

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101322\
 Data File : VY010959.D
 Acq On : 13 Oct 2022 15:48
 Operator : KP/MD
 Sample : N5104-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-01-101122

Quant Time: Oct 14 02:11:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

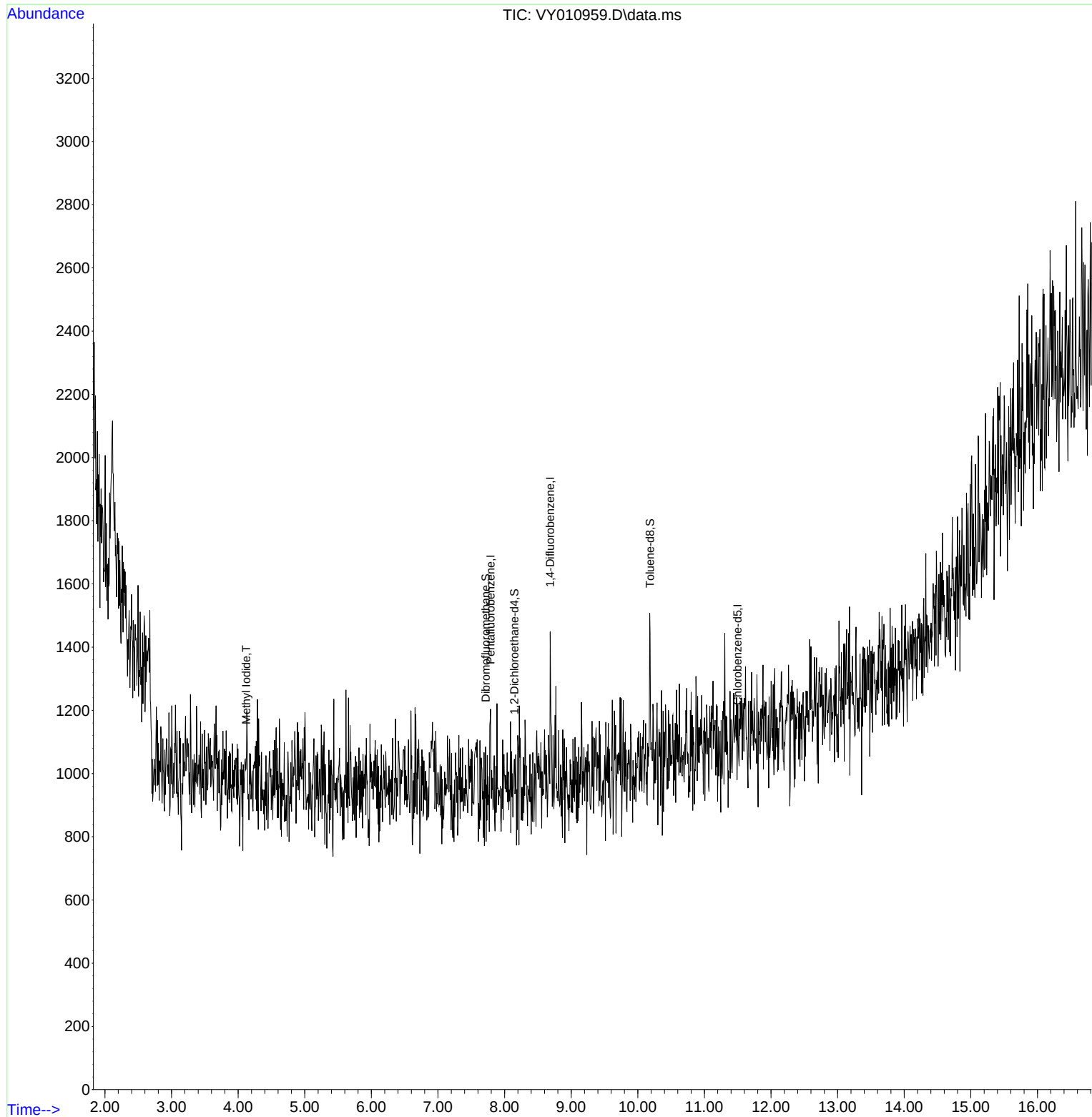
Internal Standards						
1) Pentafluorobenzene	7.789	168	209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	87	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.42
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	30	14.161	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	28.320%#
35) Dibromofluoromethane	7.716	113	37	16.540	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	33.080%#
50) Toluene-d8	10.185	98	181	23.659	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	47.320%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#
Target Compounds						Qvalue
10) Methyl Iodide	4.119	142	191	70.569	ug/l	# 35

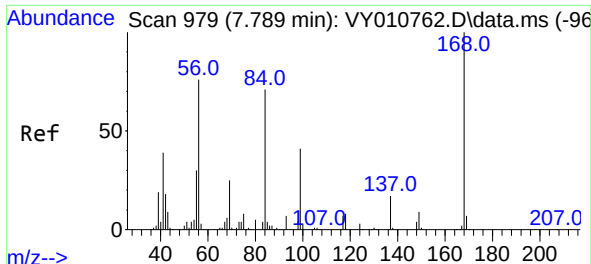
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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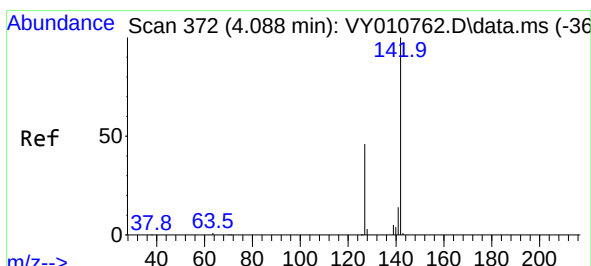
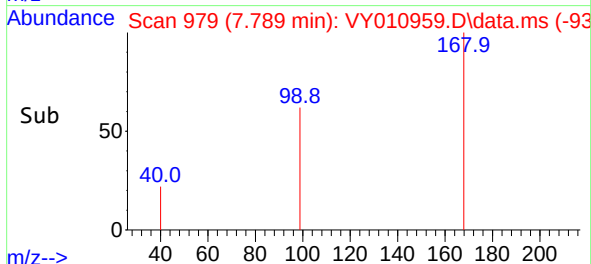
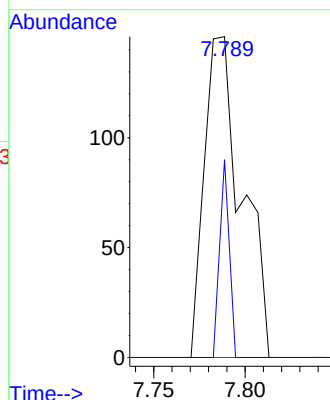
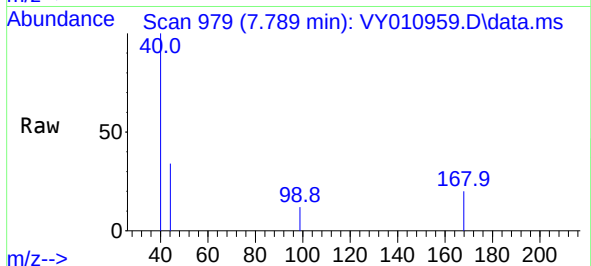




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010959.D
Acq: 13 Oct 2022 15:48

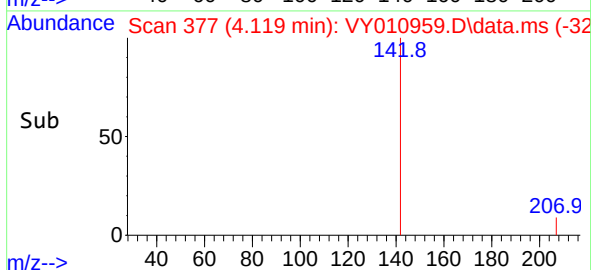
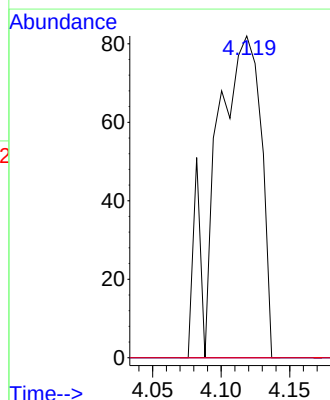
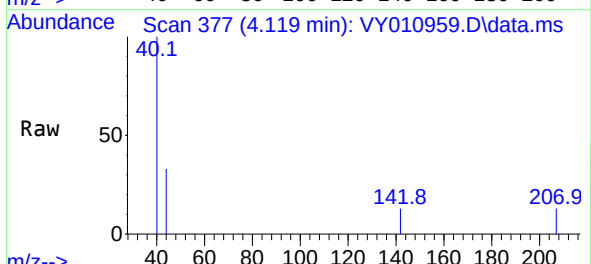
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-101122

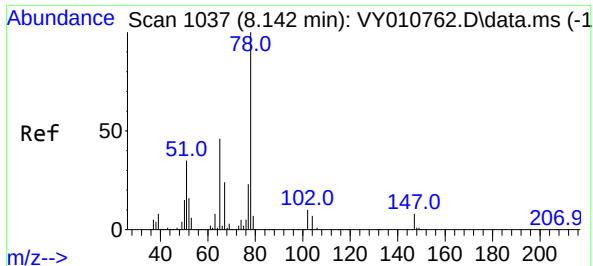
Tgt Ion:168 Resp: 209
Ion Ratio Lower Upper
168 100
99 61.6 46.9 70.3



#10
Methyl Iodide
Concen: 70.569 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.031 min
Lab File: VY010959.D
Acq: 13 Oct 2022 15:48

Tgt Ion:142 Resp: 191
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#





#33

1,2-Dichloroethane-d4

Concen: 14.161 ug/l

RT: 8.148 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY010959.D

Acq: 13 Oct 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

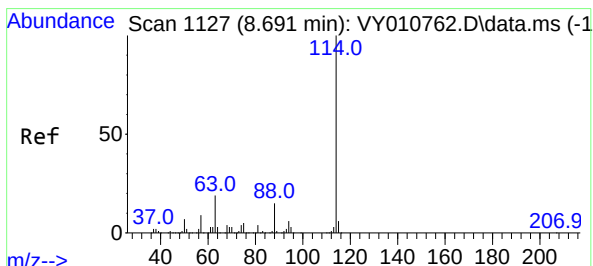
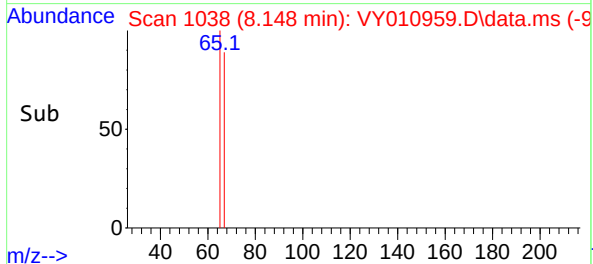
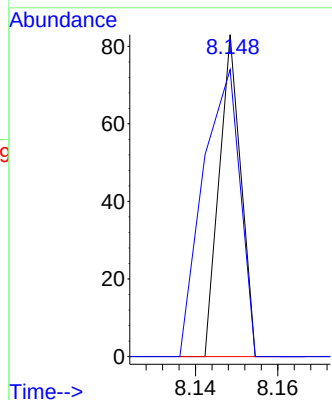
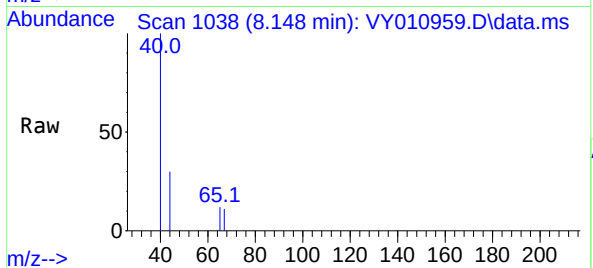
PL-01-101122

Tgt Ion: 65 Resp: 30

Ion Ratio Lower Upper

65 100

67 153.3 0.0 99.4#



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010959.D

Acq: 13 Oct 2022 15:48

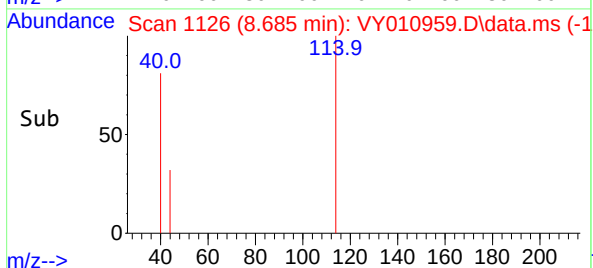
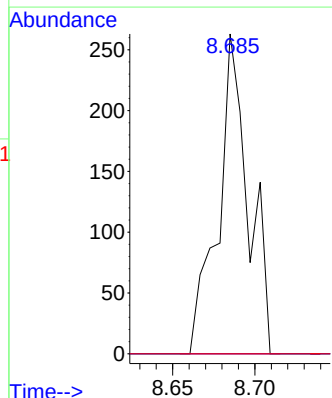
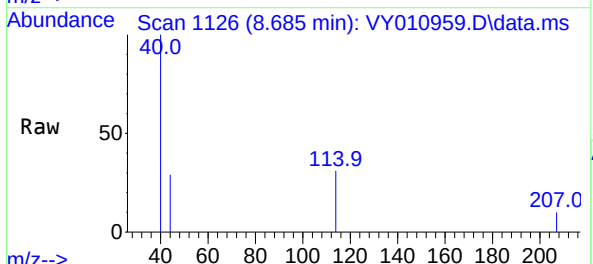
Tgt Ion: 114 Resp: 337

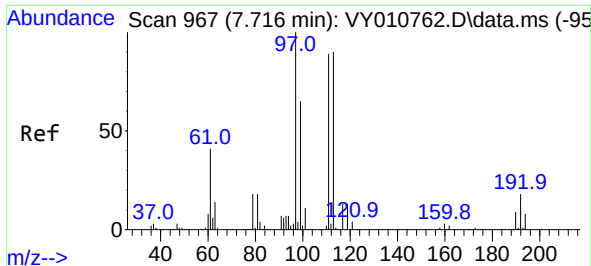
Ion Ratio Lower Upper

114 100

63 0.0 0.0 43.2

88 0.0 0.0 31.8

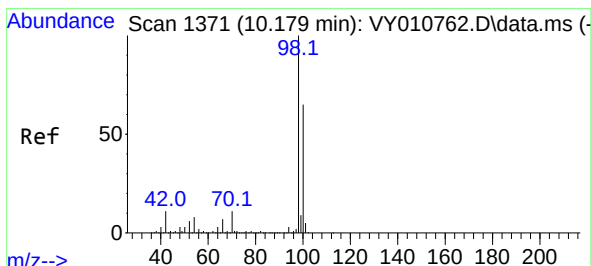
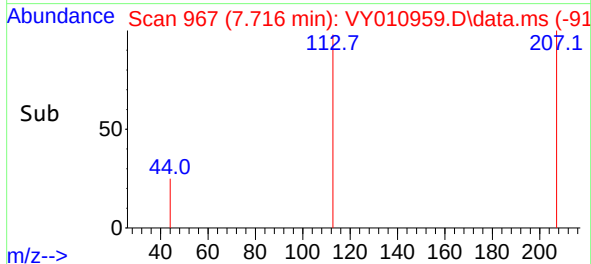
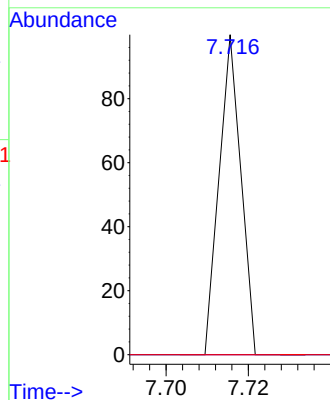
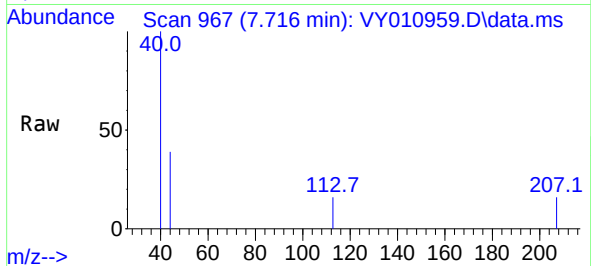




#35
Dibromofluoromethane
Concen: 16.540 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010959.D
Acq: 13 Oct 2022 15:48

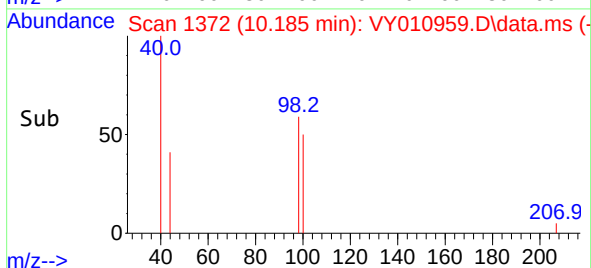
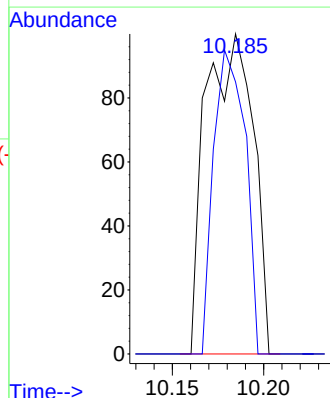
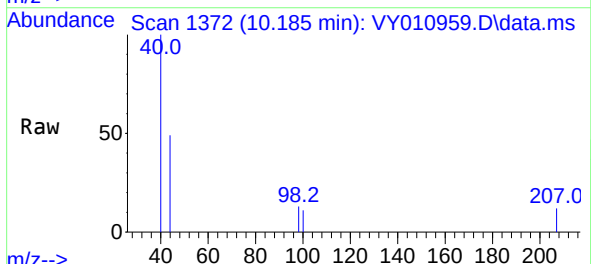
Instrument :
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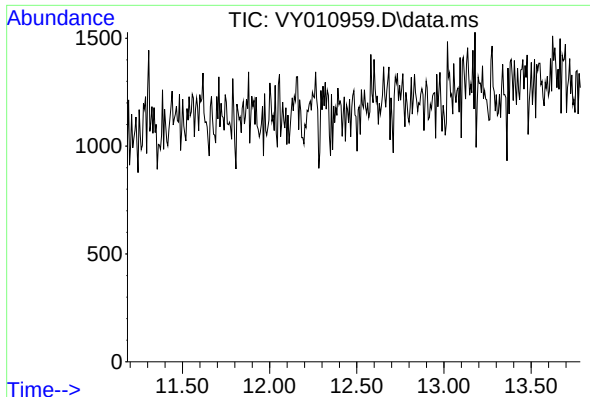
Tgt Ion:113 Resp: 37
Ion Ratio Lower Upper
113 100
111 0.0 82.6 124.0#
192 0.0 17.6 26.4#



#50
Toluene-d8
Concen: 23.659 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY010959.D
Acq: 13 Oct 2022 15:48

Tgt Ion: 98 Resp: 181
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2

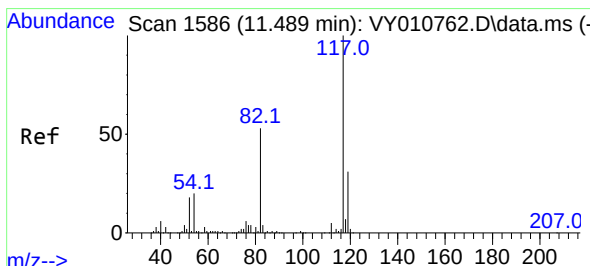
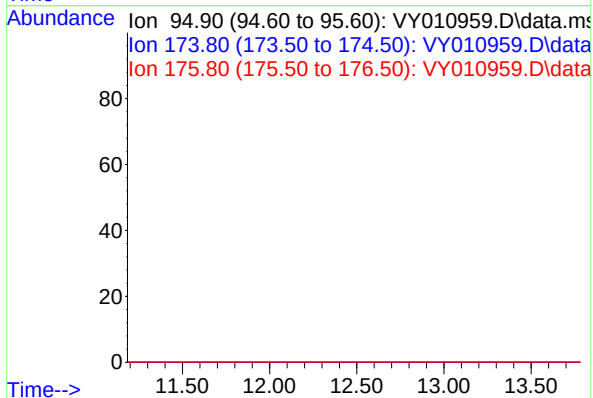




#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.48 min
 Lab File: VY010959.D
 Acq: 13 Oct 2022 15:48

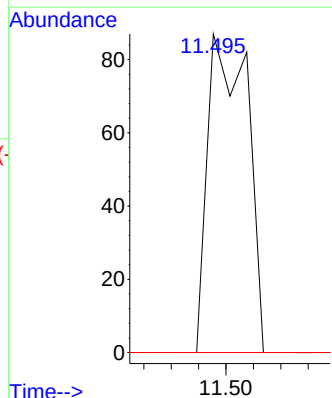
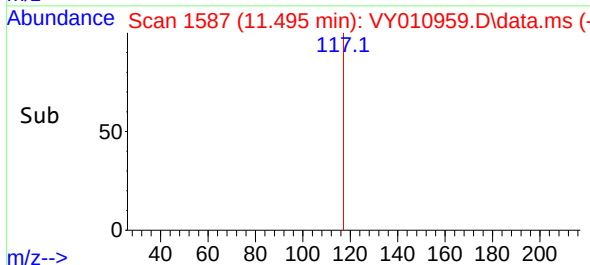
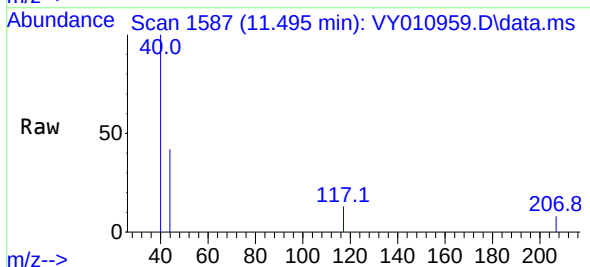
Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-01-101122

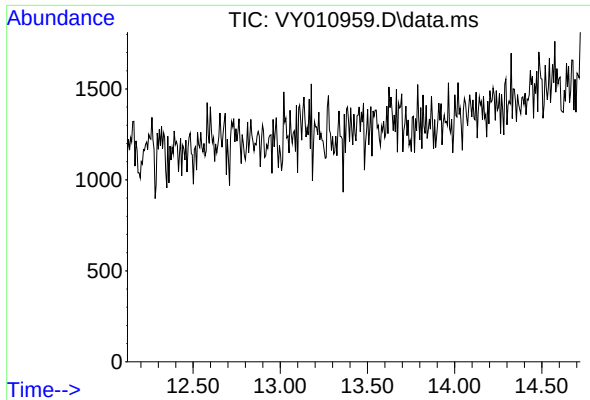
Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 88.5
 176 87.9



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.495 min Scan# 1587
 Delta R.T. 0.006 min
 Lab File: VY010959.D
 Acq: 13 Oct 2022 15:48

Tgt Ion: 117 Resp: 87
 Ion Ratio Lower Upper
 117 100
 82 0.0 43.0 64.4#
 119 0.0 25.4 38.0#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.42 min
Lab File: VY010959.D
Acq: 13 Oct 2022 15:48

Instrument :
MSVOA_Y
ClientSampleId :
PL-01-101122

Tgt Ion: 152
Sig Exp Ratio
152 100
115 56.5
150 173.8

