

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014053.D
 Acq On : 07 Jun 2023 12:35
 Operator : KP/MD
 Sample : 03029-04
 Misc : 4.52g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7

Quant Time: Jun 08 02:32:27 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)

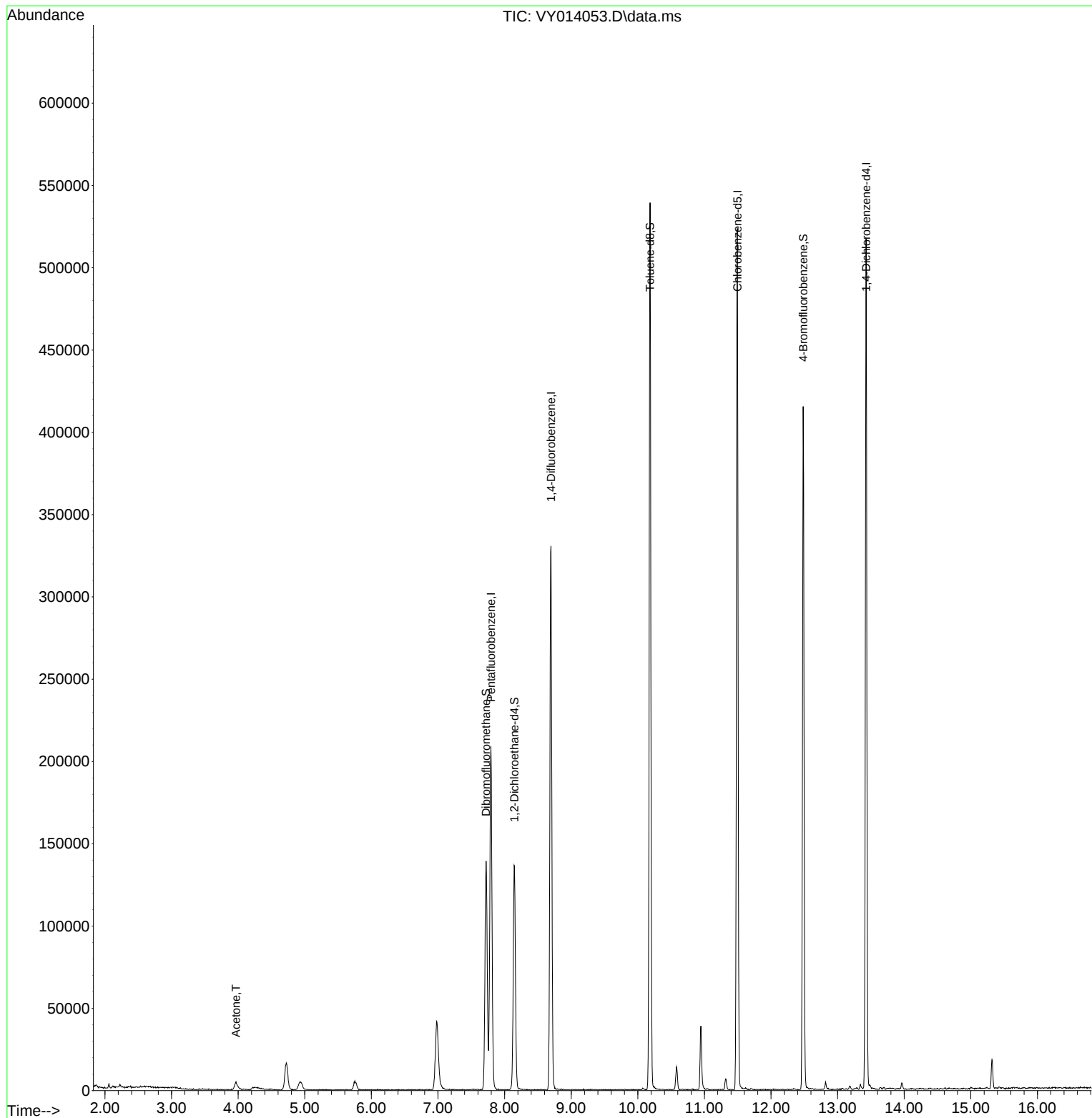
Internal Standards						
1) Pentafluorobenzene	7.795	168	160481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	276427	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	284896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	113696	53.519	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.040%	
35) Dibromofluoromethane	7.722	113	94590	53.845	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.680%	
50) Toluene-d8	10.185	98	345163	51.510	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.020%	
62) 4-Bromofluorobenzene	12.483	95	115491	50.555	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.100%	
Target Compounds						
16) Acetone	3.966	43	10212	14.050	ug/l	Qvalue 99

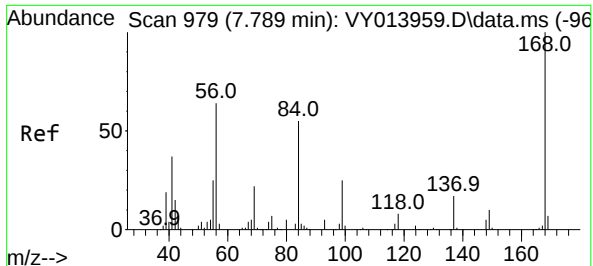
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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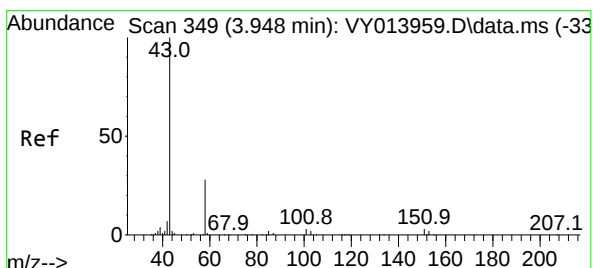
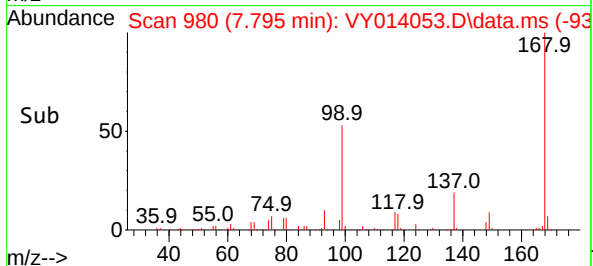
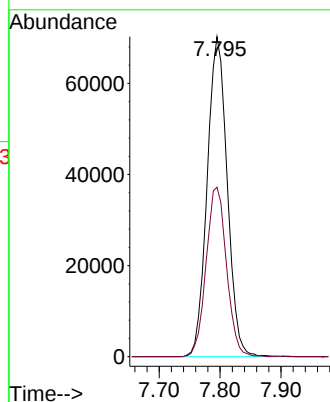
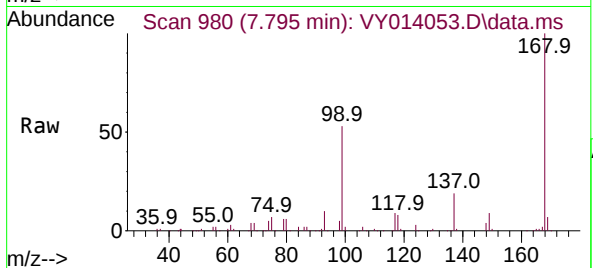




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014053.D
Acq: 07 Jun 2023 12:35

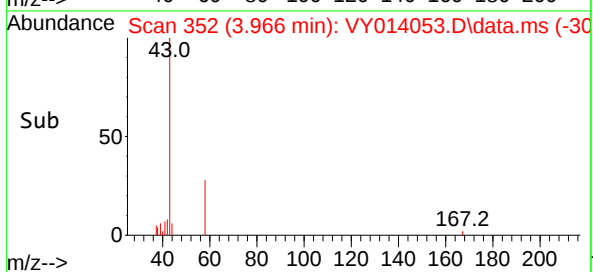
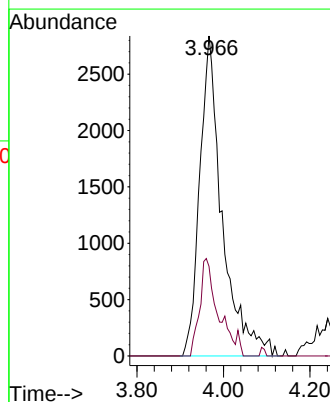
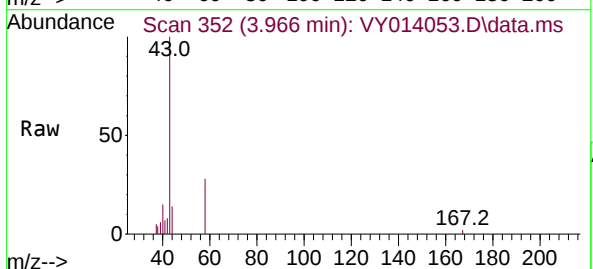
Instrument :
MSVOA_Y
ClientSampleId :
TP-7

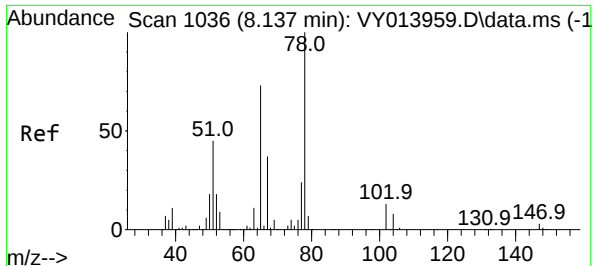
Tgt Ion:168 Resp: 160481
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#16
Acetone
Concen: 14.050 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.018 min
Lab File: VY014053.D
Acq: 07 Jun 2023 12:35

Tgt Ion: 43 Resp: 10212
Ion Ratio Lower Upper
43 100
58 28.0 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 53.519 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY014053.D

Acq: 07 Jun 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

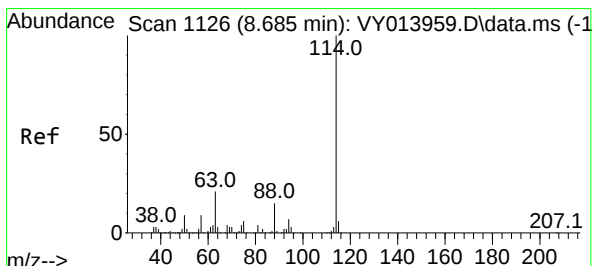
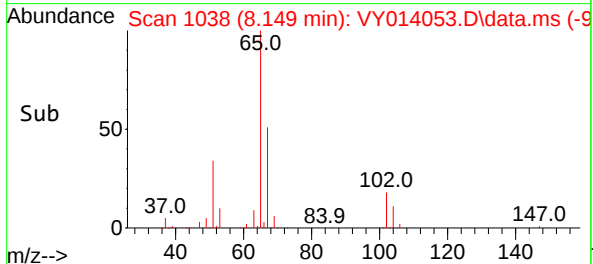
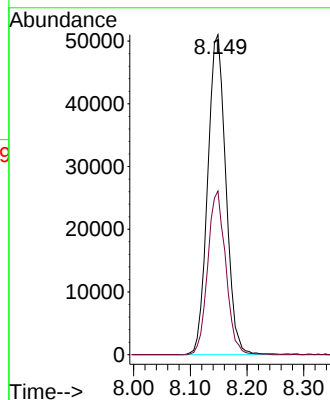
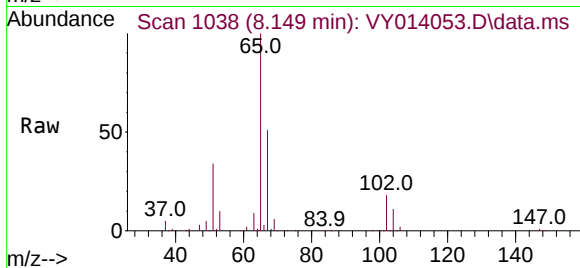
TP-7

Tgt Ion: 65 Resp: 113696

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY014053.D

Acq: 07 Jun 2023 12:35

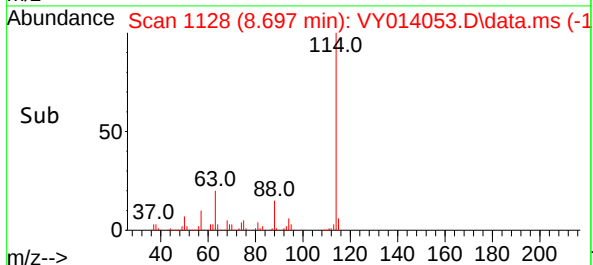
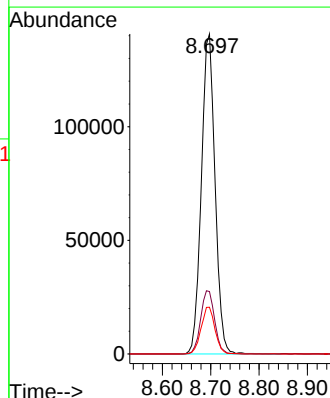
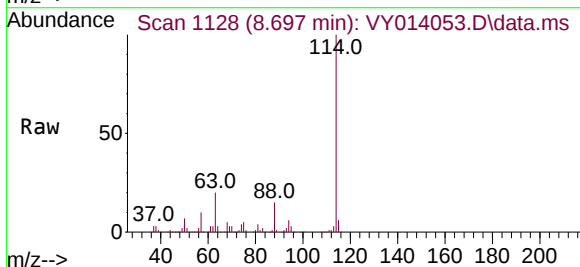
Tgt Ion: 114 Resp: 276427

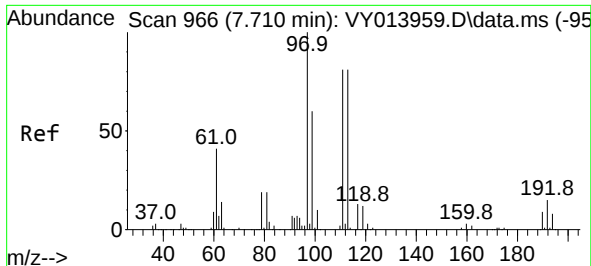
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.845 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.012 min

Lab File: VY014053.D

Acq: 07 Jun 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

TP-7

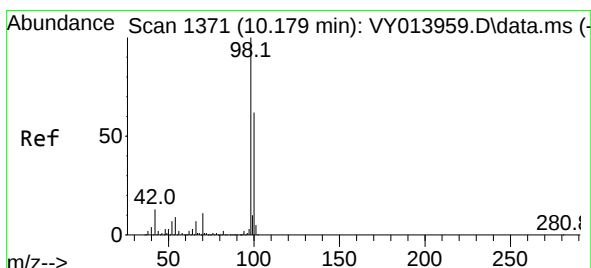
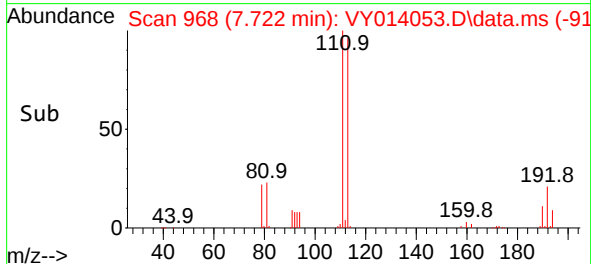
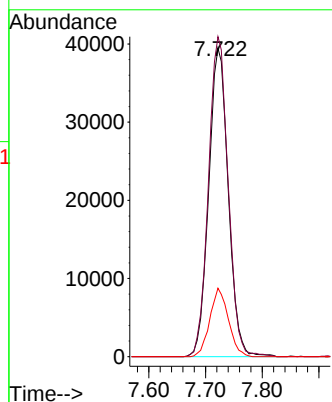
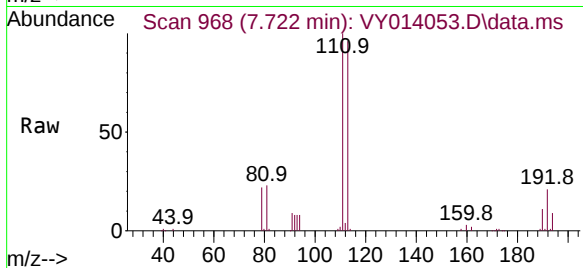
Tgt Ion:113 Resp: 94590

Ion Ratio Lower Upper

113 100

111 104.2 81.3 121.9

192 21.1 16.9 25.3



#50

Toluene-d8

Concen: 51.510 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY014053.D

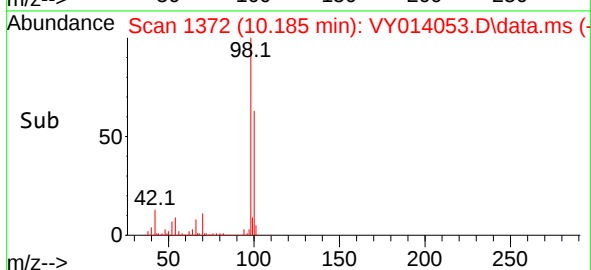
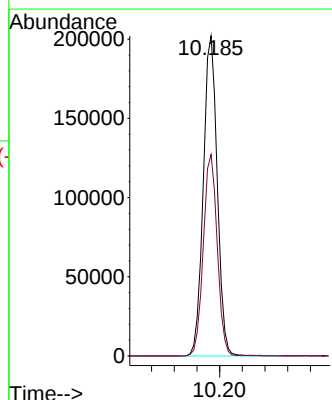
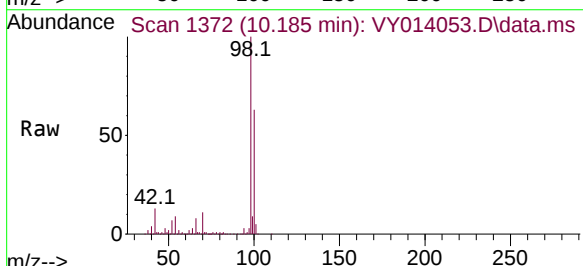
Acq: 07 Jun 2023 12:35

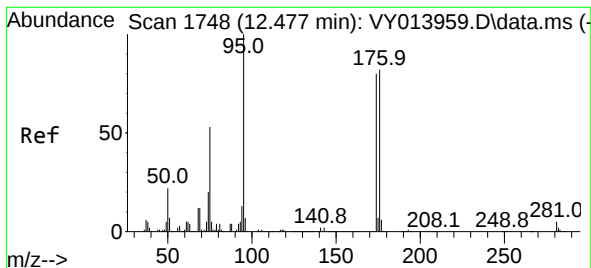
Tgt Ion: 98 Resp: 345163

Ion Ratio Lower Upper

98 100

100 62.8 50.1 75.1

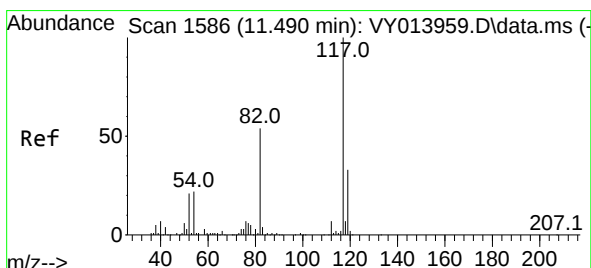
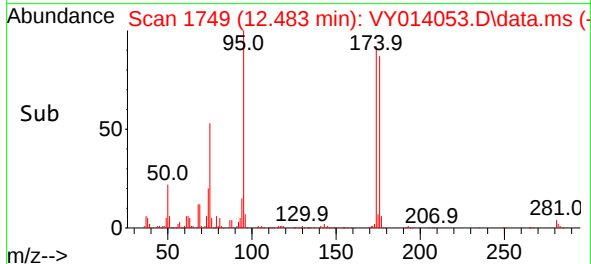
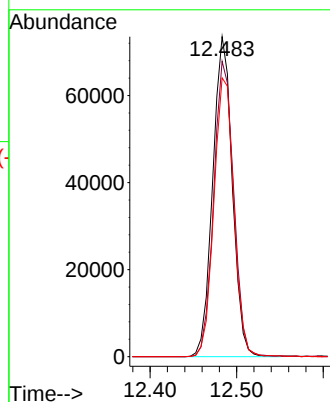
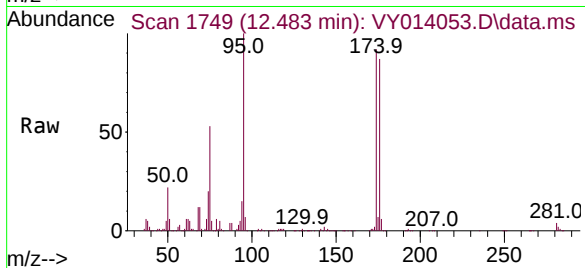




#62
4-Bromofluorobenzene
Concen: 50.555 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014053.D
Acq: 07 Jun 2023 12:35

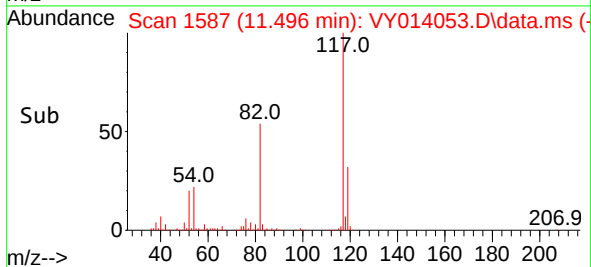
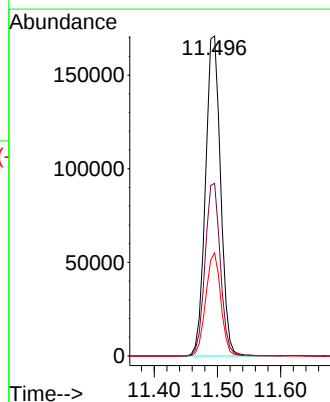
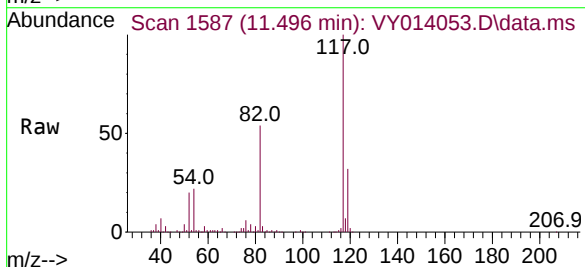
Instrument :
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ClientSampleId :
TP-7

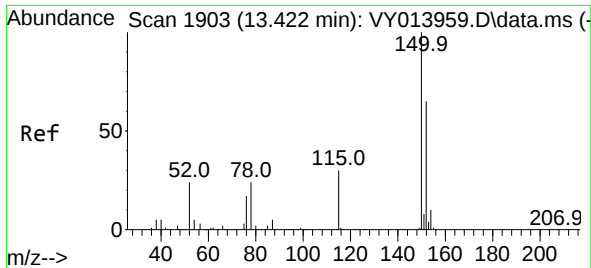
Tgt Ion: 95 Resp: 115491
Ion Ratio Lower Upper
95 100
174 93.8 0.0 178.2
176 89.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY014053.D
Acq: 07 Jun 2023 12:35

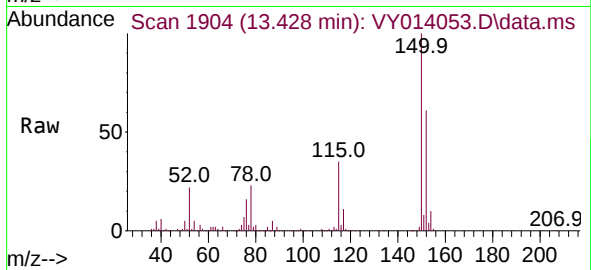
Tgt Ion: 117 Resp: 284896
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 32.2 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY014053.D
 Acq: 07 Jun 2023 12:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7



Tgt Ion:152 Resp: 127252
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.8 86.5
 150 157.5 0.0 348.8

