

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013634.D
 Acq On : 05 May 2023 18:39
 Operator : KP/MD
 Sample : 02588-09
 Misc : 4.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ZONE-A-6-9-05022023

Quant Time: May 08 00:25:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

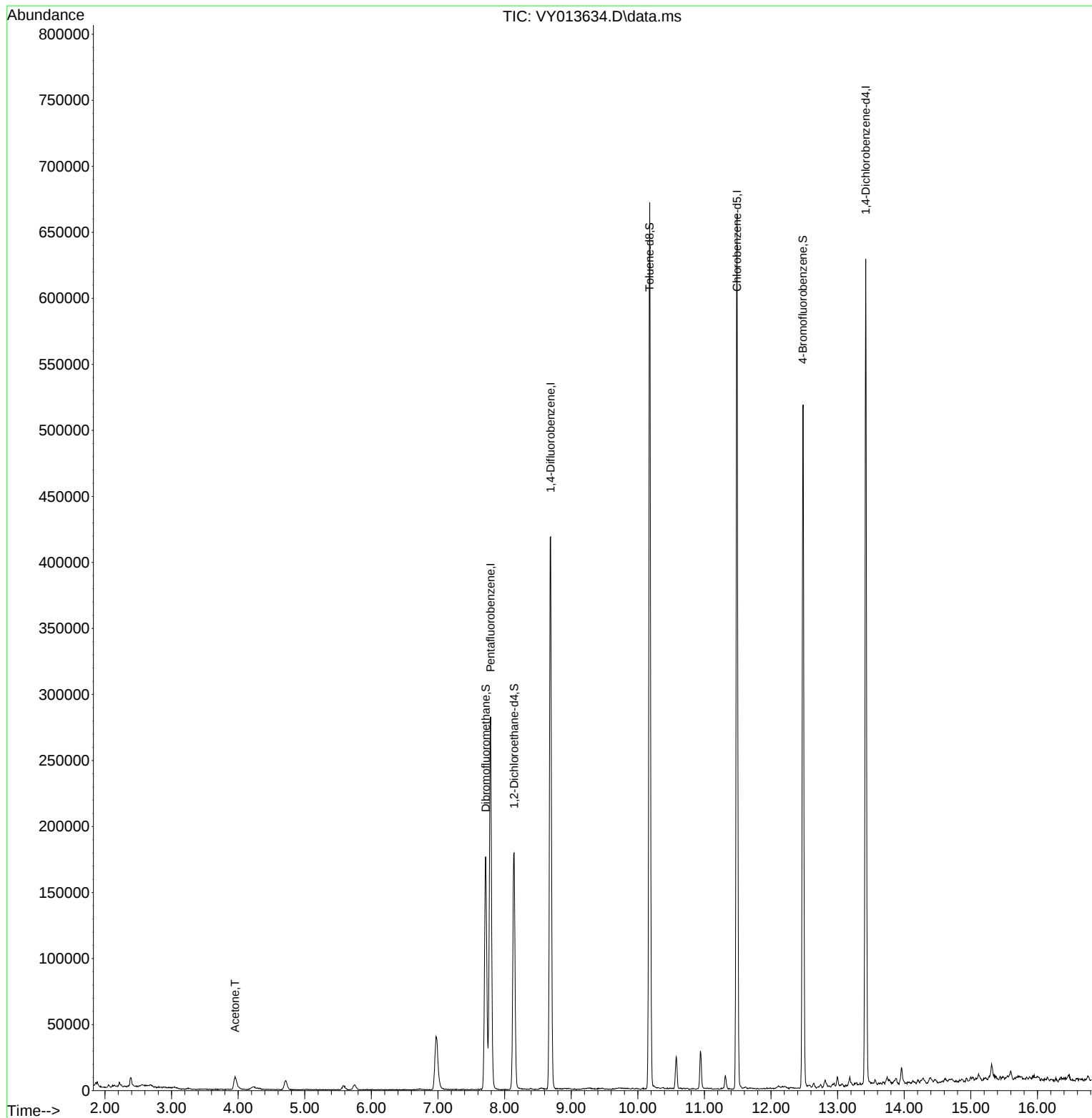
Internal Standards						
1) Pentafluorobenzene	7.789	168	215307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	359064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	349369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	149855	63.491	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.980%	
35) Dibromofluoromethane	7.716	113	119532	52.929	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.860%	
50) Toluene-d8	10.179	98	434267	54.055	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.100%	
62) 4-Bromofluorobenzene	12.477	95	146702	54.165	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.340%	
Target Compounds						
16) Acetone	3.954	43	20212	21.745	ug/l	Qvalue 90

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

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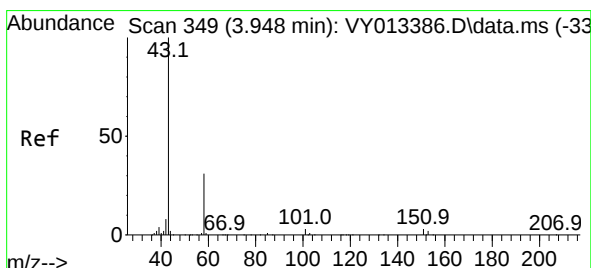
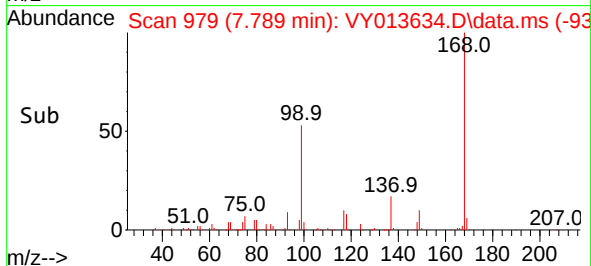
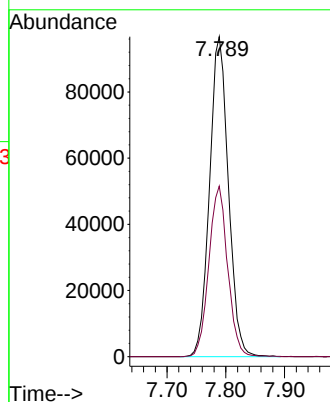
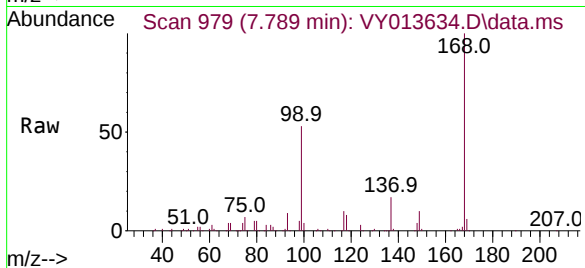




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013634.D
Acq: 05 May 2023 18:39

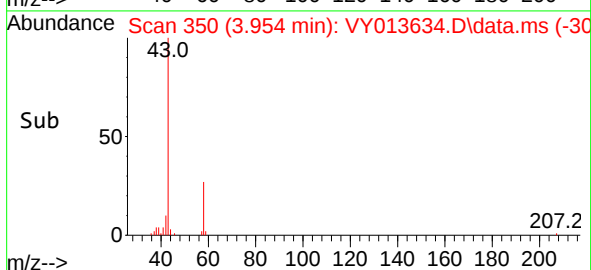
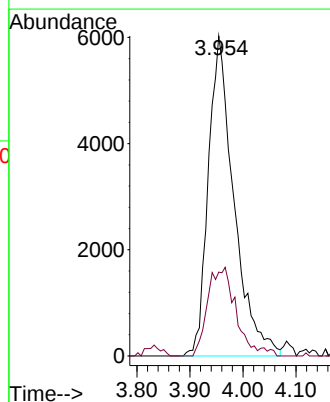
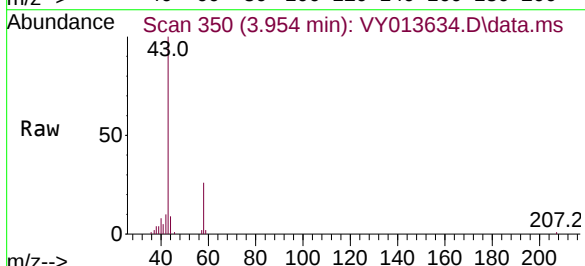
Instrument :
MSVOA_Y
ClientSampleId :
ZONE-A-6-9-05022023

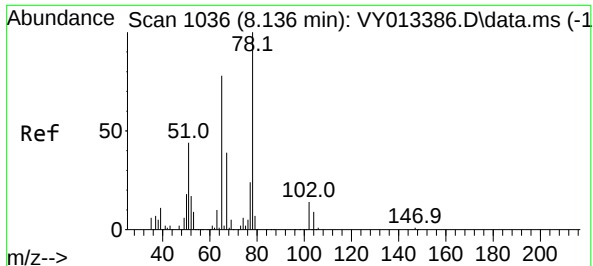
Tgt Ion:168 Resp: 215307
Ion Ratio Lower Upper
168 100
99 53.3 41.8 62.6



#16
Acetone
Concen: 21.745 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013634.D
Acq: 05 May 2023 18:39

Tgt Ion: 43 Resp: 20212
Ion Ratio Lower Upper
43 100
58 26.2 25.4 38.0





#33

1,2-Dichloroethane-d4

Concen: 63.491 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY013634.D

Acq: 05 May 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

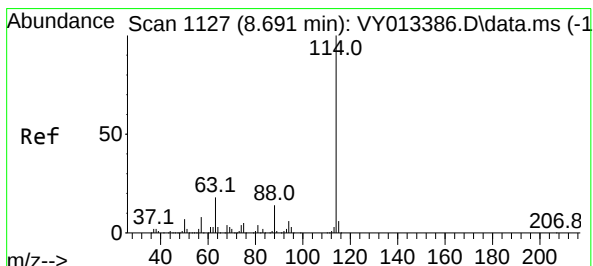
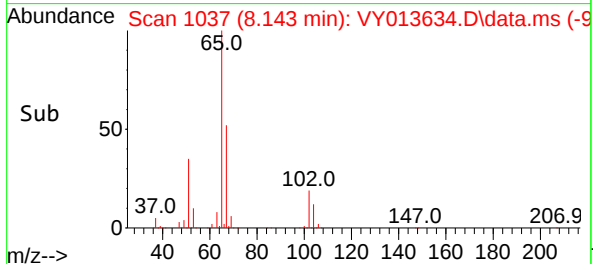
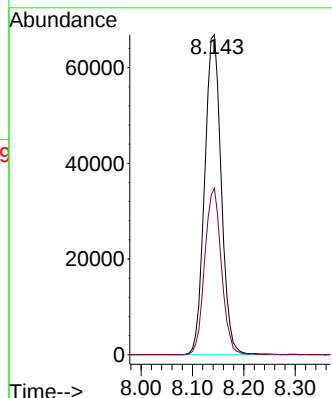
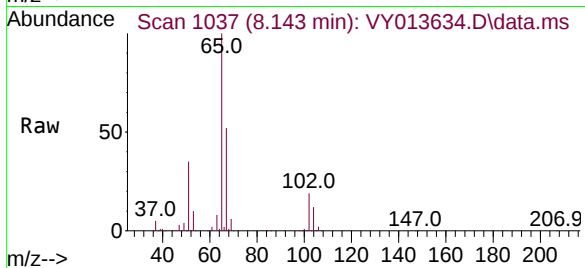
ZONE-A-6-9-05022023

Tgt Ion: 65 Resp: 149855

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013634.D

Acq: 05 May 2023 18:39

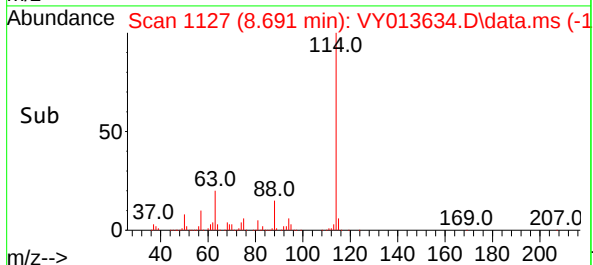
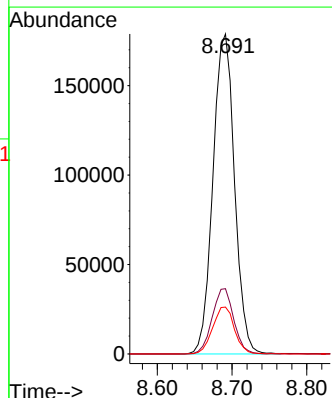
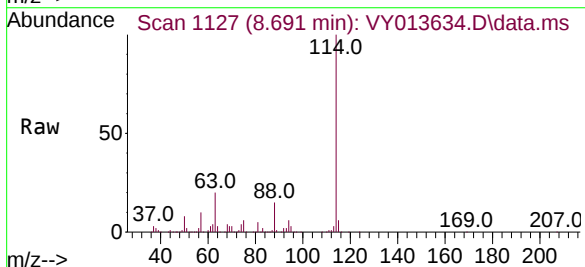
Tgt Ion: 114 Resp: 359064

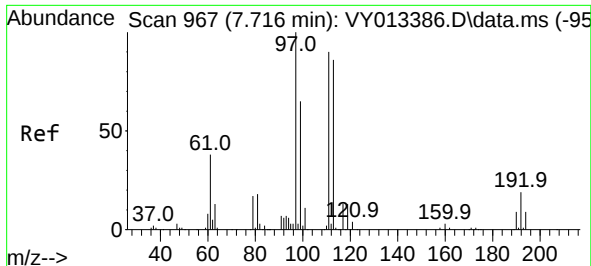
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.6

88 14.7 0.0 28.8

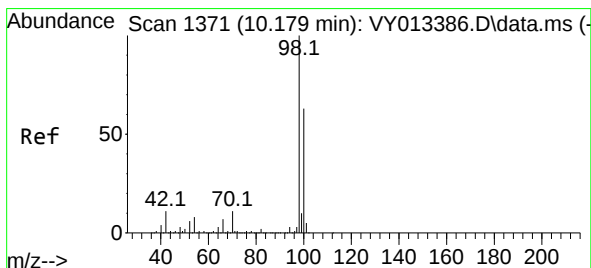
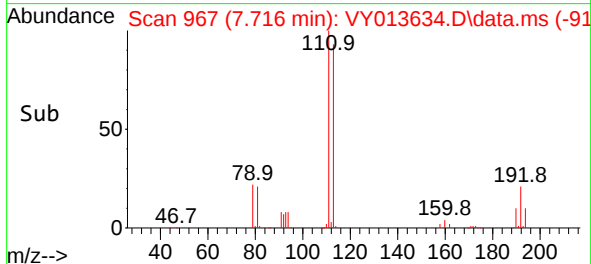
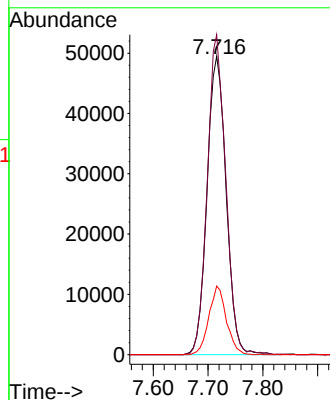
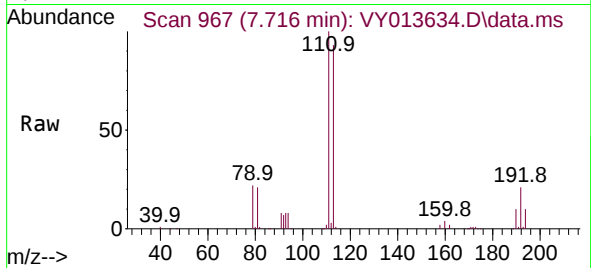




#35
Dibromofluoromethane
Concen: 52.929 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013634.D
Acq: 05 May 2023 18:39

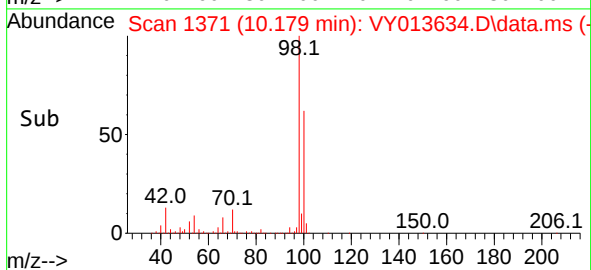
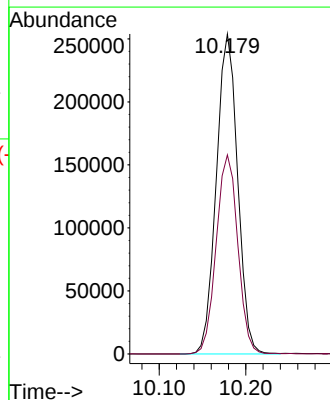
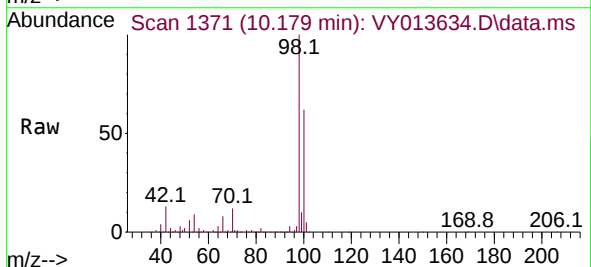
Instrument :
MSVOA_Y
ClientSampleId :
ZONE-A-6-9-05022023

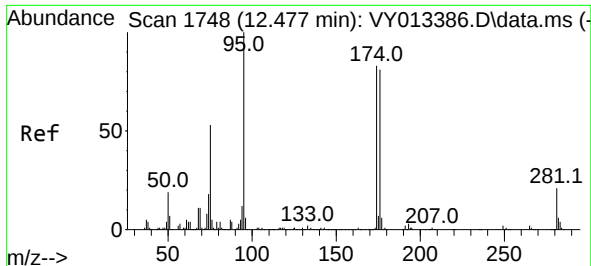
Tgt Ion:113 Resp: 119532
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 21.1 16.7 25.1



#50
Toluene-d8
Concen: 54.055 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013634.D
Acq: 05 May 2023 18:39

Tgt Ion: 98 Resp: 434267
Ion Ratio Lower Upper
98 100
100 63.1 50.5 75.7

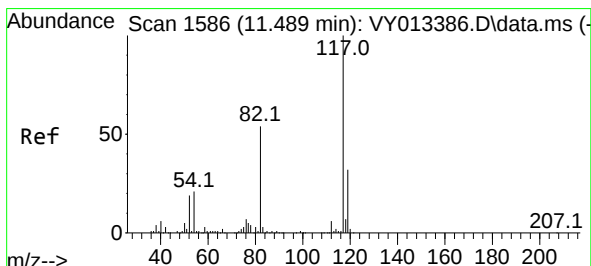
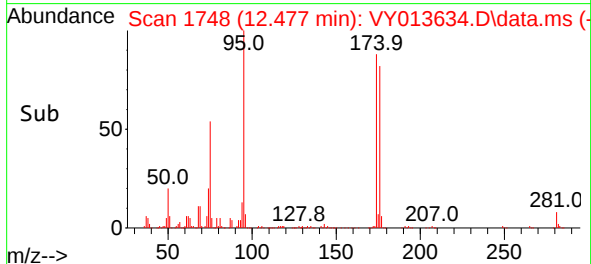
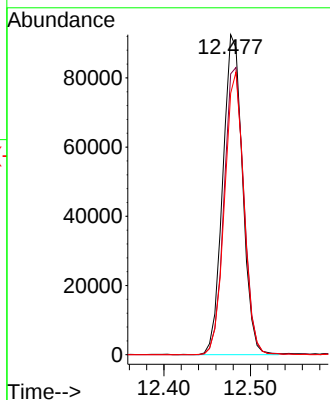
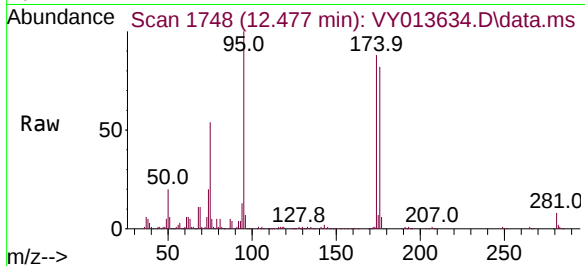




#62
4-Bromofluorobenzene
Concen: 54.165 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013634.D
Acq: 05 May 2023 18:39

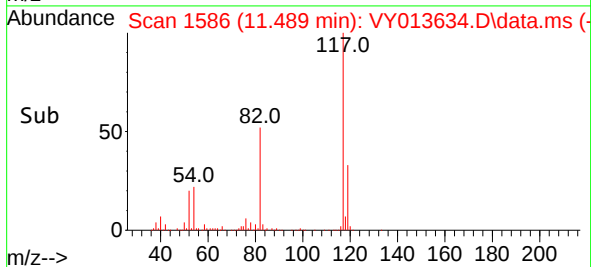
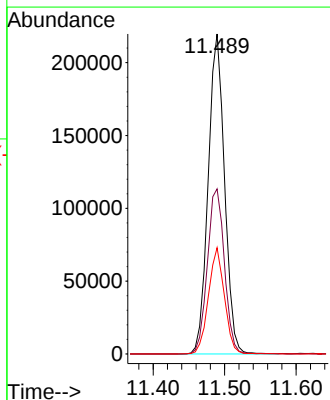
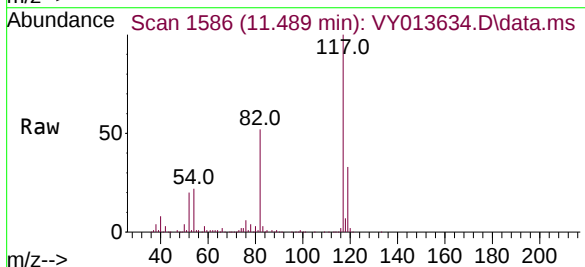
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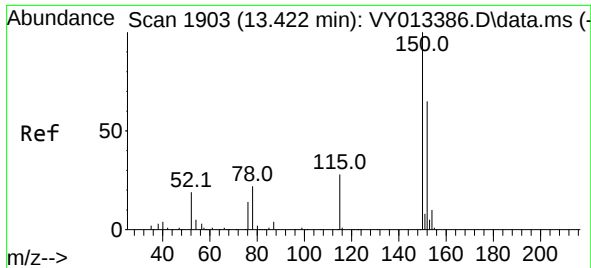
Tgt Ion: 95 Resp: 146702
Ion Ratio Lower Upper
95 100
174 90.0 0.0 182.0
176 86.5 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013634.D
Acq: 05 May 2023 18:39

Tgt Ion: 117 Resp: 349369
Ion Ratio Lower Upper
117 100
82 51.6 43.0 64.6
119 33.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013634.D

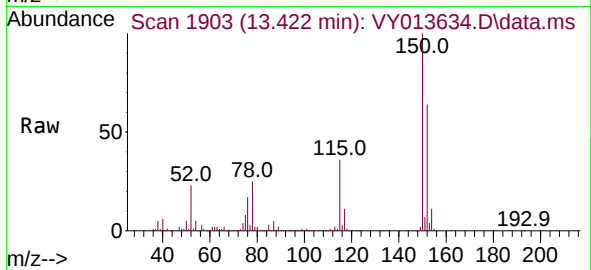
Acq: 05 May 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

ZONE-A-6-9-05022023



Tgt Ion:152 Resp: 157041

Ion Ratio Lower Upper

152 100

115 56.3 28.1 84.2

150 157.5 0.0 352.0

