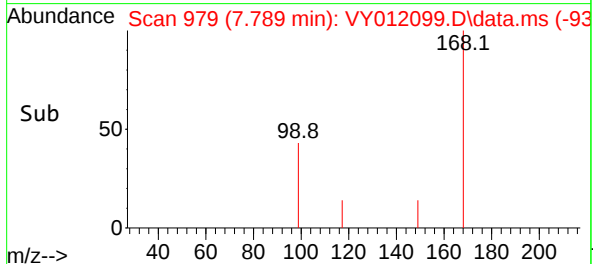
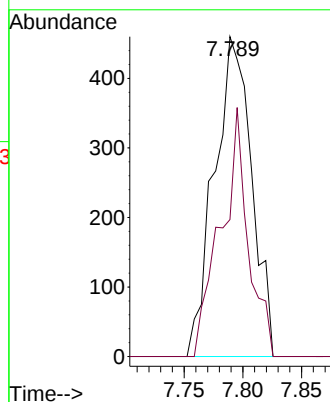
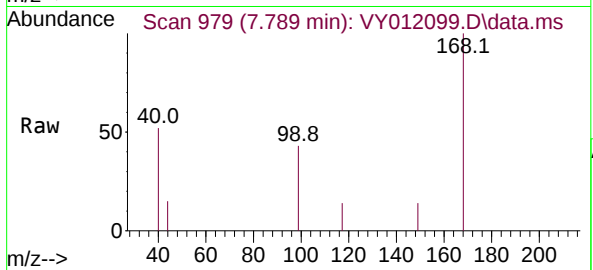




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012099.D
Acq: 06 Jan 2023 18:11

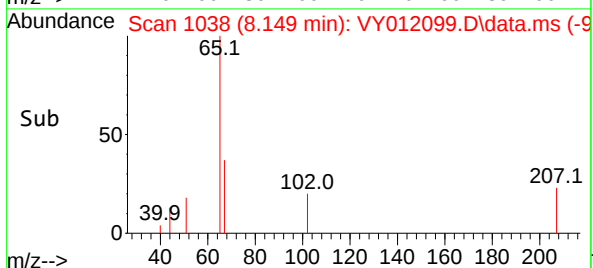
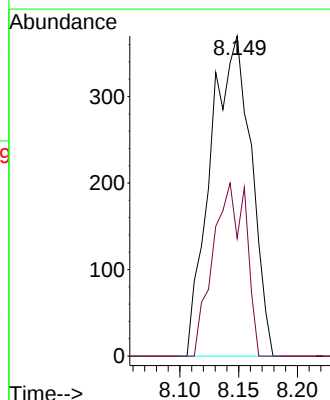
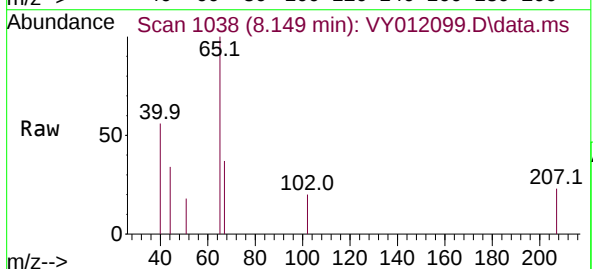
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-010523

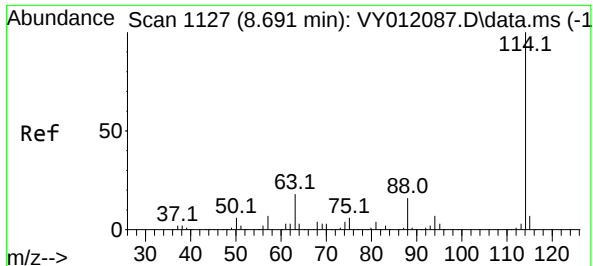
Tgt Ion:168 Resp: 1017
Ion Ratio Lower Upper
168 100
99 42.8 44.0 66.0#



#33
1,2-Dichloroethane-d4
Concen: 77.969 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY012099.D
Acq: 06 Jan 2023 18:11

Tgt Ion: 65 Resp: 891
Ion Ratio Lower Upper
65 100
67 43.5 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012099.D

Acq: 06 Jan 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

CL-01-010523

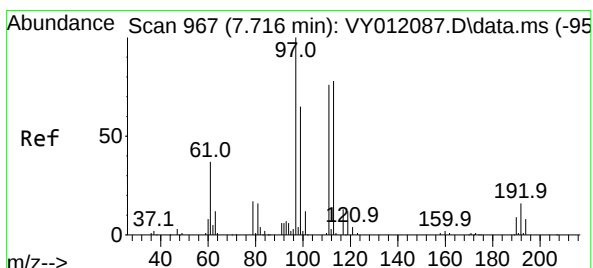
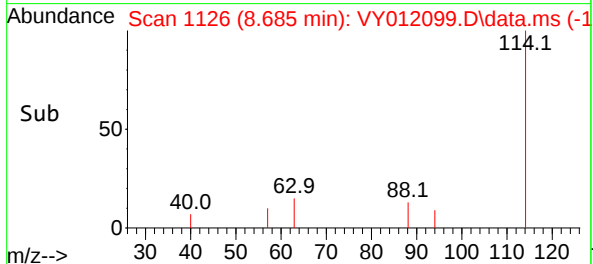
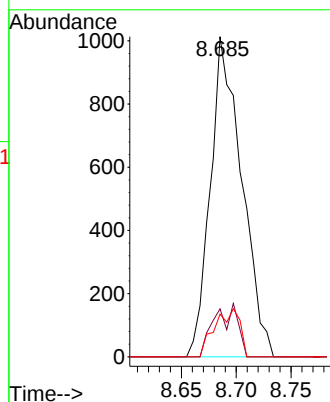
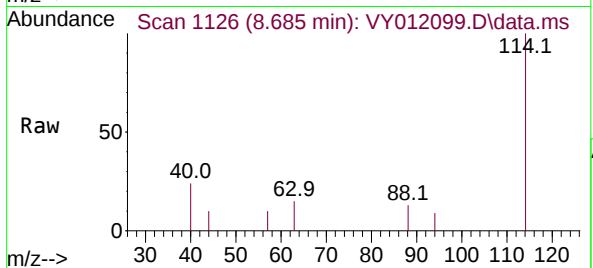
Tgt Ion:114 Resp: 2015

Ion Ratio Lower Upper

114 100

63 15.0 0.0 39.6

88 13.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 18.423 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012099.D

Acq: 06 Jan 2023 18:11

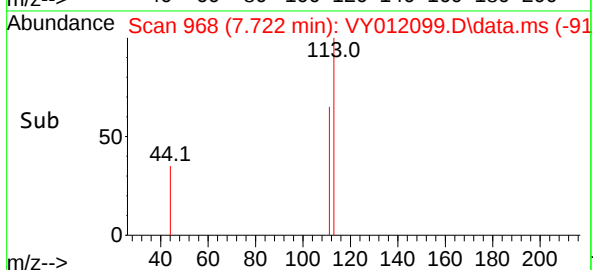
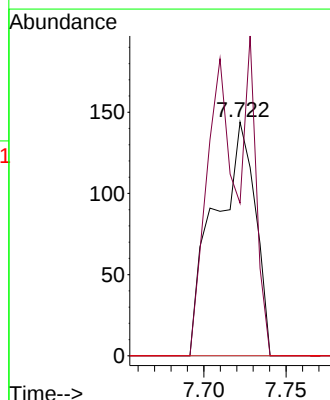
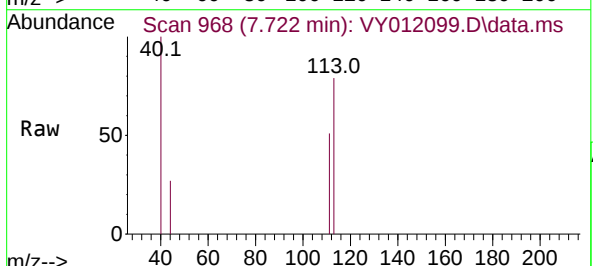
Tgt Ion:113 Resp: 244

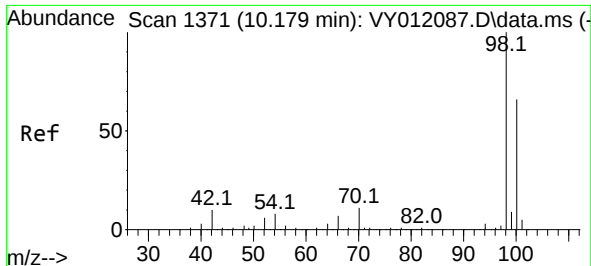
Ion Ratio Lower Upper

113 100

111 125.4 83.0 124.4#

192 0.0 16.0 24.0#

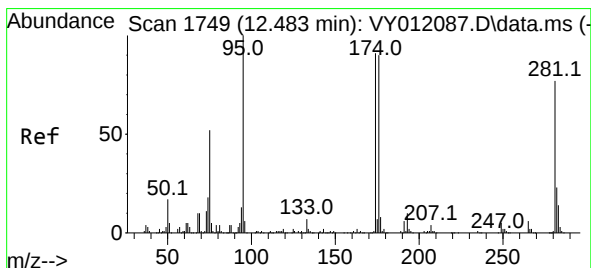
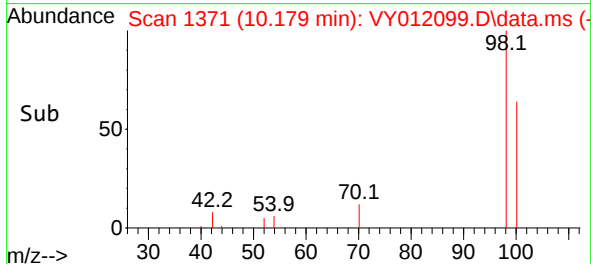
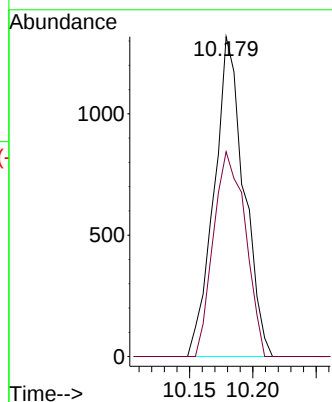
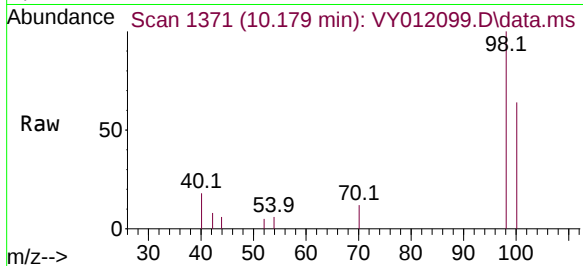




#50
Toluene-d8
Concen: 41.377 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012099.D
Acq: 06 Jan 2023 18:11

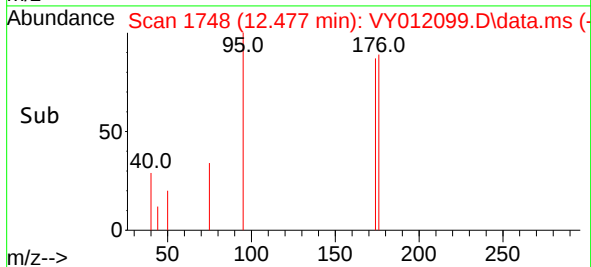
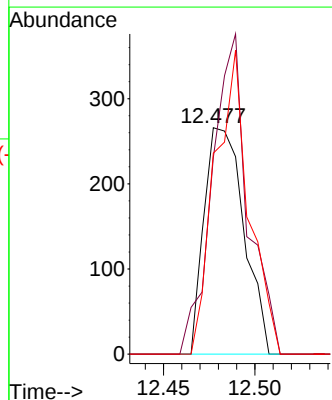
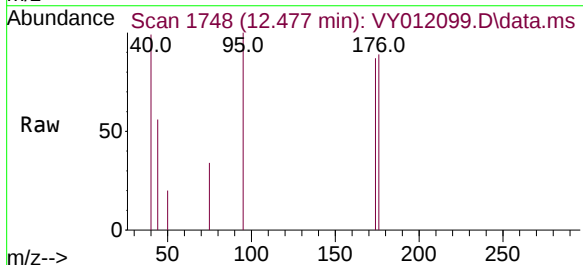
Instrument :
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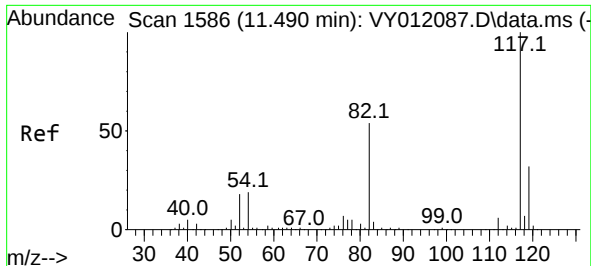
Tgt Ion: 98 Resp: 2163
Ion Ratio Lower Upper
98 100
100 68.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 22.000 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012099.D
Acq: 06 Jan 2023 18:11

Tgt Ion: 95 Resp: 402
Ion Ratio Lower Upper
95 100
174 127.1 0.0 172.0
176 115.2 0.0 167.6

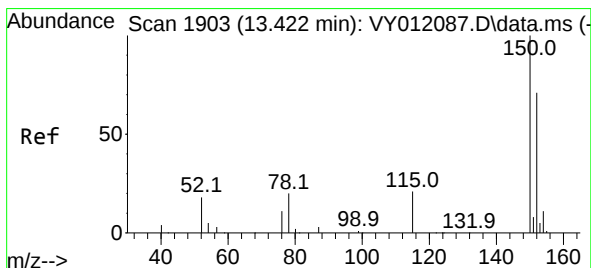
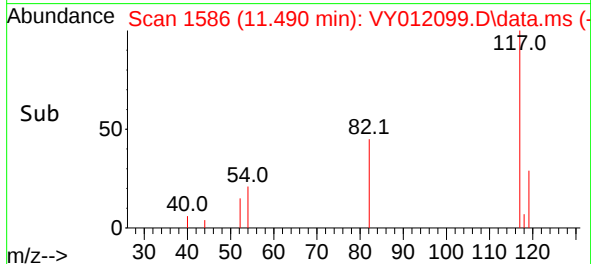
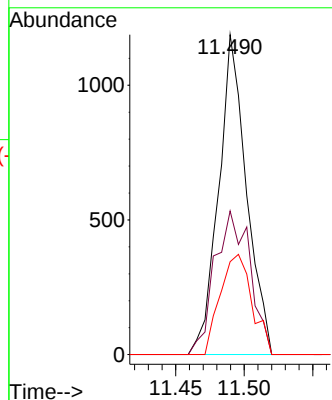
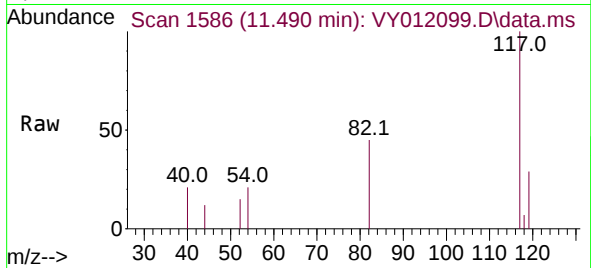




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012099.D
Acq: 06 Jan 2023 18:11

Instrument :
MSVOA_Y
ClientSampleId :
CL-01-010523

Tgt Ion:117 Resp: 1681
Ion Ratio Lower Upper
117 100
82 44.9 44.8 67.2
119 29.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012099.D
Acq: 06 Jan 2023 18:11

Tgt Ion:152 Resp: 454
Ion Ratio Lower Upper
152 100
115 32.6 29.1 87.3
150 155.7 0.0 342.6

