

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
 Data File : VY013975.D
 Acq On : 01 Jun 2023 19:36
 Operator : KP/MD
 Sample : 02985-02RE
 Misc : 15.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PLYMOUTH-XRDS-001

Quant Time: Jun 02 07:30:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	158888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	276602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	278892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128988	61.326	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.660%	
35) Dibromofluoromethane	7.716	113	95403	54.273	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.540%	
50) Toluene-d8	10.173	98	342351	51.058	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.120%	
62) 4-Bromofluorobenzene	12.477	95	114969	50.295	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.580%	

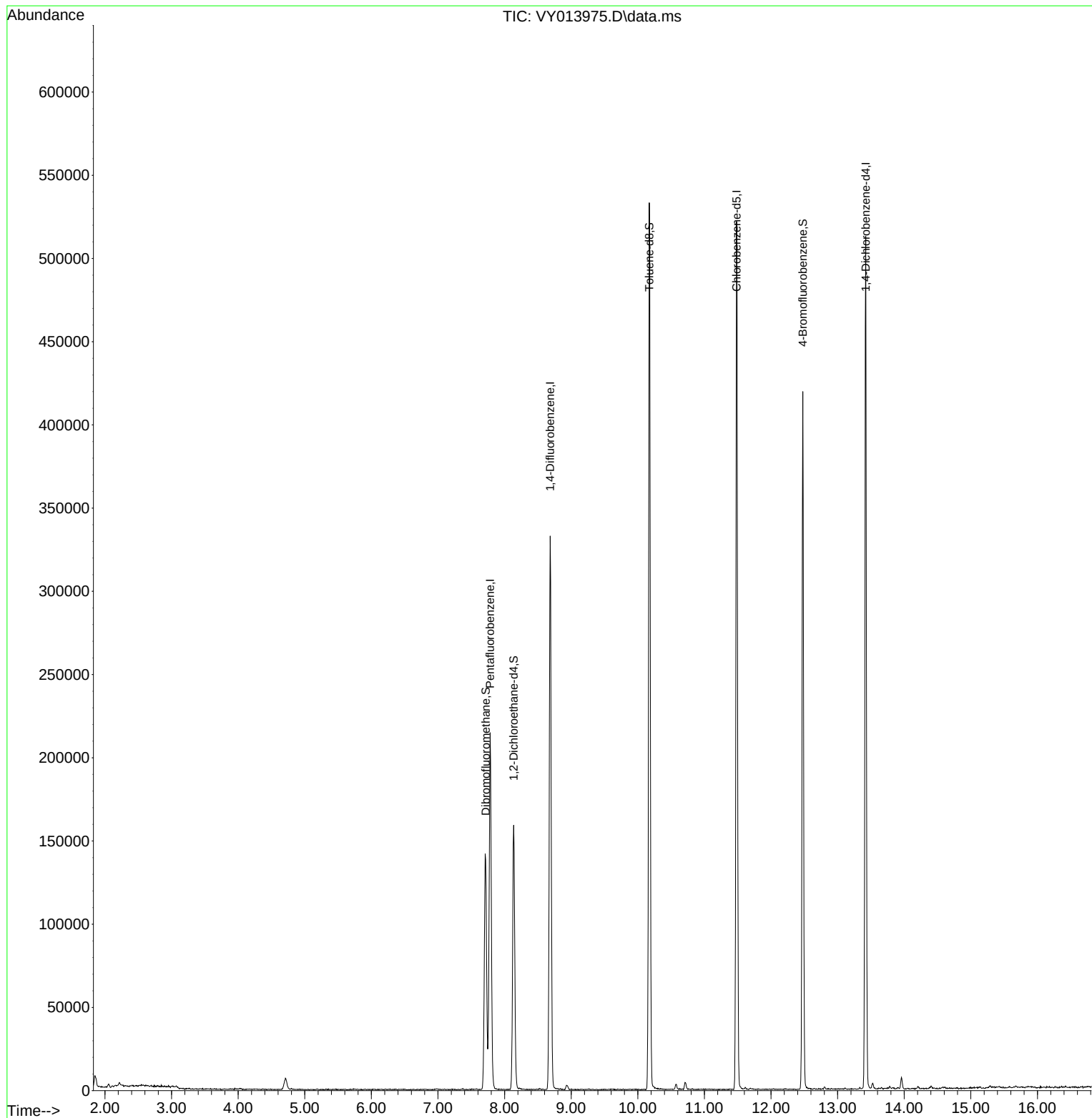
Target Compounds	Qvalue

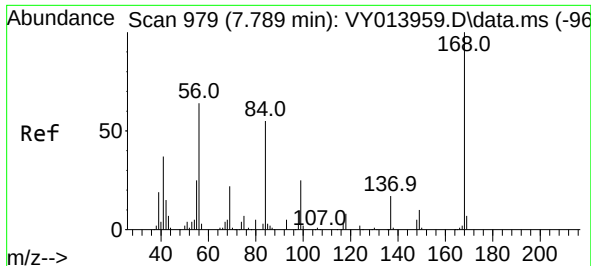
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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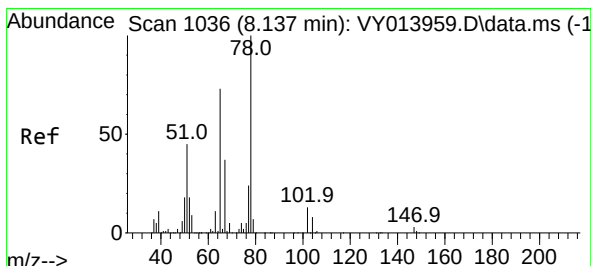
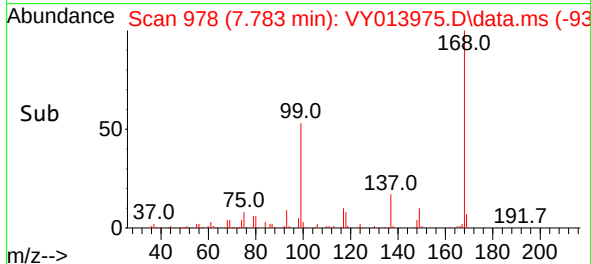
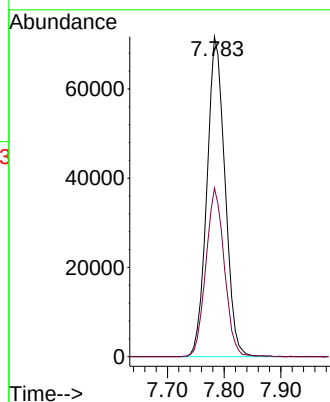
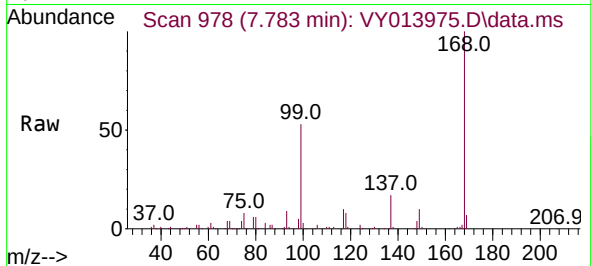




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013975.D
Acq: 01 Jun 2023 19:36

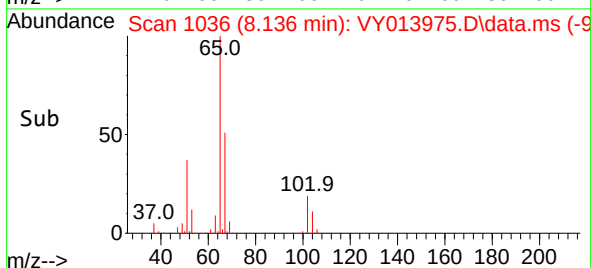
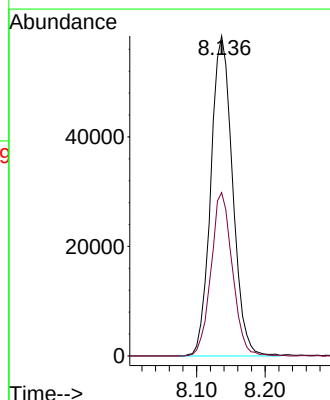
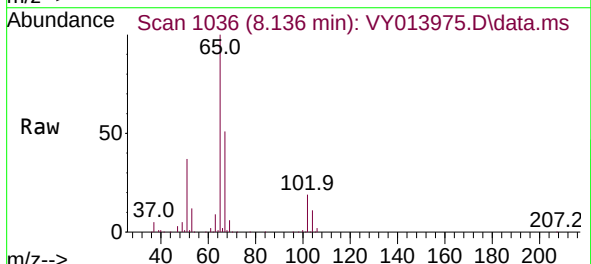
Instrument :
MSVOA_Y
ClientSampleId :
PLYMOUTH-XRDS-001

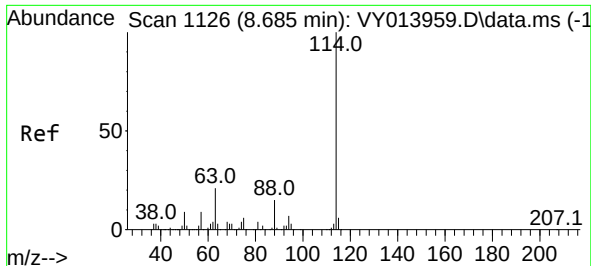
Tgt Ion:168 Resp: 158888
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 61.326 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013975.D
Acq: 01 Jun 2023 19:36

Tgt Ion: 65 Resp: 128988
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.8

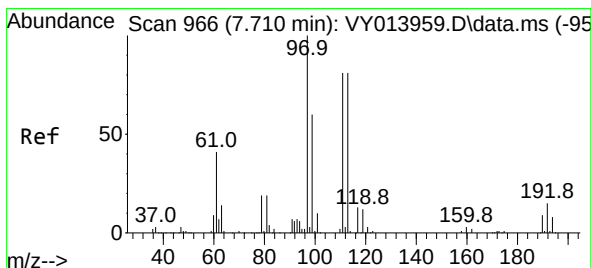
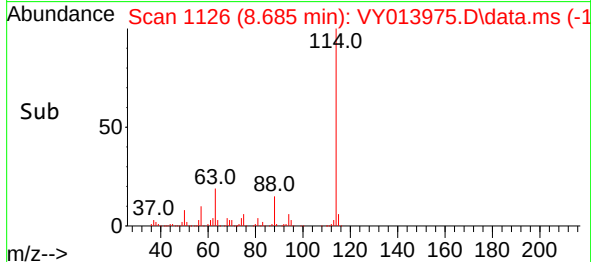
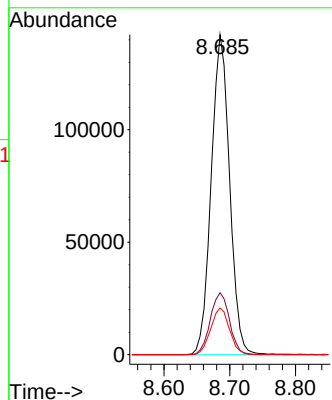
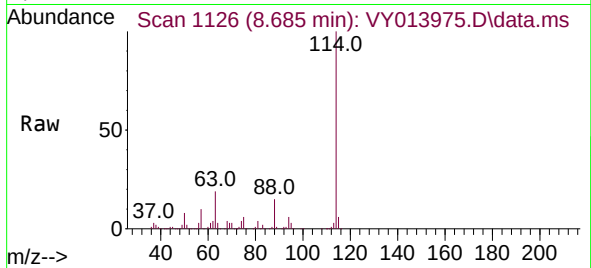




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY013975.D
Acq: 01 Jun 2023 19:36

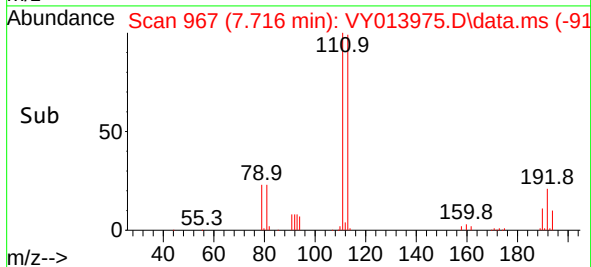
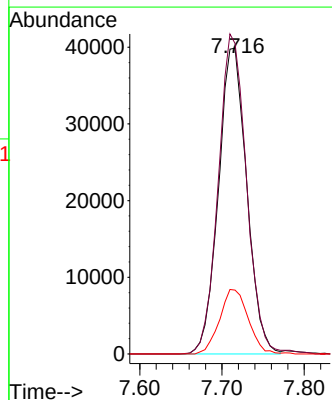
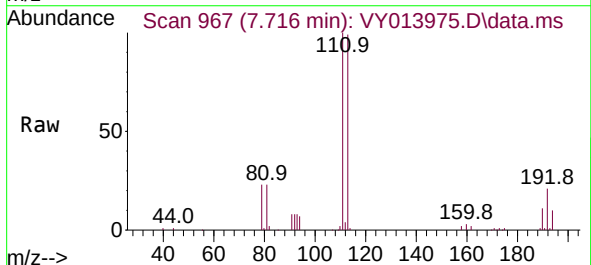
Instrument :
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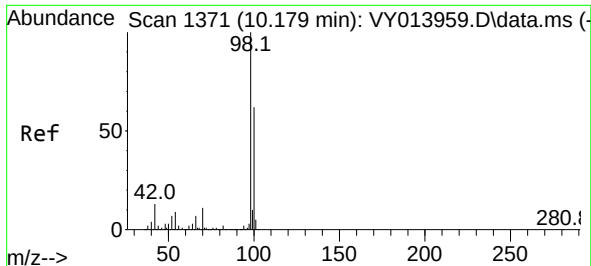
Tgt Ion:114 Resp: 276602
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.273 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY013975.D
Acq: 01 Jun 2023 19:36

Tgt Ion:113 Resp: 95403
Ion Ratio Lower Upper
113 100
111 104.2 81.3 121.9
192 21.4 16.9 25.3

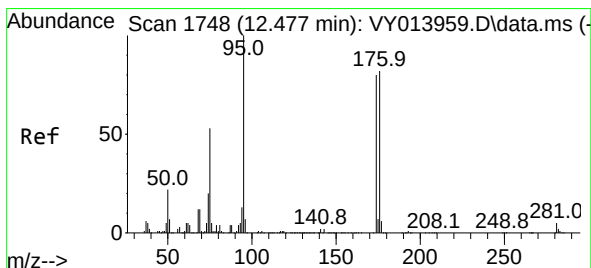
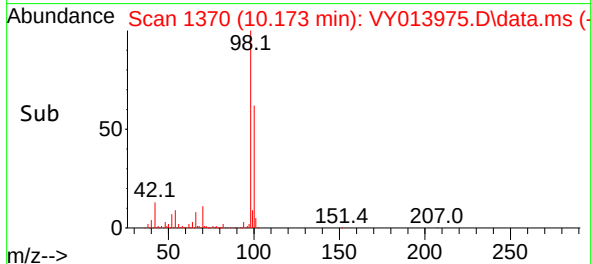
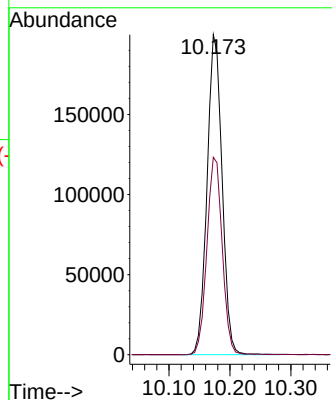
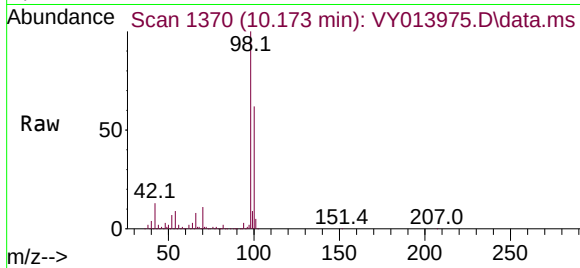




#50
Toluene-d8
Concen: 51.058 ug/l
RT: 10.173 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013975.D
Acq: 01 Jun 2023 19:36

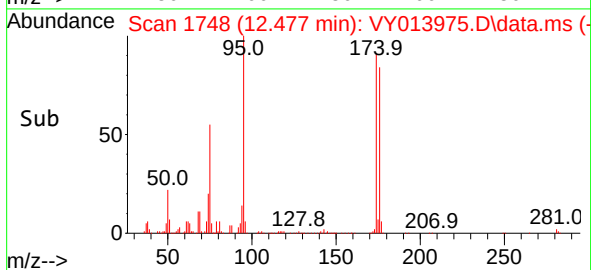
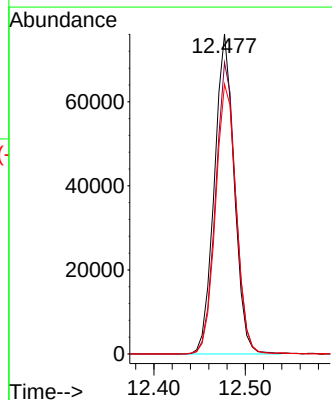
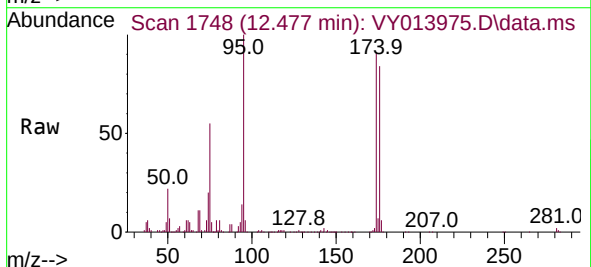
Instrument :
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ClientSampleId :
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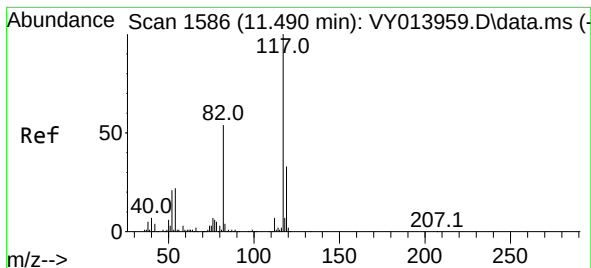
Tgt Ion: 98 Resp: 342351
Ion Ratio Lower Upper
98 100
100 62.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.295 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013975.D
Acq: 01 Jun 2023 19:36

Tgt Ion: 95 Resp: 114969
Ion Ratio Lower Upper
95 100
174 92.8 0.0 178.2
176 87.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013975.D

Acq: 01 Jun 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

PLYMOUTH-XRDS-001

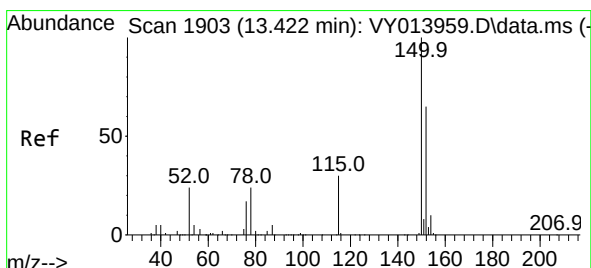
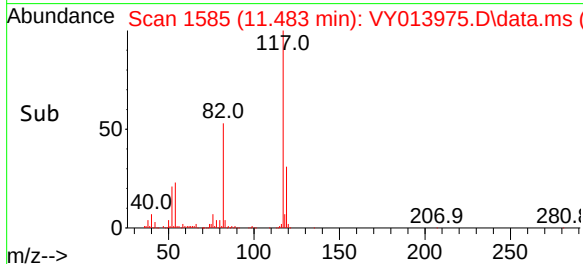
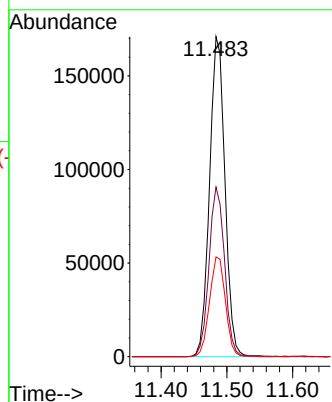
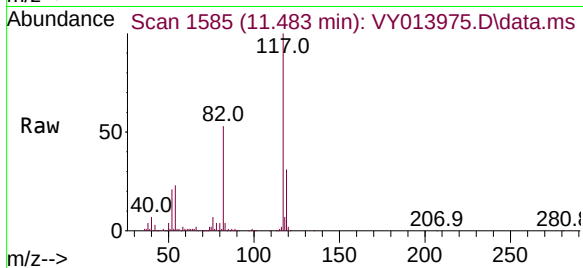
Tgt Ion:117 Resp: 278892

Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.0

119 31.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013975.D

Acq: 01 Jun 2023 19:36

Tgt Ion:152 Resp: 126846

Ion Ratio Lower Upper

152 100

115 56.5 28.8 86.5

150 155.3 0.0 348.8

