

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015623.D
 Acq On : 18 Sep 2023 18:33
 Operator : SY/MD
 Sample : 04445-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-09142023

Quant Time: Sep 19 02:06:08 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)

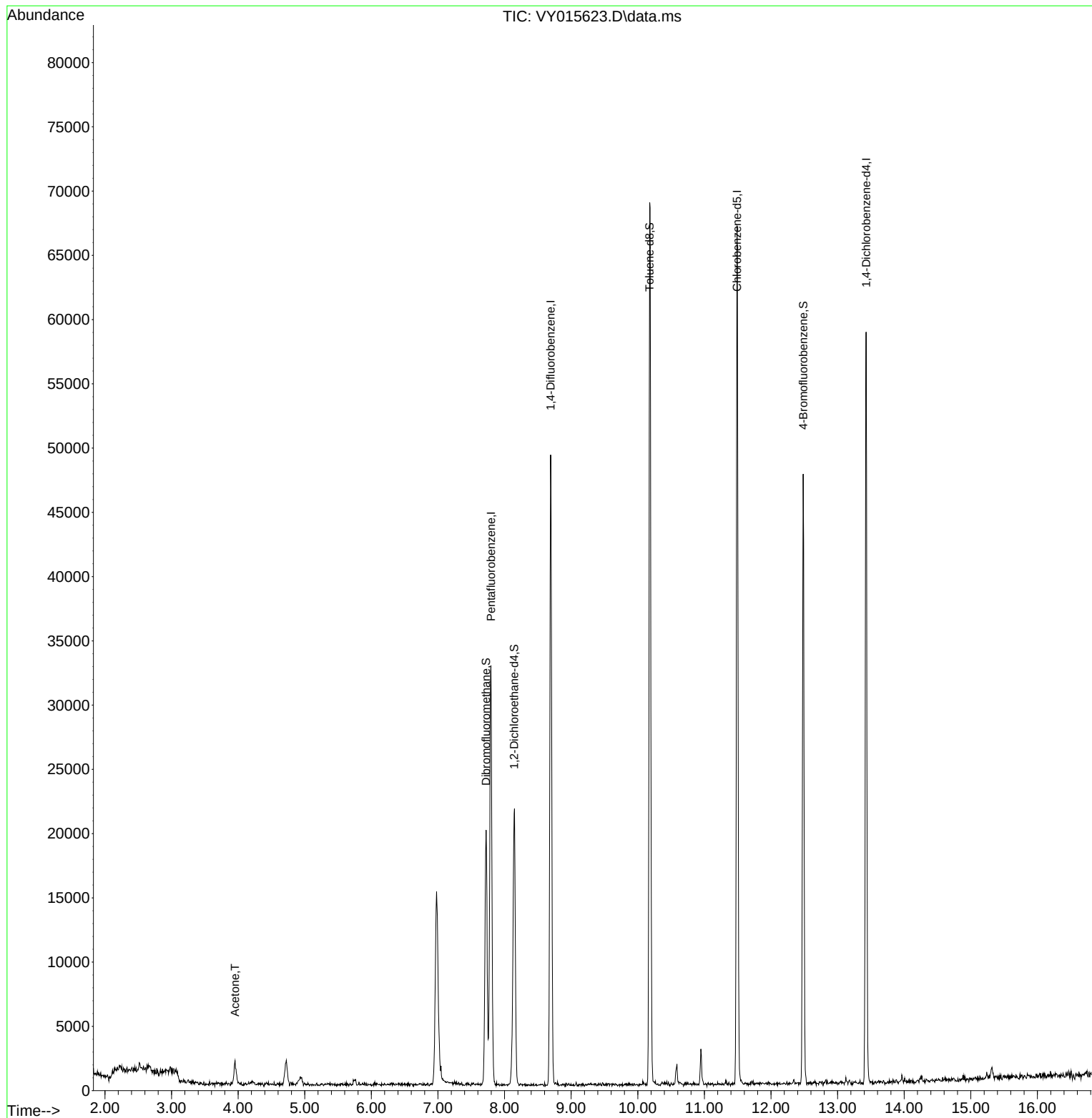
Internal Standards						
1) Pentafluorobenzene	7.795	168	25640	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	41896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	37005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	15649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	16200	58.940	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.880%
35) Dibromofluoromethane	7.722	113	13901	57.606	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.220%
50) Toluene-d8	10.179	98	47353	54.187	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.380%
62) 4-Bromofluorobenzene	12.483	95	14793	45.599	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.200%
Target Compounds						
16) Acetone	3.954	43	2906	25.330	ug/l	Qvalue # 76

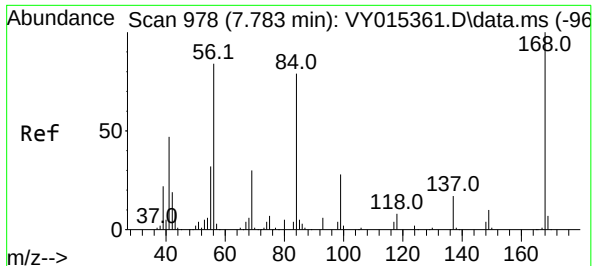
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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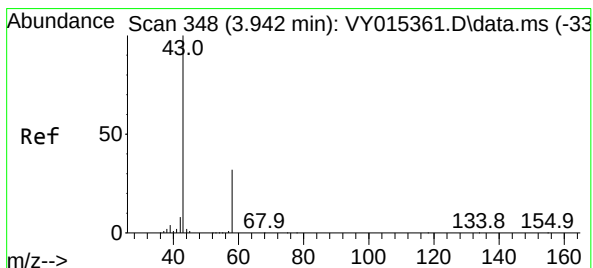
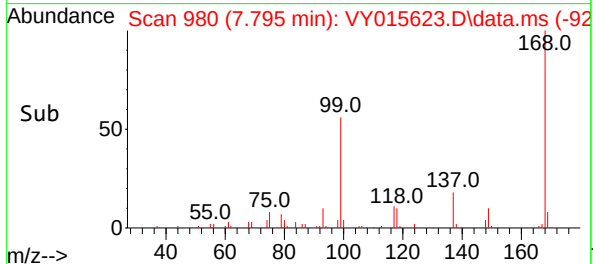
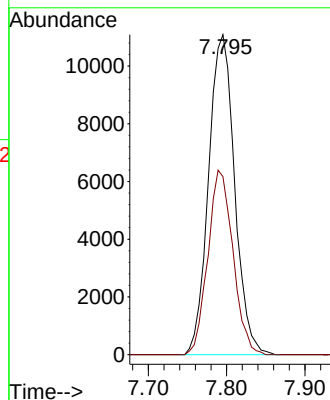
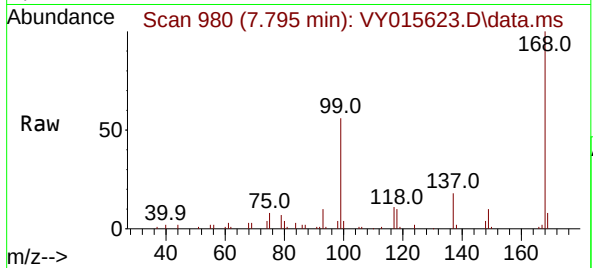




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015623.D
Acq: 18 Sep 2023 18:33

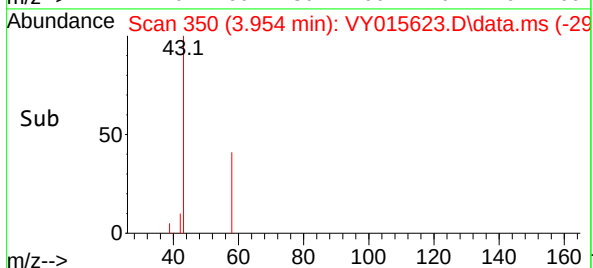
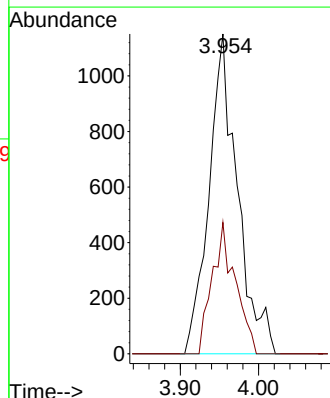
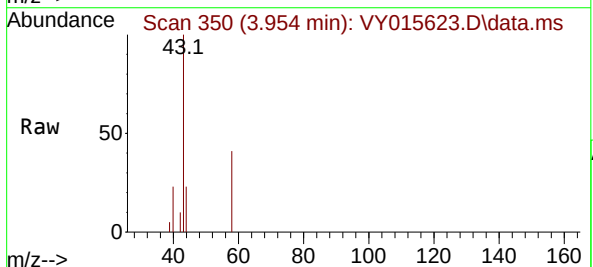
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-09142023

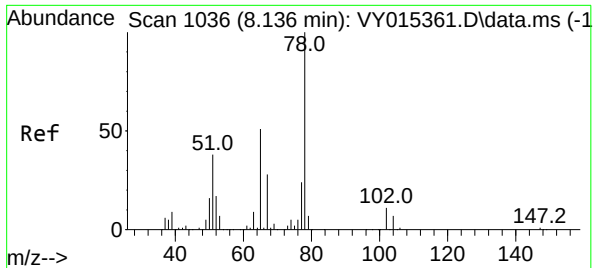
Tgt Ion:168 Resp: 25640
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#16
Acetone
Concen: 25.330 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015623.D
Acq: 18 Sep 2023 18:33

Tgt Ion: 43 Resp: 2906
Ion Ratio Lower Upper
43 100
58 41.1 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 58.940 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY015623.D

Acq: 18 Sep 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

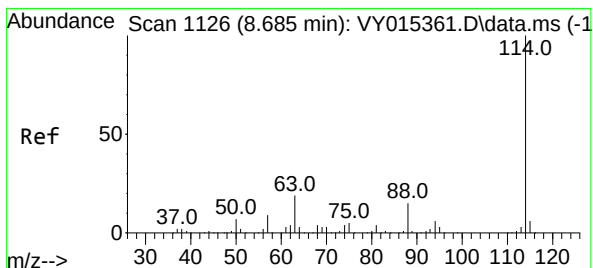
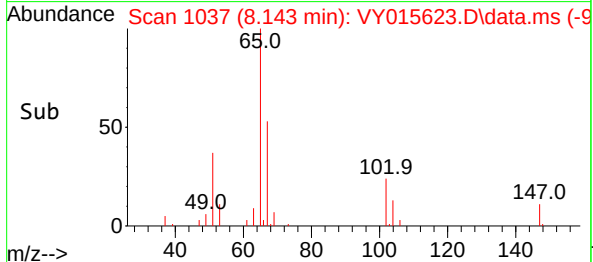
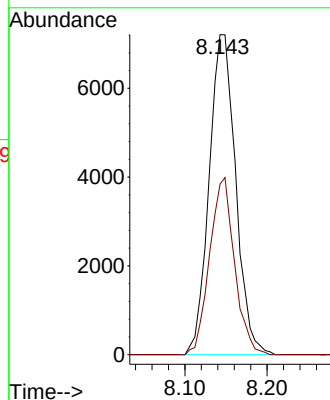
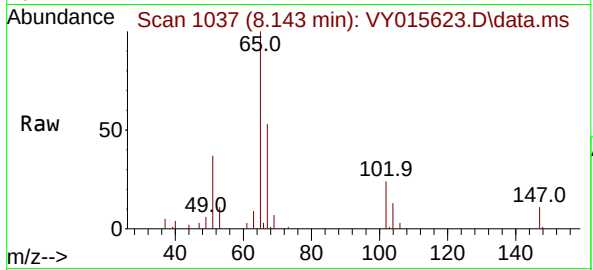
TR-05-09142023

Tgt Ion: 65 Resp: 16200

Ion Ratio Lower Upper

65 100

67 51.8 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: VY015623.D

Acq: 18 Sep 2023 18:33

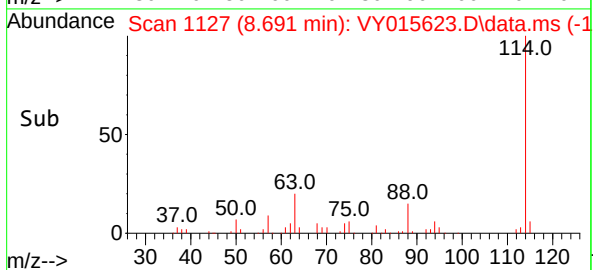
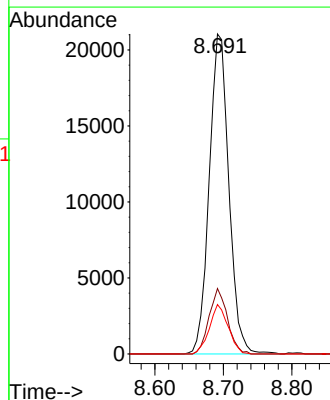
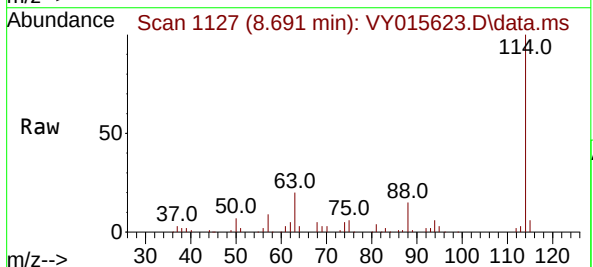
Tgt Ion: 114 Resp: 41896

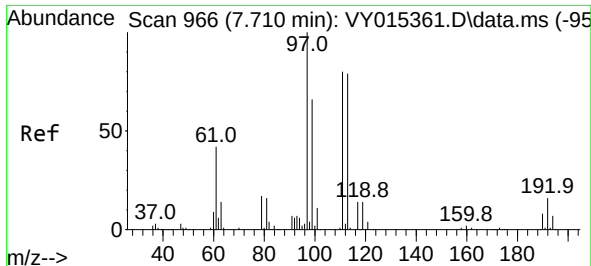
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

88 15.5 0.0 30.6

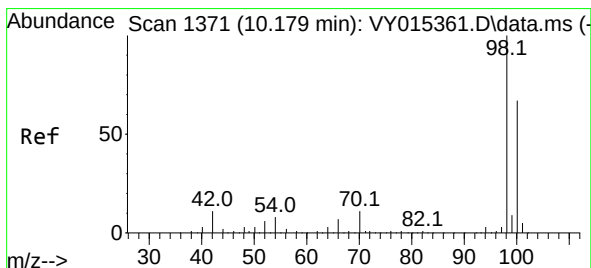
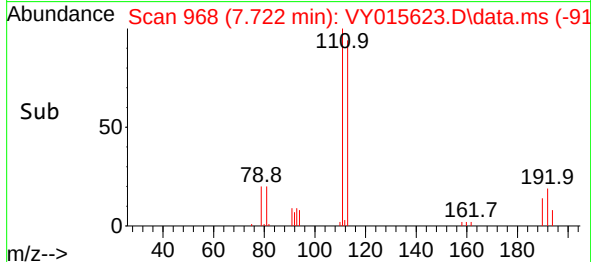
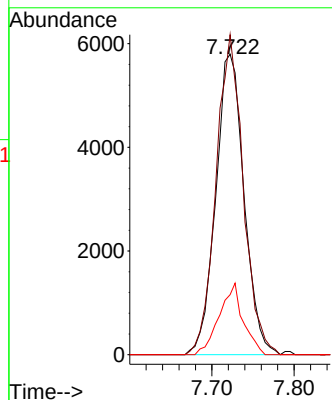
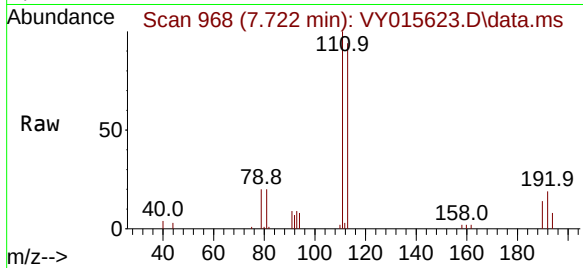




#35
Dibromofluoromethane
Concen: 57.606 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015623.D
Acq: 18 Sep 2023 18:33

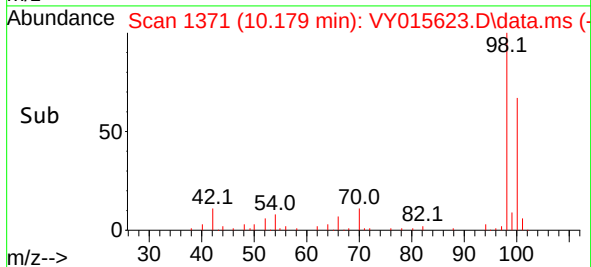
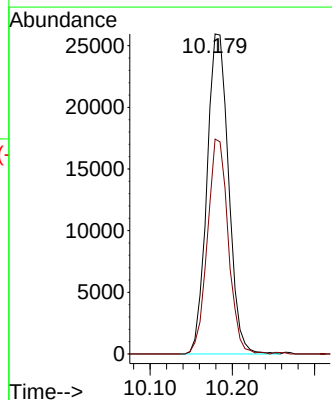
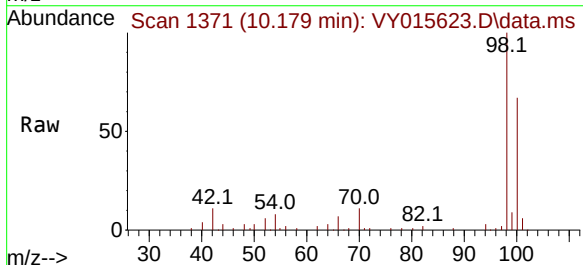
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-09142023

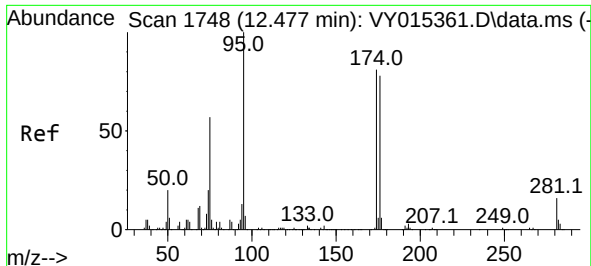
Tgt Ion:113 Resp: 13901
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 20.0 16.9 25.3



#50
Toluene-d8
Concen: 54.187 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015623.D
Acq: 18 Sep 2023 18:33

Tgt Ion: 98 Resp: 47353
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1

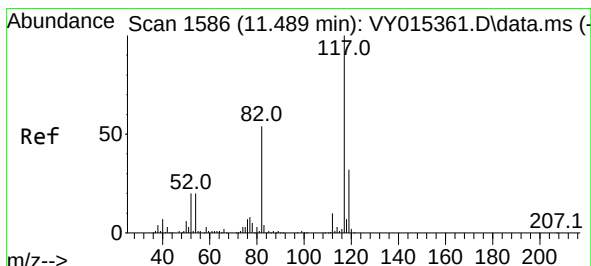
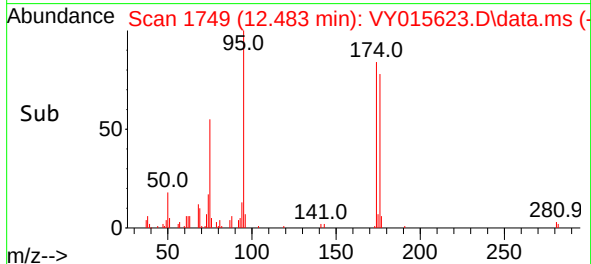
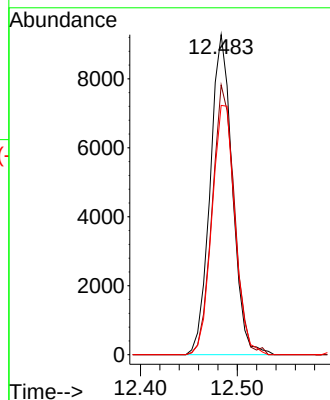
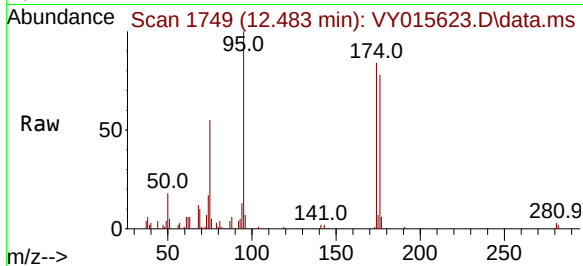




#62
4-Bromofluorobenzene
Concen: 45.599 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015623.D
Acq: 18 Sep 2023 18:33

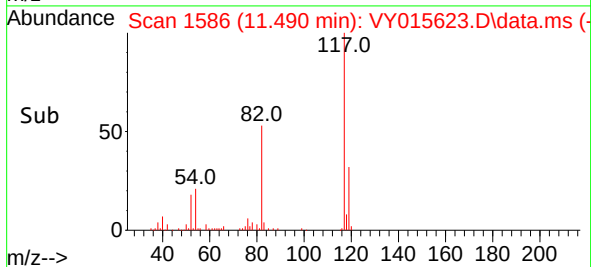
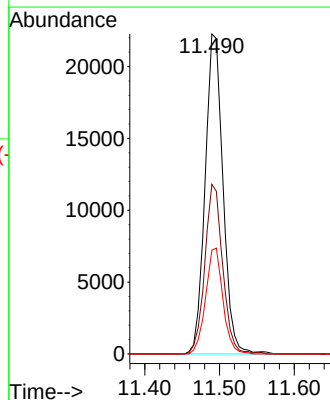
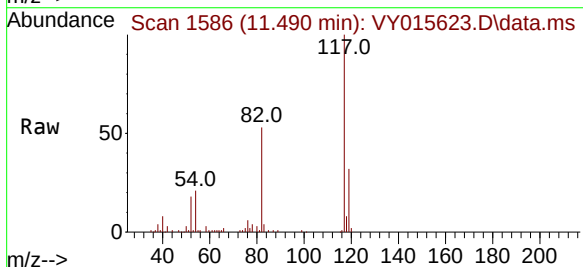
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-09142023

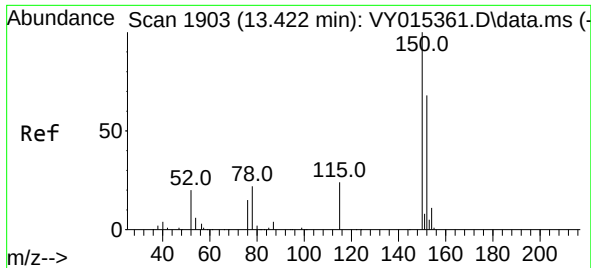
Tgt Ion: 95 Resp: 14793
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 81.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015623.D
Acq: 18 Sep 2023 18:33

Tgt Ion: 117 Resp: 37005
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 32.5 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: VY015623.D

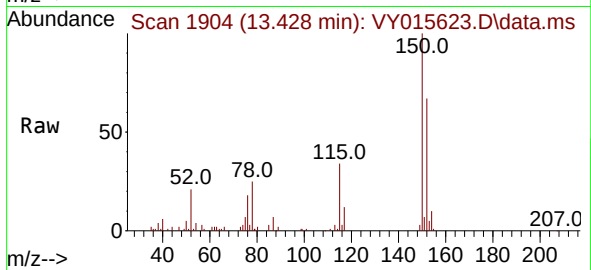
Acq: 18 Sep 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-09142023



Tgt Ion:152 Resp: 15649

Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 155.7 0.0 348.8

