

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050423\
 Data File : VY013607.D
 Acq On : 04 May 2023 18:00
 Operator : KP/MD
 Sample : 02588-08
 Misc : 4.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ZONE-A-3-6-05022023

Quant Time: May 05 01:00:58 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)

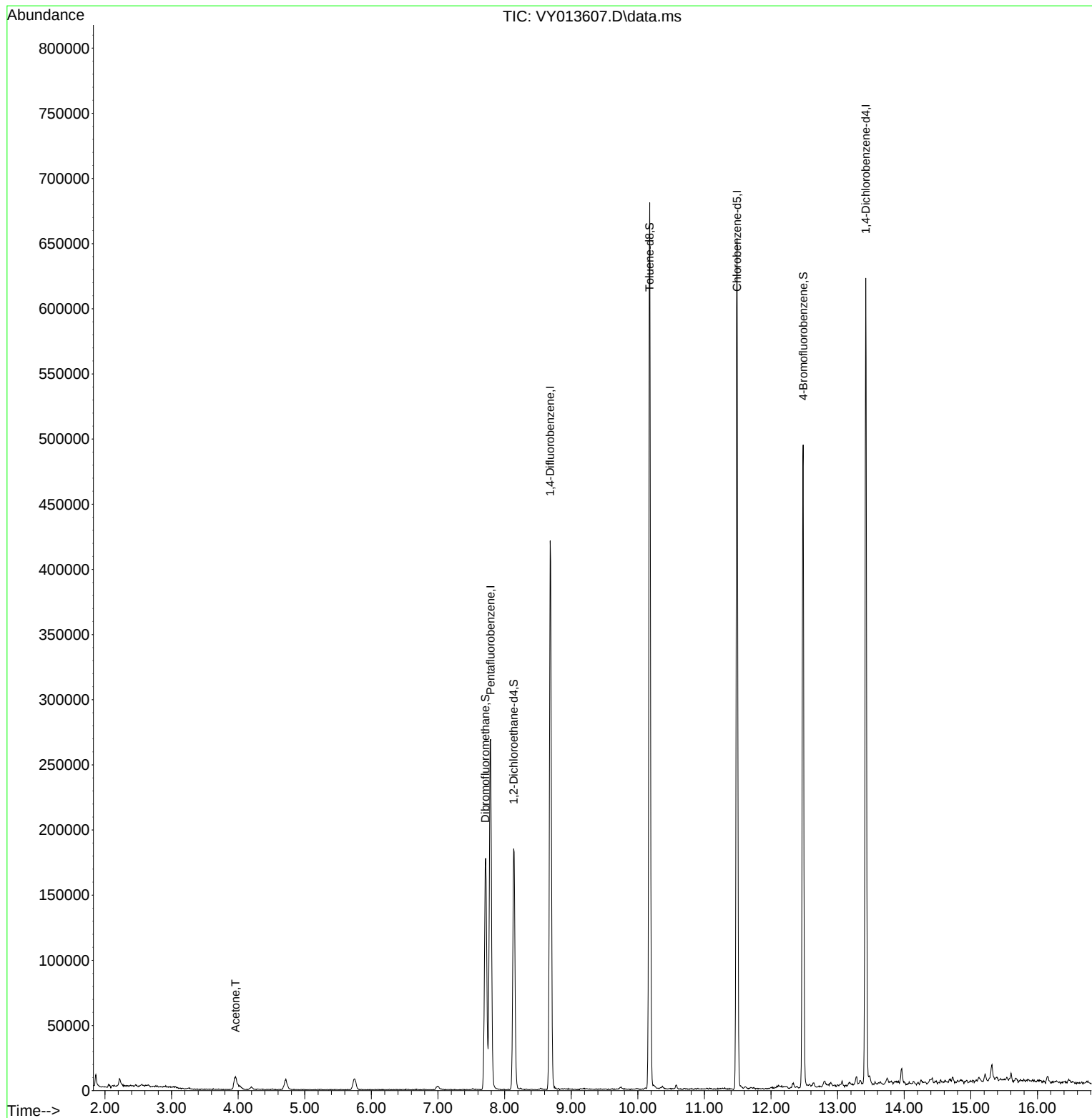
Internal Standards						
1) Pentafluorobenzene	7.789	168	211604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	355305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	347600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	154650	66.670	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.340%	
35) Dibromofluoromethane	7.710	113	122330	54.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.480%	
50) Toluene-d8	10.179	98	437764	55.066	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.140%	
62) 4-Bromofluorobenzene	12.483	95	141203	52.686	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.380%	
Target Compounds						
16) Acetone	3.960	43	22420	24.543	ug/l	Qvalue 98

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

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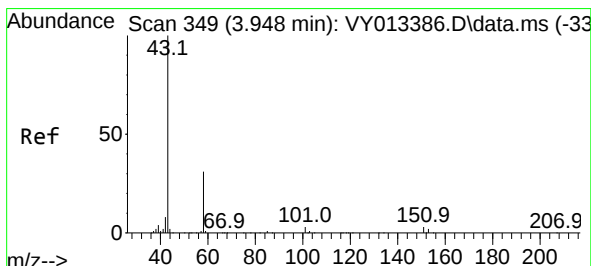
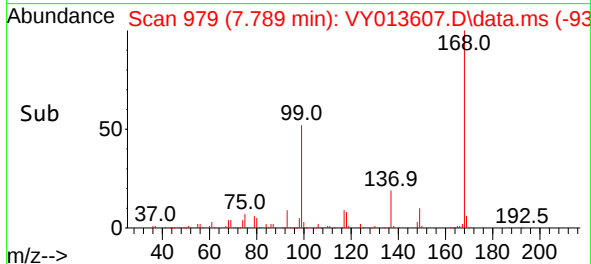
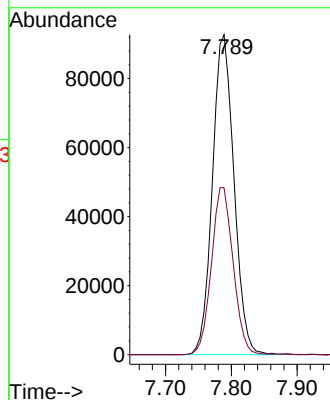
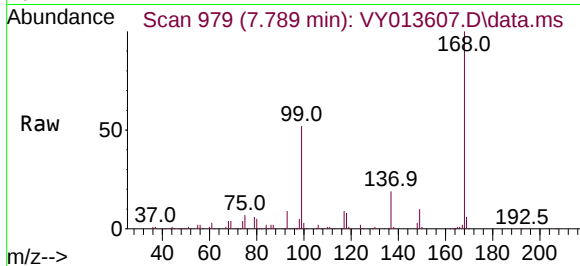




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013607.D
Acq: 04 May 2023 18:00

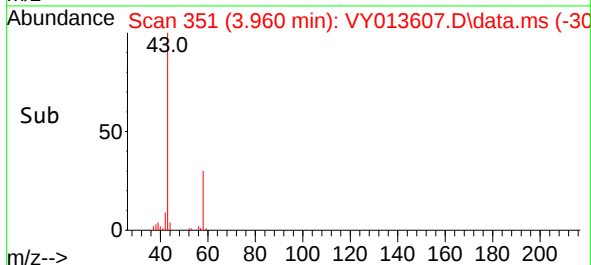
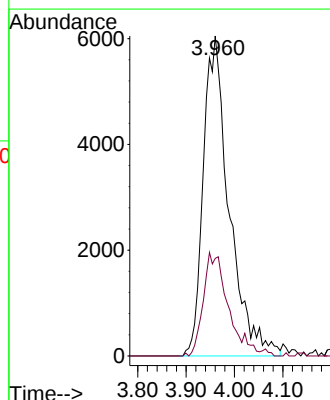
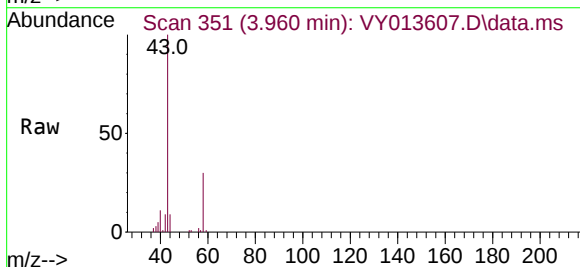
Instrument :
MSVOA_Y
ClientSampleId :
ZONE-A-3-6-05022023

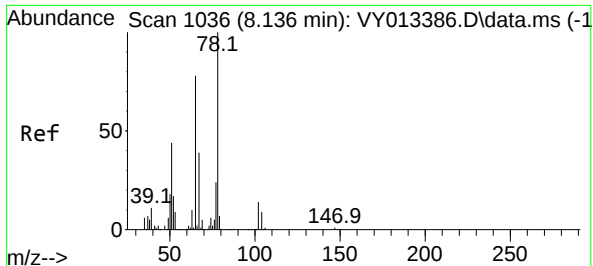
Tgt Ion:168 Resp: 211604
Ion Ratio Lower Upper
168 100
99 52.2 41.8 62.6



#16
Acetone
Concen: 24.543 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013607.D
Acq: 04 May 2023 18:00

Tgt Ion: 43 Resp: 22420
Ion Ratio Lower Upper
43 100
58 30.5 25.4 38.0





#33

1,2-Dichloroethane-d4

Concen: 66.670 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013607.D

Acq: 04 May 2023 18:00

Instrument :

MSVOA_Y

ClientSampleId :

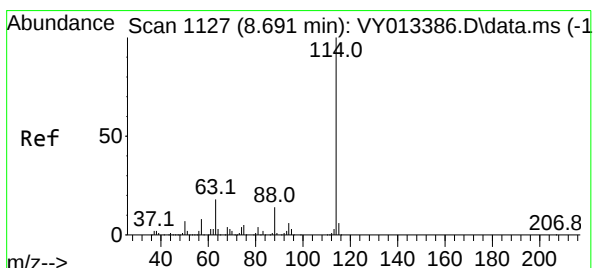
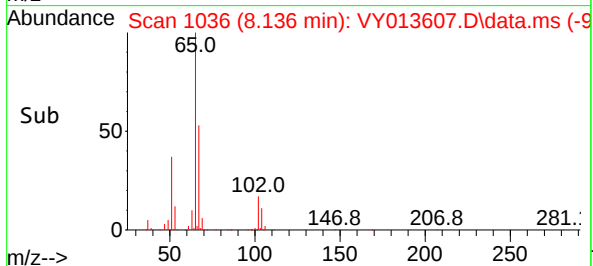
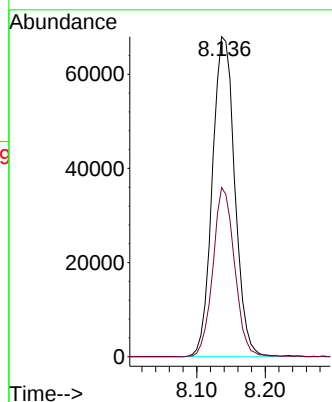
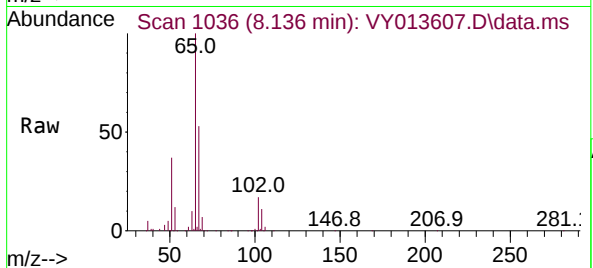
ZONE-A-3-6-05022023

Tgt Ion: 65 Resp: 154650

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013607.D

Acq: 04 May 2023 18:00

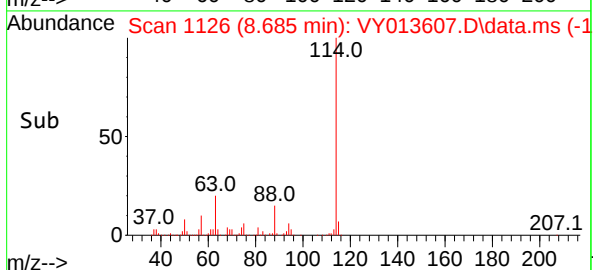
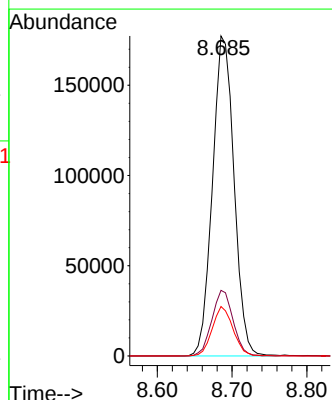
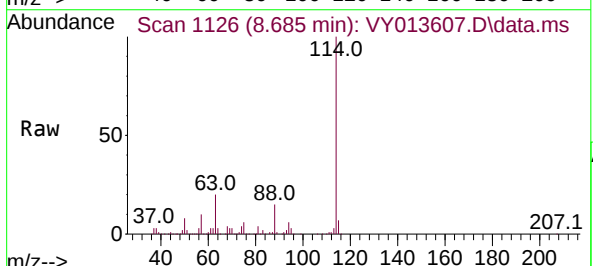
Tgt Ion: 114 Resp: 355305

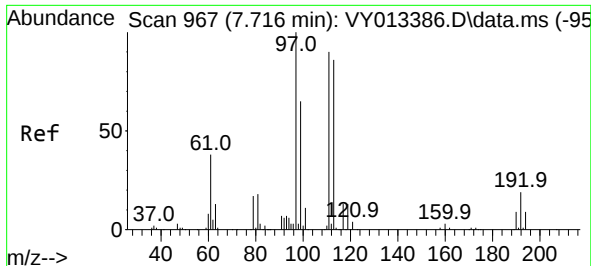
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.6

88 15.5 0.0 28.8

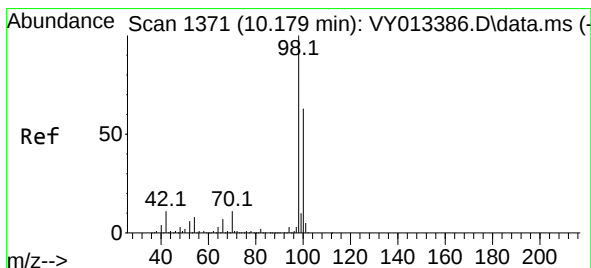
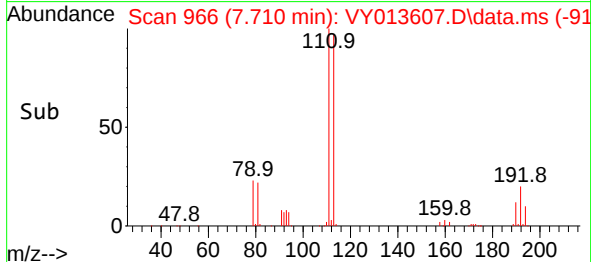
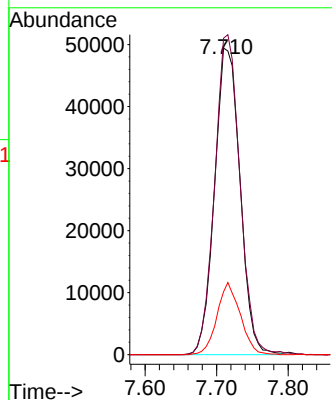
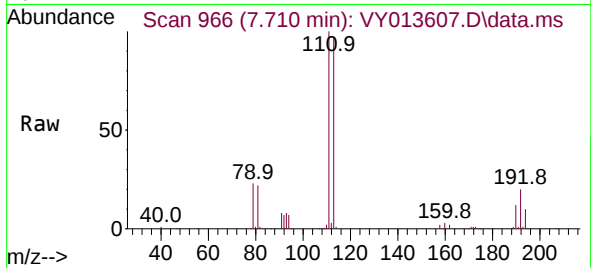




#35
Dibromofluoromethane
Concen: 54.741 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013607.D
Acq: 04 May 2023 18:00

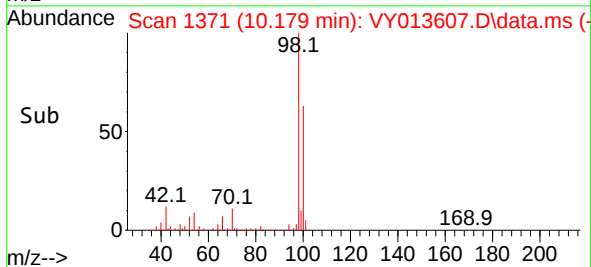
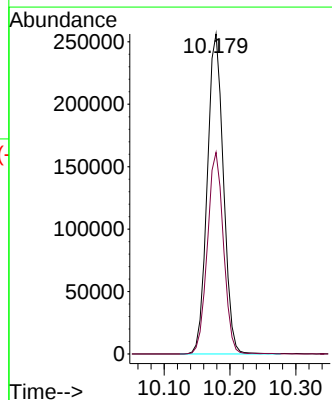
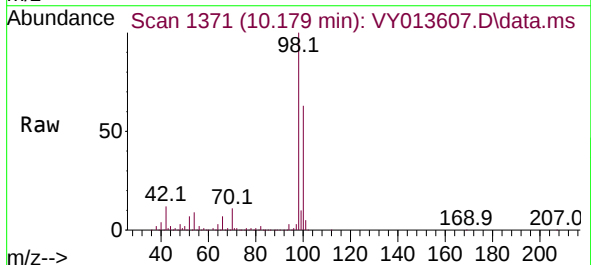
Instrument :
MSVOA_Y
ClientSampleId :
ZONE-A-3-6-05022023

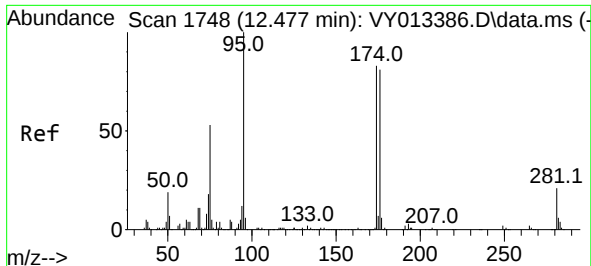
Tgt Ion:113 Resp: 122330
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 21.5 16.7 25.1



#50
Toluene-d8
Concen: 55.066 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013607.D
Acq: 04 May 2023 18:00

Tgt Ion: 98 Resp: 437764
Ion Ratio Lower Upper
98 100
100 62.8 50.5 75.7

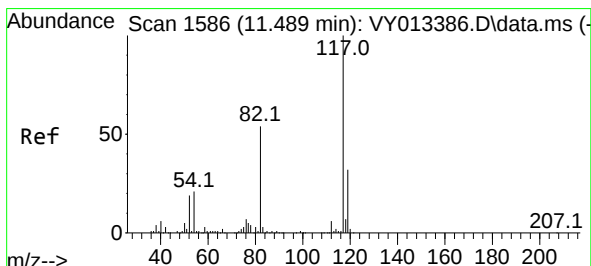
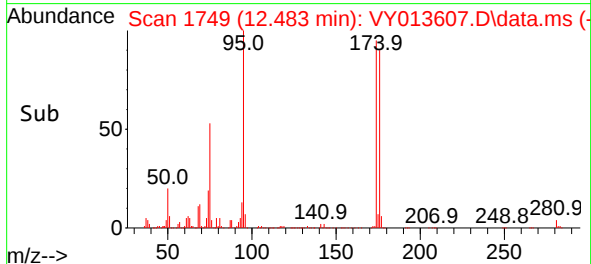
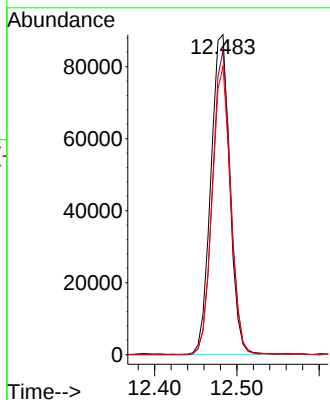
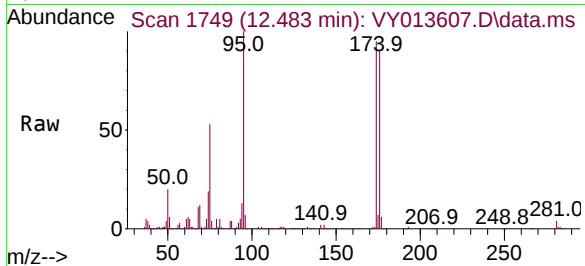




#62
4-Bromofluorobenzene
Concen: 52.686 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013607.D
Acq: 04 May 2023 18:00

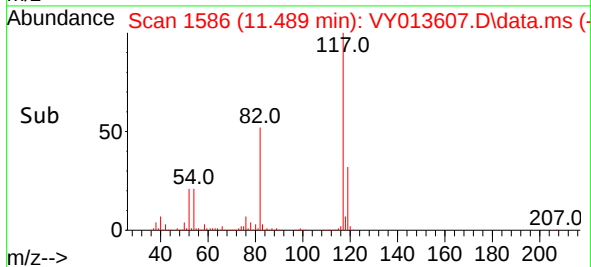
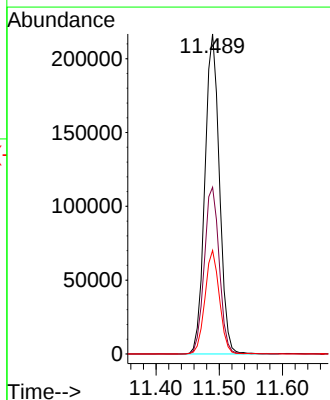
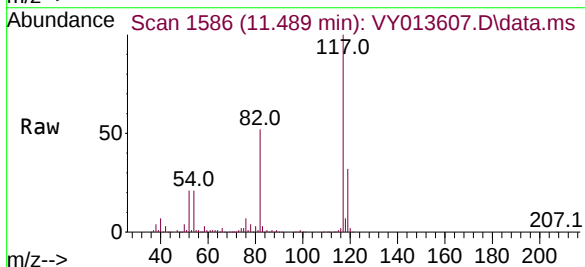
Instrument :
MSVOA_Y
ClientSampleId :
ZONE-A-3-6-05022023

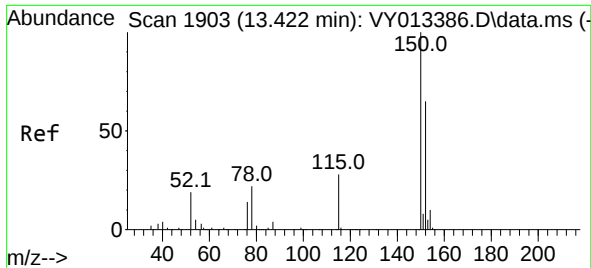
Tgt Ion: 95 Resp: 141203
Ion Ratio Lower Upper
95 100
174 92.4 0.0 182.0
176 88.3 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013607.D
Acq: 04 May 2023 18:00

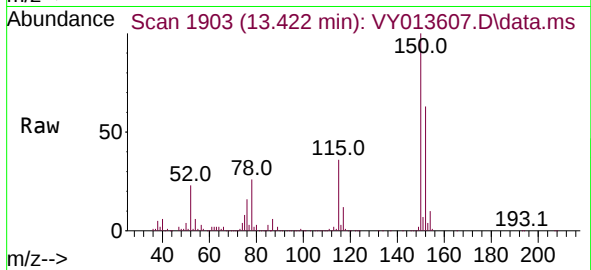
Tgt Ion: 117 Resp: 347600
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.6
119 32.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY013607.D
 Acq: 04 May 2023 18:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 ZONE-A-3-6-05022023



Tgt Ion:	152	Resp:	155368
Ion Ratio	Lower	Upper	
152	100		
115	56.5	28.1	84.2
150	158.6	0.0	352.0

