

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060523\
 Data File : VY014018.D
 Acq On : 05 Jun 2023 19:27
 Operator : KP/MD
 Sample : 02976-04
 Misc : 6.70g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Jun 06 03:59:51 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)

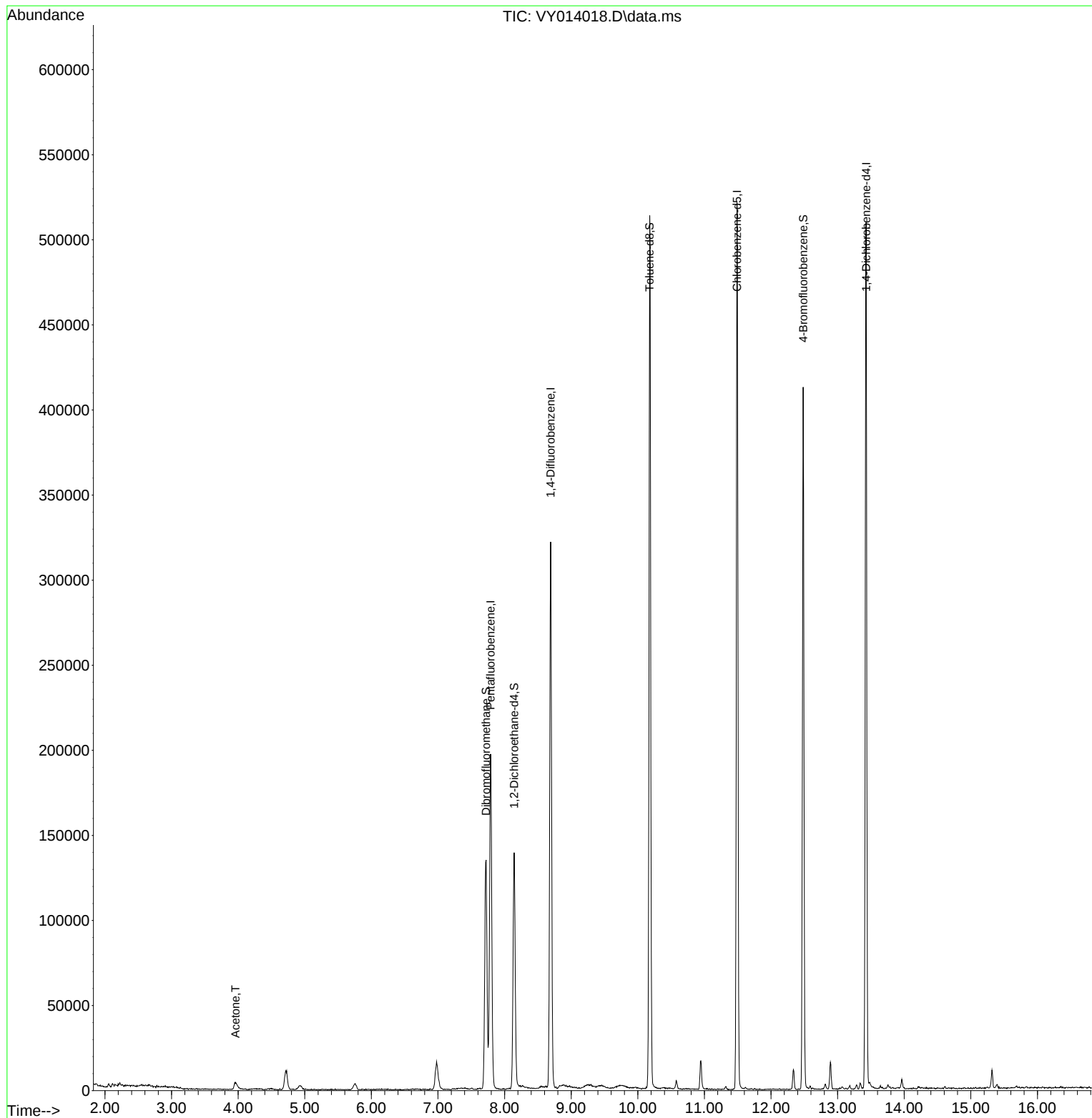
Internal Standards						
1) Pentafluorobenzene	7.789	168	152171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	262309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	272704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	113380	56.285	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.580%	
35) Dibromofluoromethane	7.722	113	92899	55.728	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.460%	
50) Toluene-d8	10.179	98	331057	52.064	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.120%	
62) 4-Bromofluorobenzene	12.483	95	113959	52.569	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.140%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	9144	13.268	ug/l	98

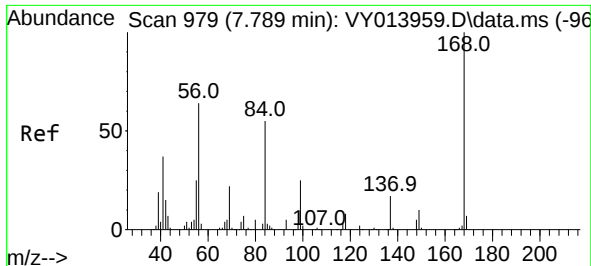
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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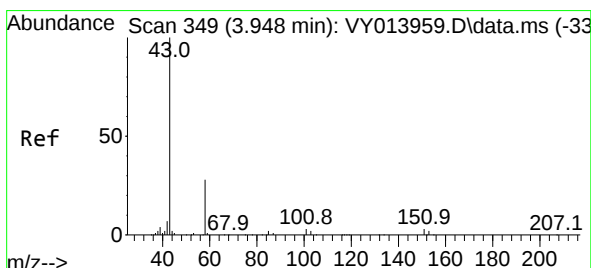
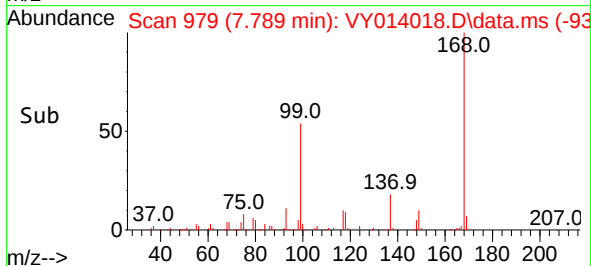
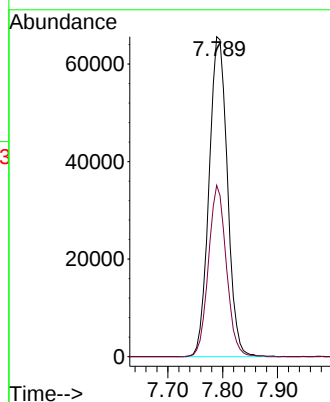
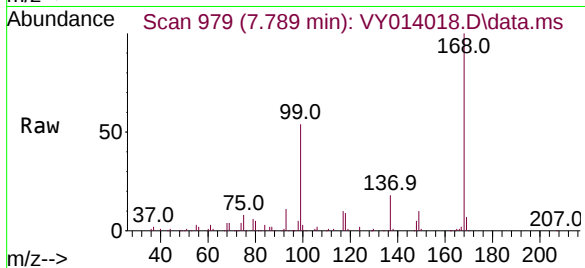




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014018.D
Acq: 05 Jun 2023 19:27

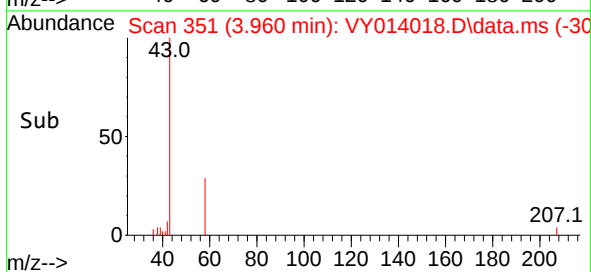
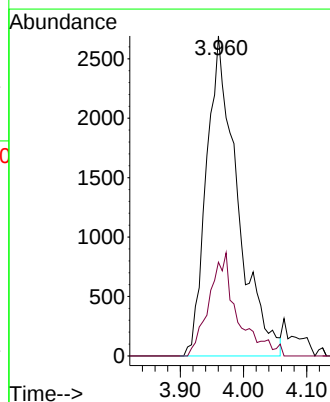
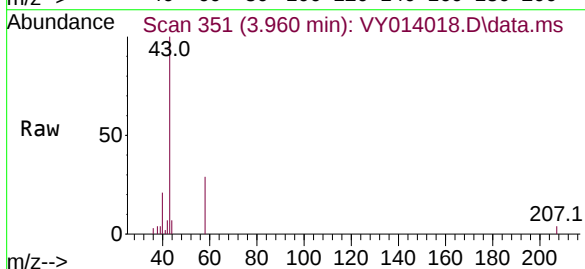
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

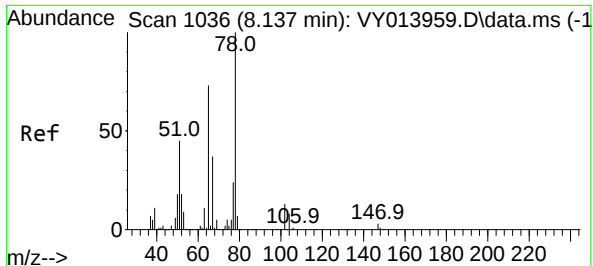
Tgt Ion:168 Resp: 152171
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#16
Acetone
Concen: 13.268 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY014018.D
Acq: 05 Jun 2023 19:27

Tgt Ion: 43 Resp: 9144
Ion Ratio Lower Upper
43 100
58 29.3 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 56.285 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY014018.D

Acq: 05 Jun 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

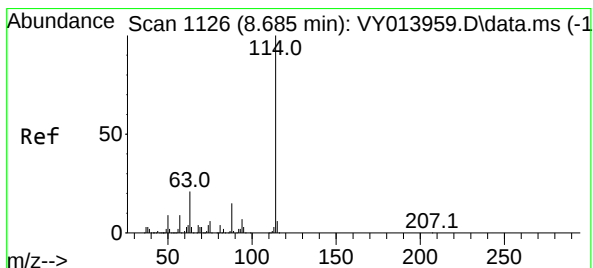
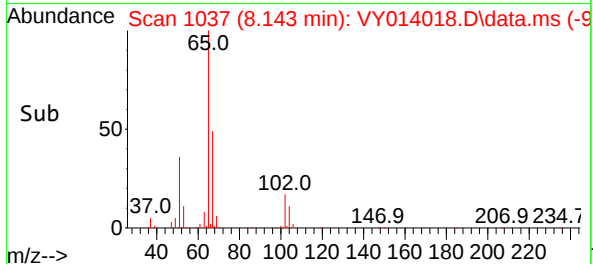
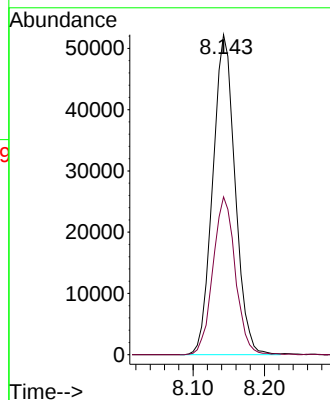
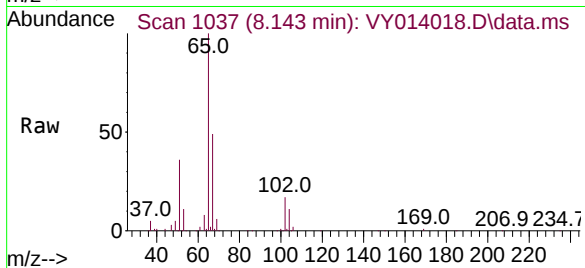
TP-2

Tgt Ion: 65 Resp: 113380

Ion Ratio Lower Upper

65 100

67 49.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014018.D

Acq: 05 Jun 2023 19:27

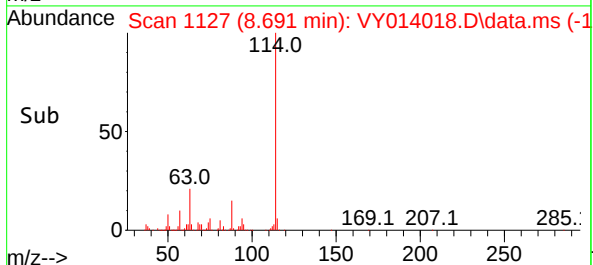
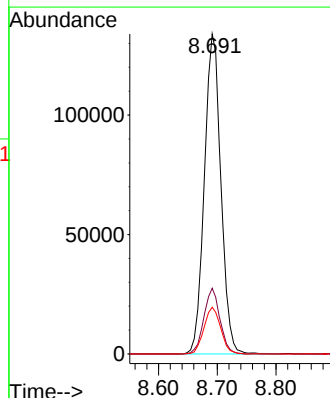
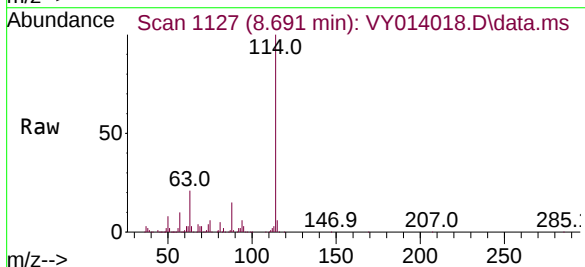
Tgt Ion: 114 Resp: 262309

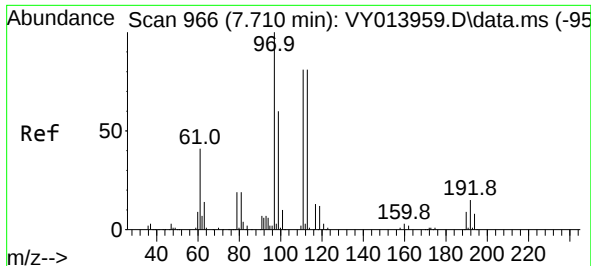
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.4

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.728 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.012 min

Lab File: VY014018.D

Acq: 05 Jun 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

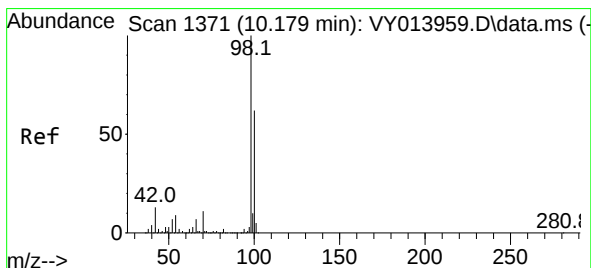
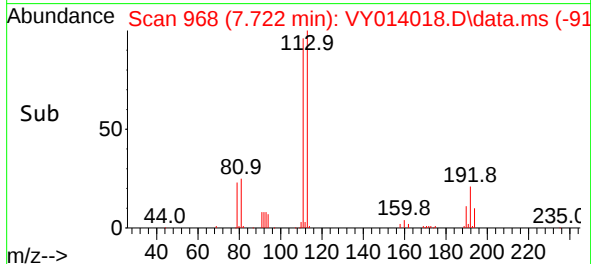
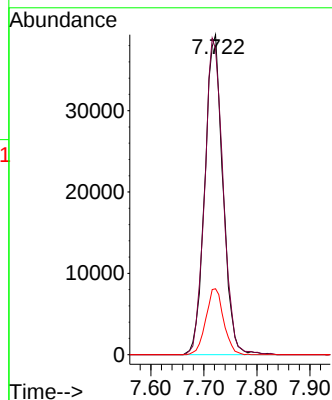
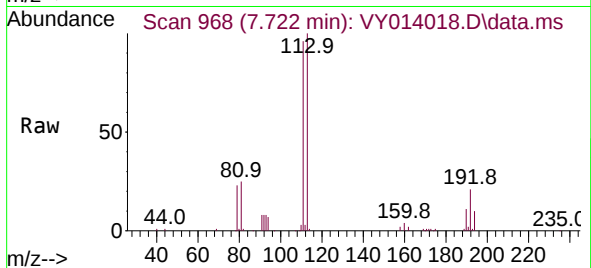
Tgt Ion:113 Resp: 92899

Ion Ratio Lower Upper

113 100

111 100.7 81.3 121.9

192 20.3 16.9 25.3



#50

Toluene-d8

Concen: 52.064 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014018.D

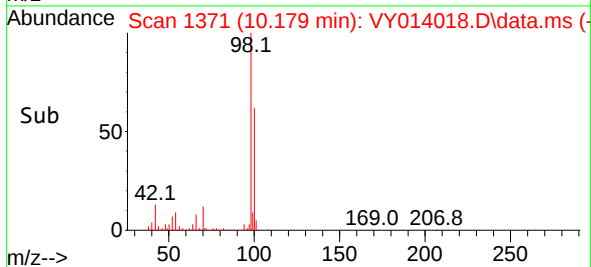
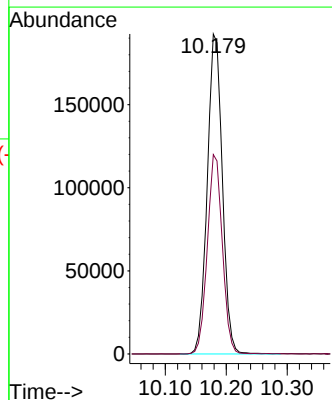
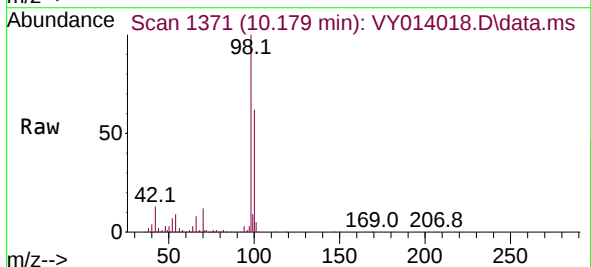
Acq: 05 Jun 2023 19:27

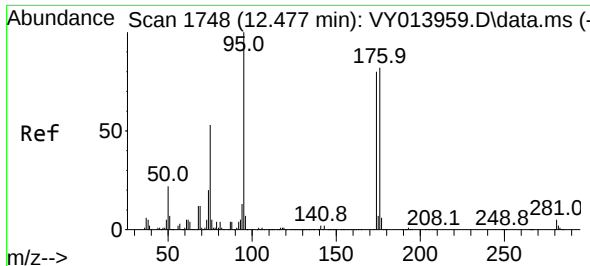
Tgt Ion: 98 Resp: 331057

Ion Ratio Lower Upper

98 100

100 62.1 50.1 75.1

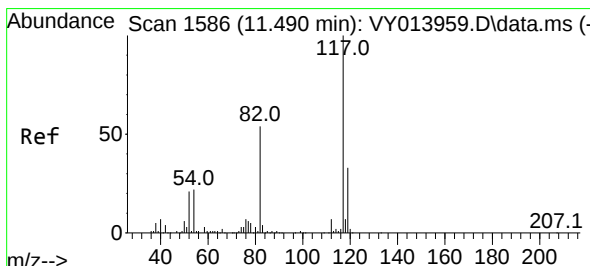
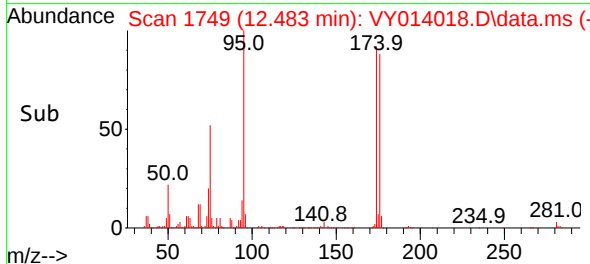
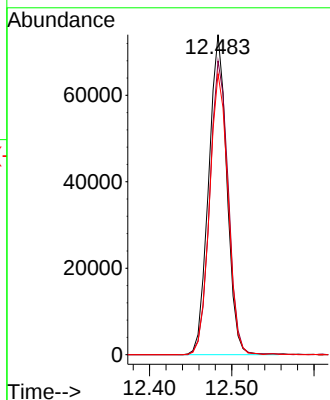
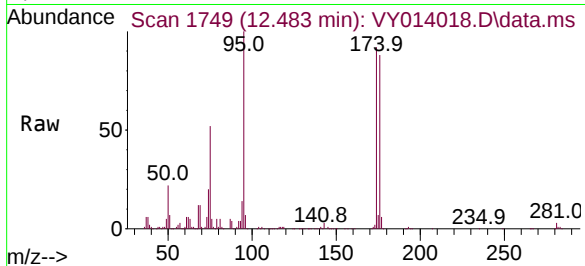




#62
4-Bromofluorobenzene
Concen: 52.569 ug/l
RT: 12.483 min Scan# 113959
Delta R.T. 0.006 min
Lab File: VY014018.D
Acq: 05 Jun 2023 19:27

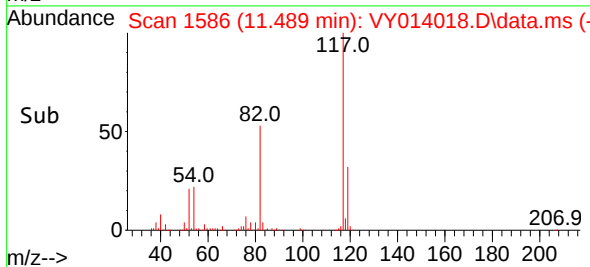
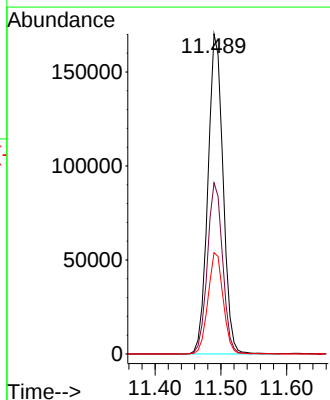
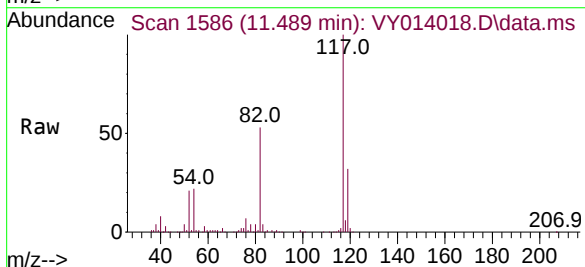
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

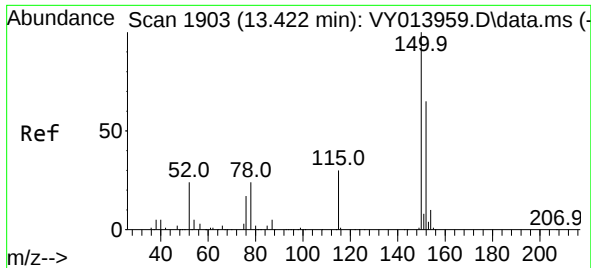
Tgt Ion: 95 Resp: 113959
Ion Ratio Lower Upper
95 100
174 93.2 0.0 178.2
176 89.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY014018.D
Acq: 05 Jun 2023 19:27

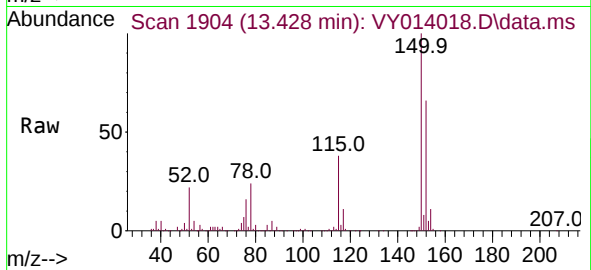
Tgt Ion: 117 Resp: 272704
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 31.7 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY014018.D
 Acq: 05 Jun 2023 19:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2



Tgt Ion:152 Resp: 132113
 Ion Ratio Lower Upper
 152 100
 115 56.6 28.8 86.5
 150 155.5 0.0 348.8

