

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015463.D
 Acq On : 07 Sep 2023 12:43
 Operator : SY/MD
 Sample : 04321-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT4296

Quant Time: Sep 07 23:08:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

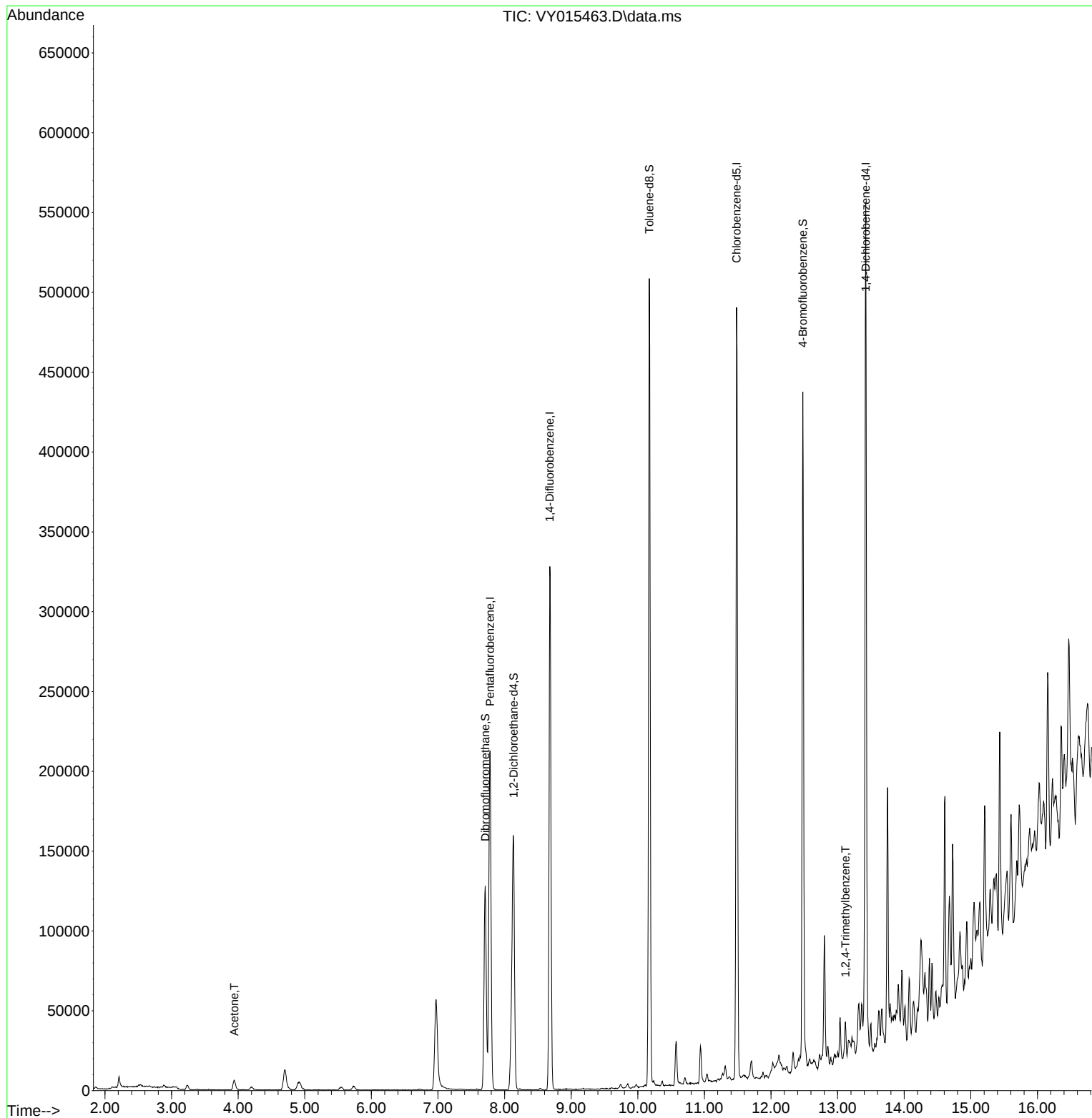
Internal Standards						
1) Pentafluorobenzene	7.783	168	168485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	280708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	261456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	129825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112345	62.202	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.400%
35) Dibromofluoromethane	7.710	113	89882	55.592	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.180%
50) Toluene-d8	10.173	98	331384	56.597	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.200%
62) 4-Bromofluorobenzene	12.477	95	121006	55.670	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.340%
Target Compounds						
16) Acetone	3.942	43	10914	14.477	ug/l	89
84) 1,2,4-Trimethylbenzene	13.117	105	12381	1.529	ug/l	94

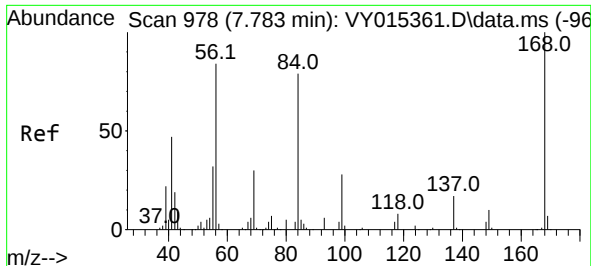
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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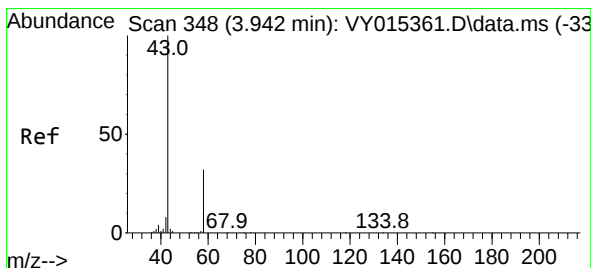
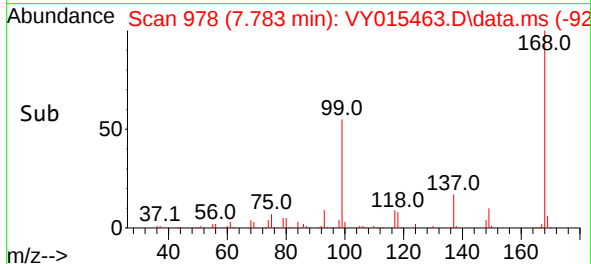
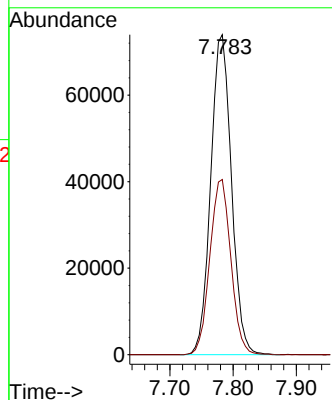
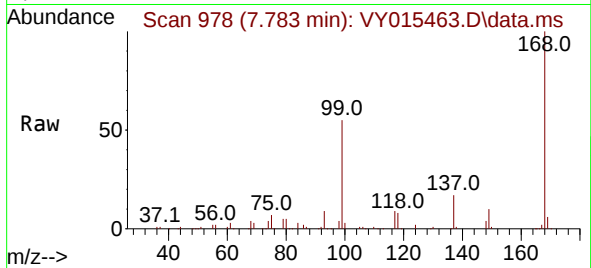




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015463.D
Acq: 07 Sep 2023 12:43

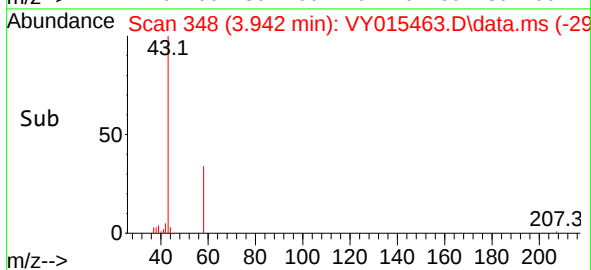
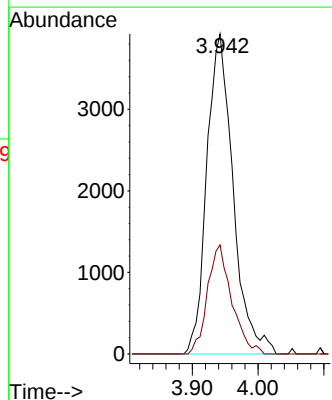
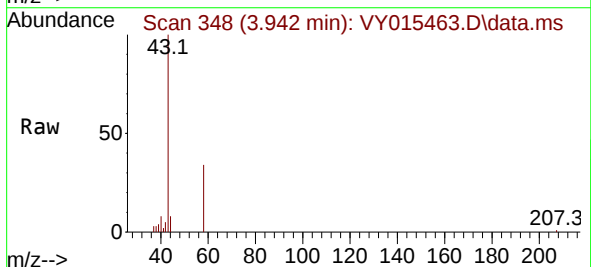
Instrument :
MSVOA_Y
ClientSampleId :
RT4296

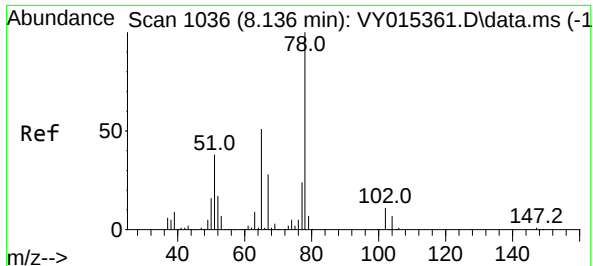
Tgt Ion:168 Resp: 168485
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#16
Acetone
Concen: 14.477 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015463.D
Acq: 07 Sep 2023 12:43

Tgt Ion: 43 Resp: 10914
Ion Ratio Lower Upper
43 100
58 34.1 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 62.202 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY015463.D

Acq: 07 Sep 2023 12:43

Instrument :

MSVOA_Y

ClientSampleId :

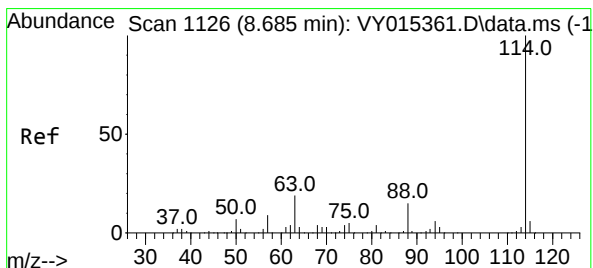
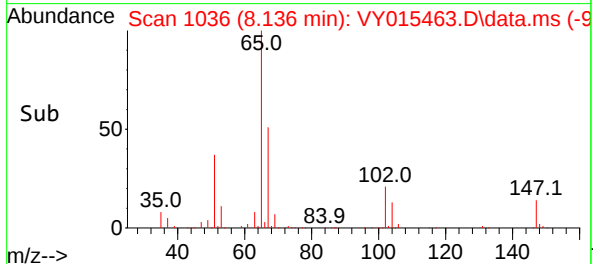
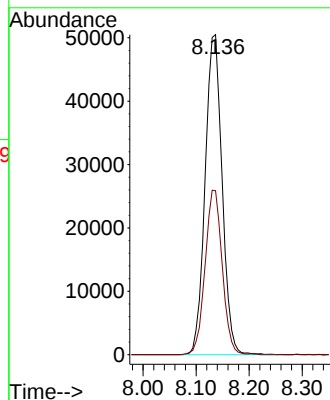
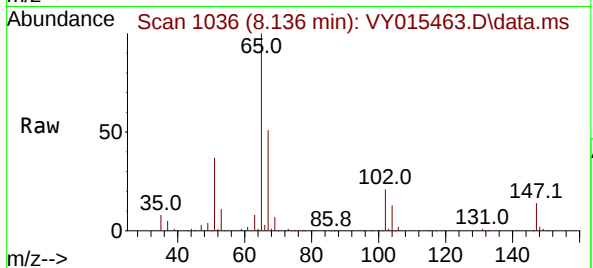
RT4296

Tgt Ion: 65 Resp: 112345

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY015463.D

Acq: 07 Sep 2023 12:43

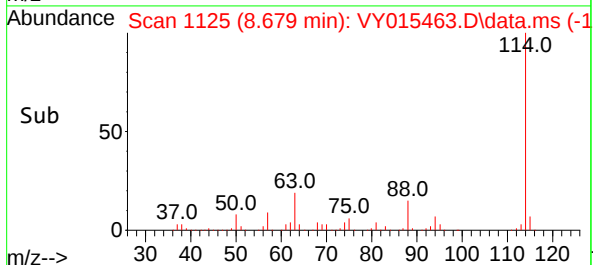
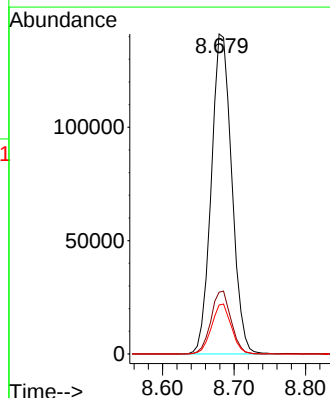
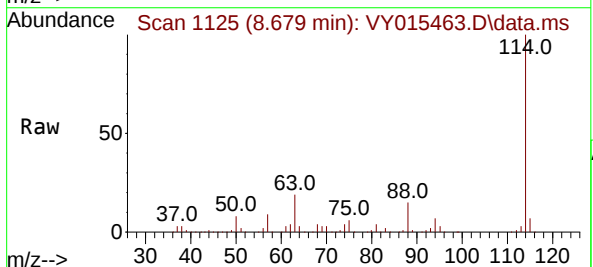
Tgt Ion: 114 Resp: 280708

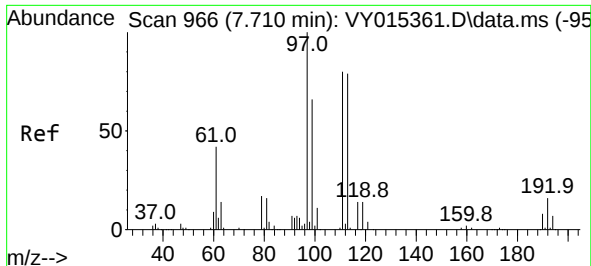
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.3 0.0 30.6

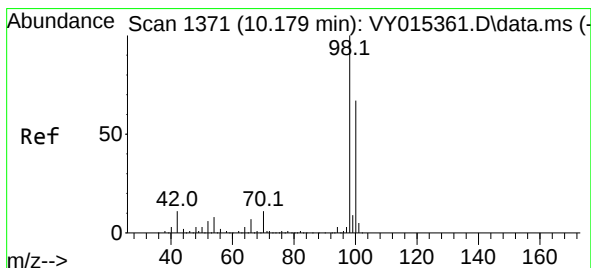
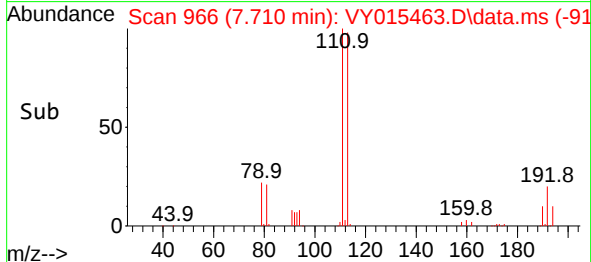
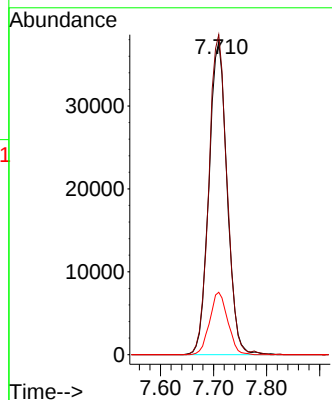
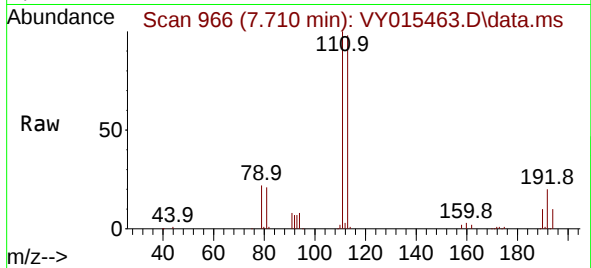




#35
Dibromofluoromethane
Concen: 55.592 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015463.D
Acq: 07 Sep 2023 12:43

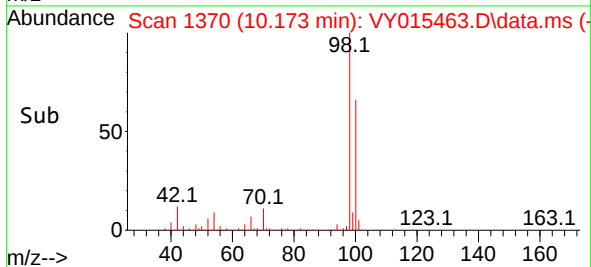
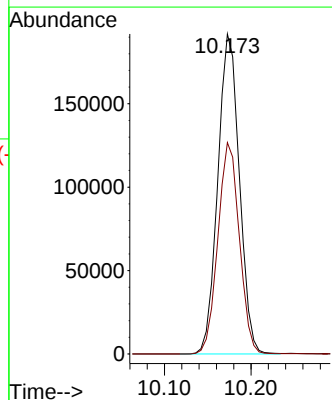
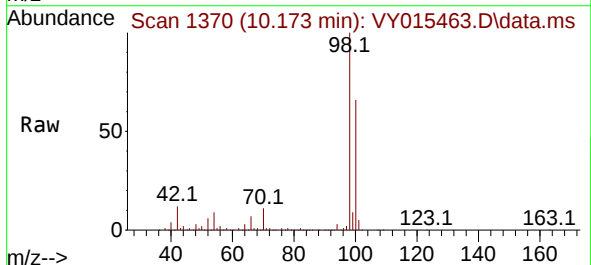
Instrument :
MSVOA_Y
ClientSampleId :
RT4296

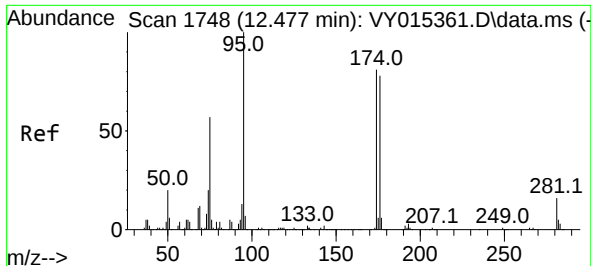
Tgt Ion:113 Resp: 89882
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 19.8 16.9 25.3



#50
Toluene-d8
Concen: 56.597 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015463.D
Acq: 07 Sep 2023 12:43

Tgt Ion: 98 Resp: 331384
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 55.670 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015463.D

Acq: 07 Sep 2023 12:43

Instrument :

MSVOA_Y

ClientSampleId :

RT4296

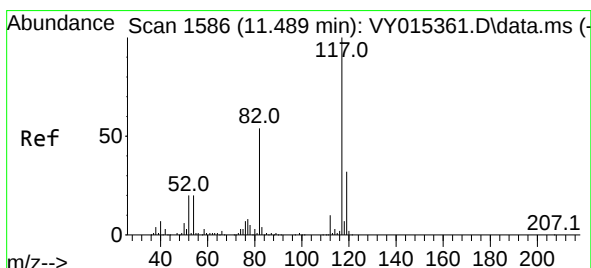
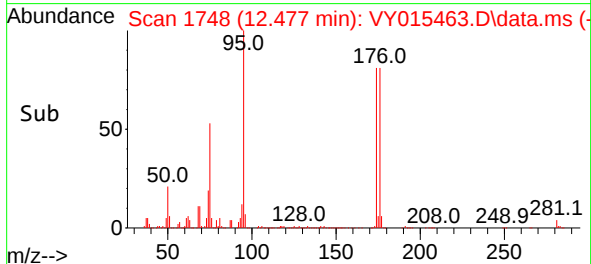
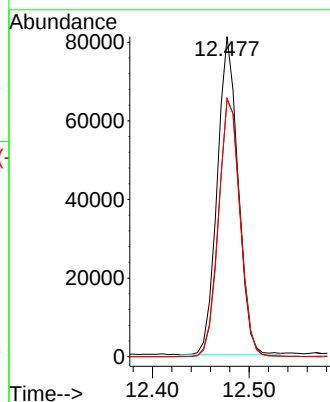
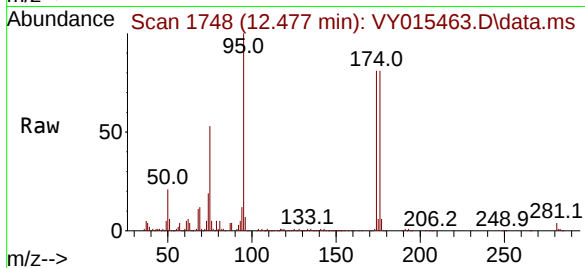
Tgt Ion: 95 Resp: 121006

Ion Ratio Lower Upper

95 100

174 84.7 0.0 178.2

176 83.2 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 1585

Delta R.T. -0.006 min

Lab File: VY015463.D

Acq: 07 Sep 2023 12:43

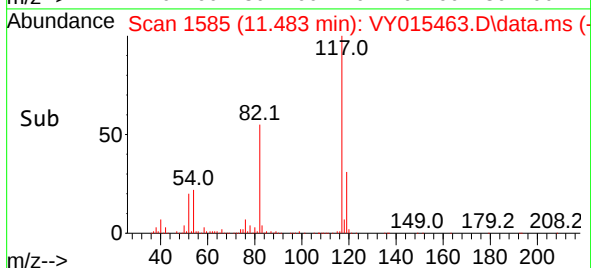
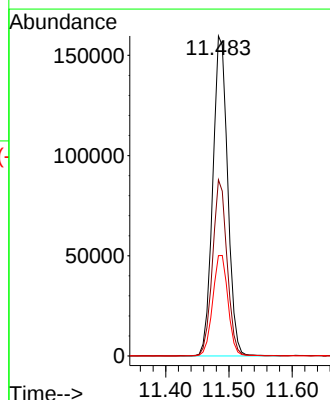
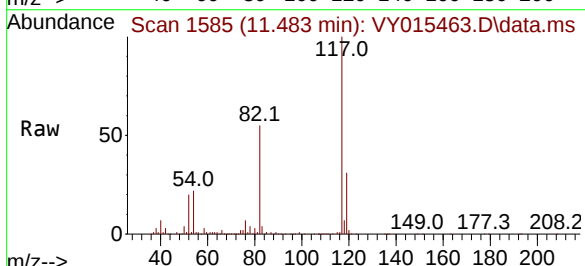
Tgt Ion: 117 Resp: 261456

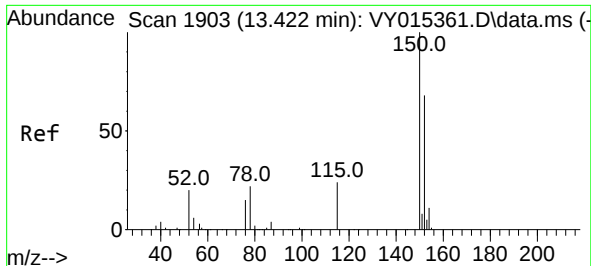
Ion Ratio Lower Upper

117 100

82 54.9 43.4 65.0

119 31.4 26.3 39.5

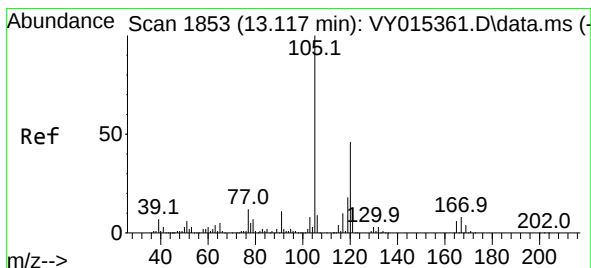
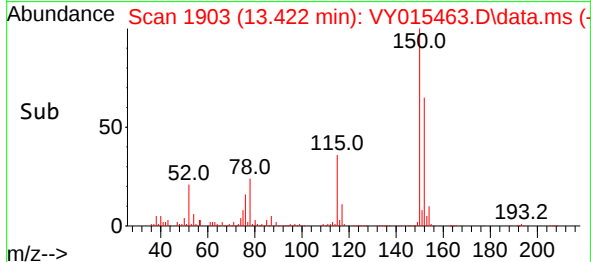
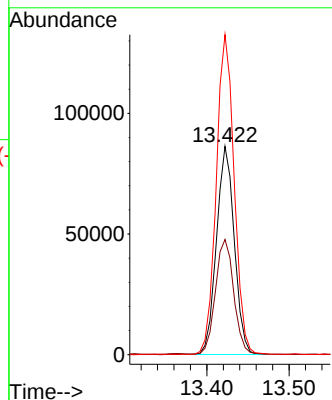
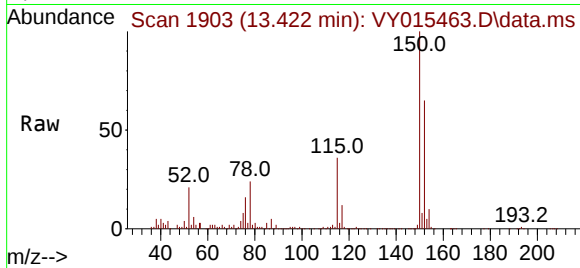




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015463.D
 Acq: 07 Sep 2023 12:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT4296

Tgt Ion:152 Resp: 129825
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.8 86.5
 150 154.6 0.0 348.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.529 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY015463.D
 Acq: 07 Sep 2023 12:43

Tgt Ion:105 Resp: 12381
 Ion Ratio Lower Upper
 105 100
 120 48.5 22.2 66.6

