

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050423\
 Data File : VY013604.D
 Acq On : 04 May 2023 16:49
 Operator : KP/MD
 Sample : 02604-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TF-1

Quant Time: May 05 01:00:31 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)

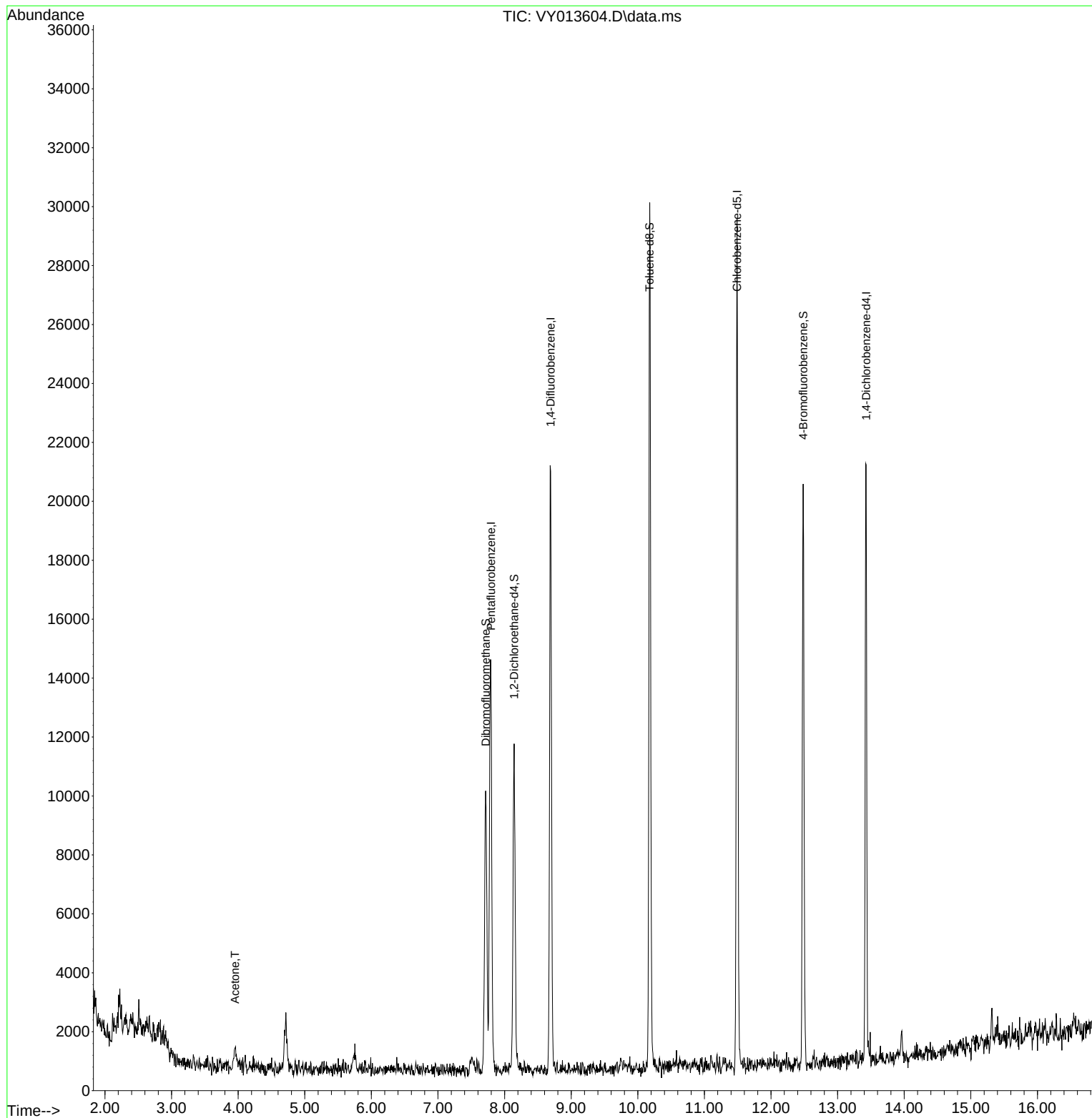
Internal Standards						
1) Pentafluorobenzene	7.795	168	11826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	17876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	15803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	9089	70.110	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.220%	
35) Dibromofluoromethane	7.716	113	6803	60.508	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.020%	
50) Toluene-d8	10.179	98	20245	50.617	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.240%	
62) 4-Bromofluorobenzene	12.483	95	5811	43.096	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.200%	
Target Compounds						
16) Acetone	3.954	43	1360	26.639	ug/l	Qvalue # 71

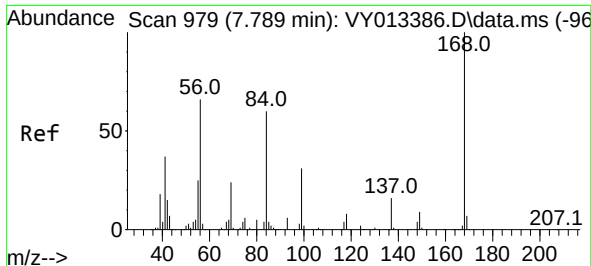
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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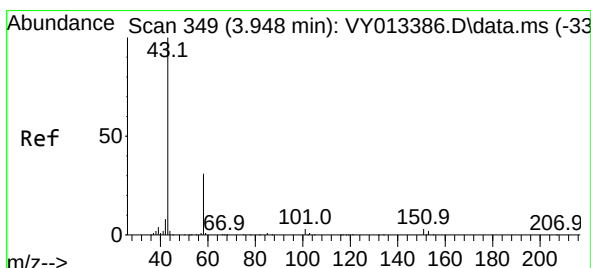
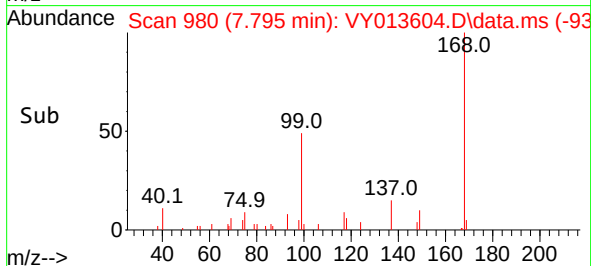
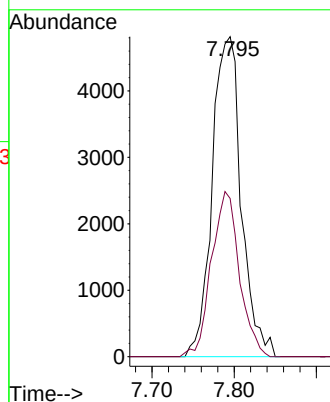
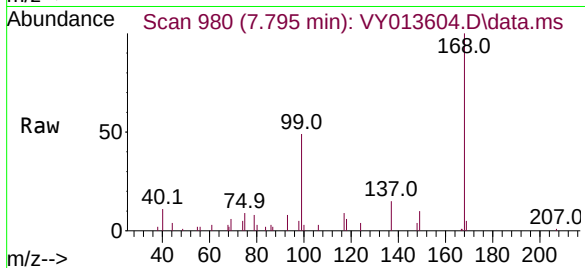




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013604.D
Acq: 04 May 2023 16:49

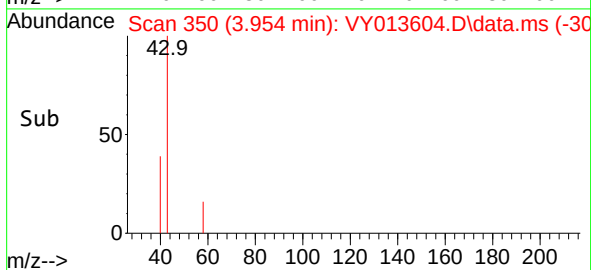
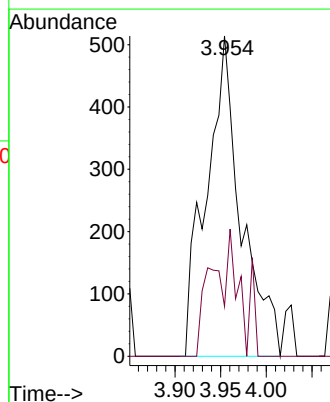
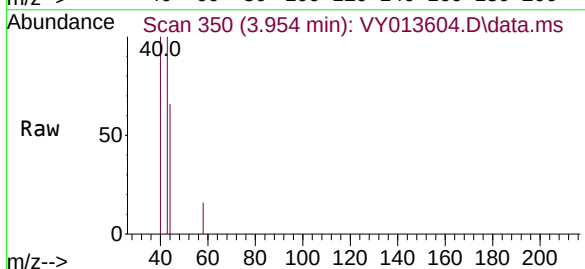
Instrument :
MSVOA_Y
ClientSampleId :
TF-1

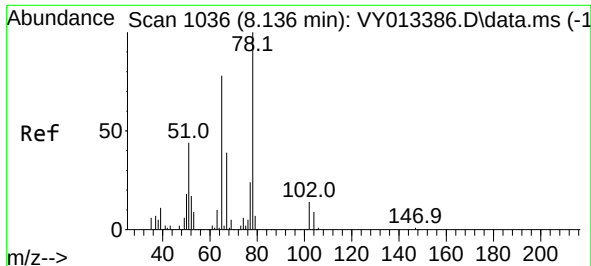
Tgt Ion:168 Resp: 11826
Ion Ratio Lower Upper
168 100
99 49.4 41.8 62.6



#16
Acetone
Concen: 26.639 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013604.D
Acq: 04 May 2023 16:49

Tgt Ion: 43 Resp: 1360
Ion Ratio Lower Upper
43 100
58 15.6 25.4 38.0#





#33

1,2-Dichloroethane-d4

Concen: 70.110 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY013604.D

Acq: 04 May 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :

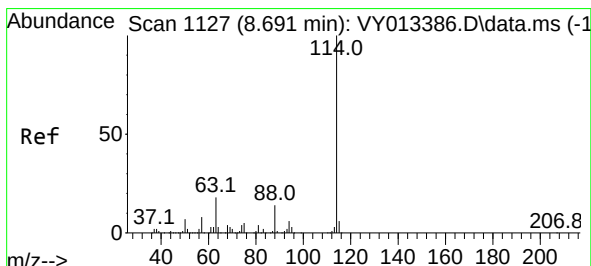
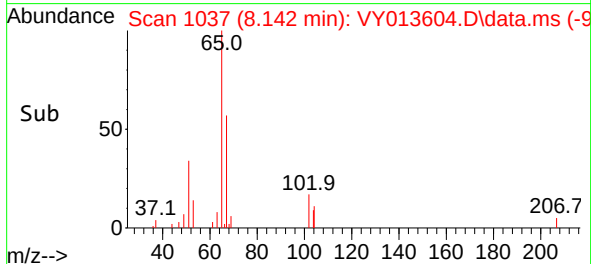
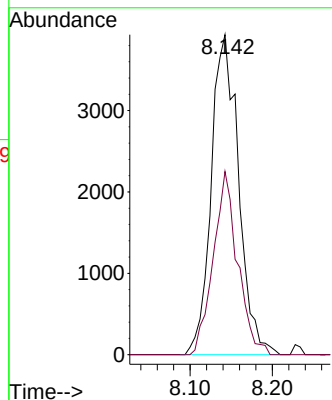
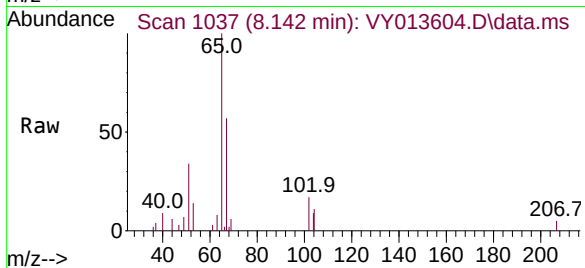
TF-1

Tgt Ion: 65 Resp: 9089

Ion Ratio Lower Upper

65 100

67 51.0 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: VY013604.D

Acq: 04 May 2023 16:49

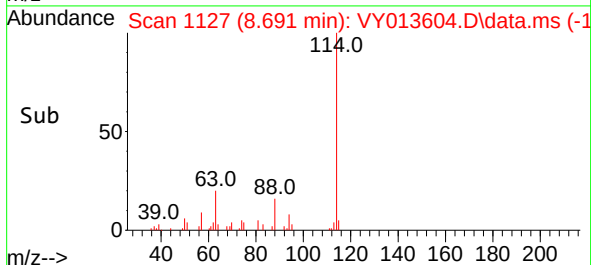
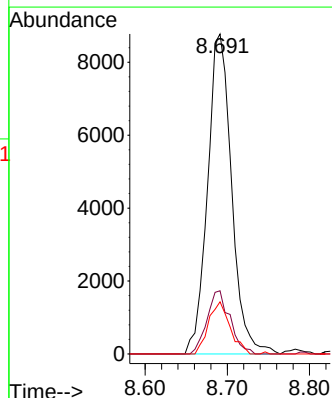
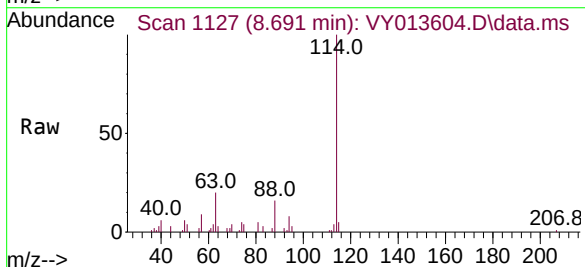
Tgt Ion: 114 Resp: 17876

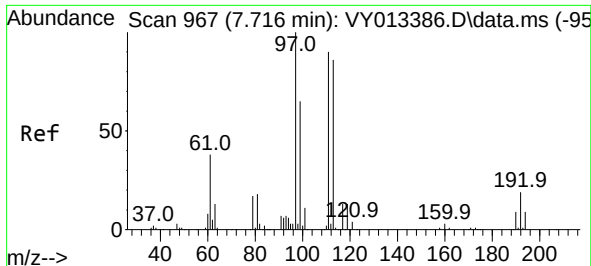
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.6

88 16.3 0.0 28.8

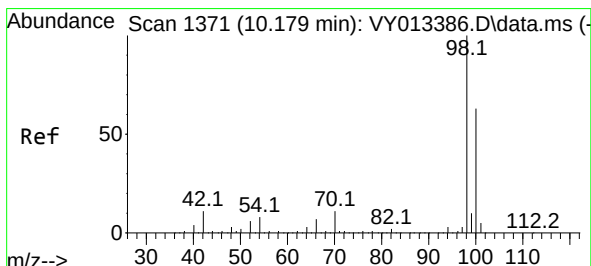
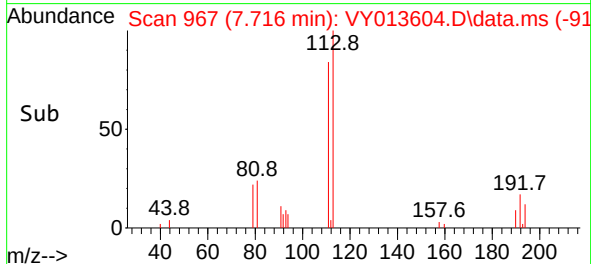
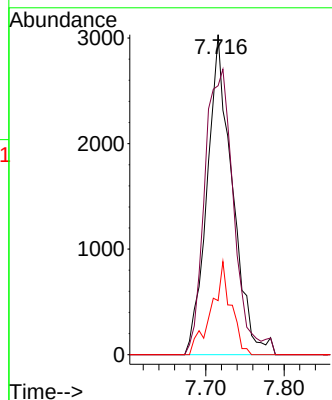
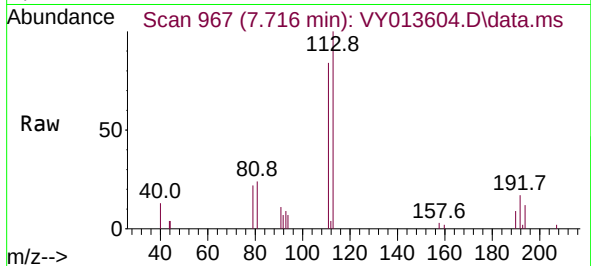




#35
Dibromofluoromethane
Concen: 60.508 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013604.D
Acq: 04 May 2023 16:49

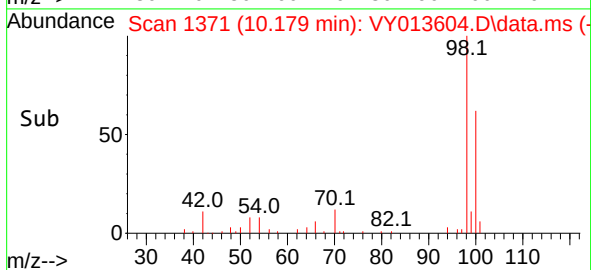
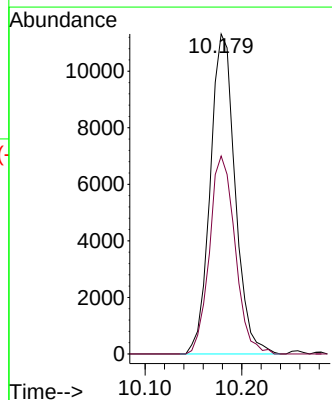
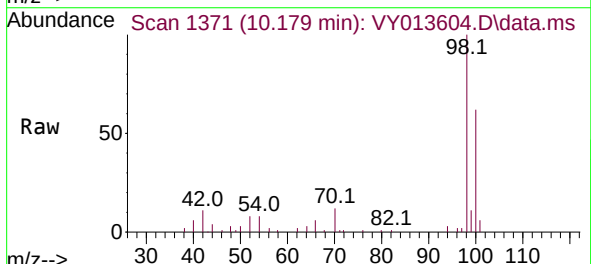
Instrument :
MSVOA_Y
ClientSampleId :
TF-1

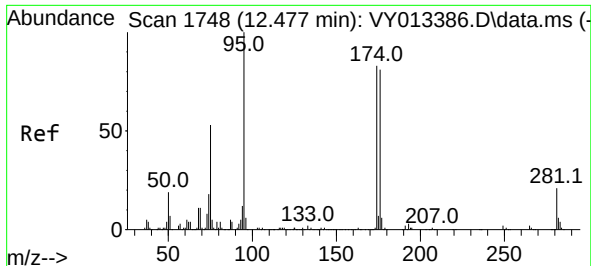
Tgt Ion:113 Resp: 6803
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 22.4 16.7 25.1



#50
Toluene-d8
Concen: 50.617 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013604.D
Acq: 04 May 2023 16:49

Tgt Ion: 98 Resp: 20245
Ion Ratio Lower Upper
98 100
100 63.5 50.5 75.7

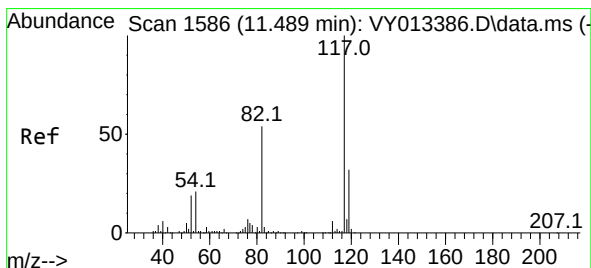
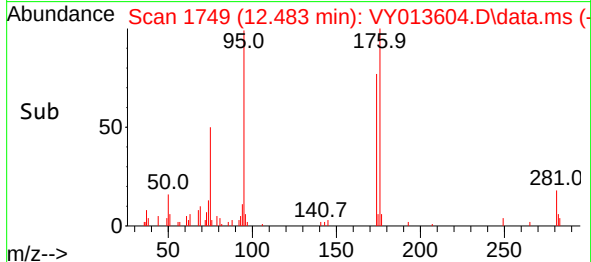
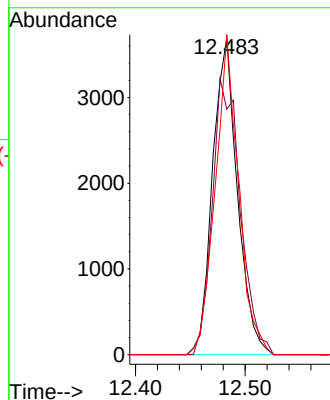
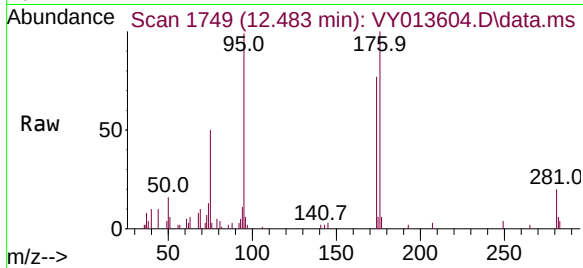




#62
4-Bromofluorobenzene
Concen: 43.096 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013604.D
Acq: 04 May 2023 16:49

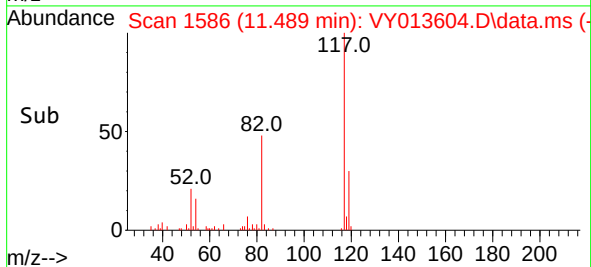
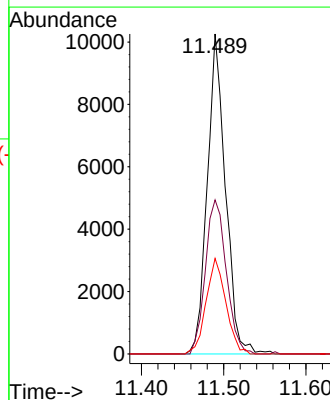
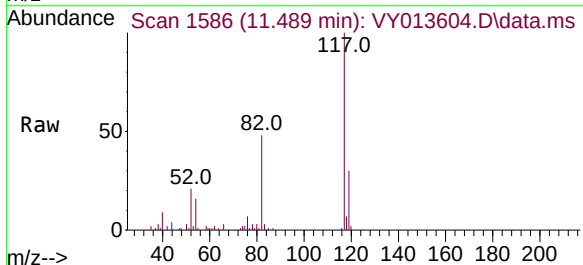
Instrument :
MSVOA_Y
ClientSampleId :
TF-1

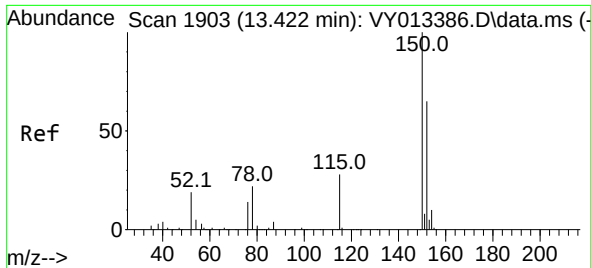
Tgt Ion:	95	Resp:	5811
Ion	Ratio	Lower	Upper
95	100		
174	98.0	0.0	182.0
176	95.6	0.0	175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013604.D
Acq: 04 May 2023 16:49

Tgt Ion:	117	Resp:	15803
Ion	Ratio	Lower	Upper
117	100		
82	48.2	43.0	64.6
119	29.9	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013604.D

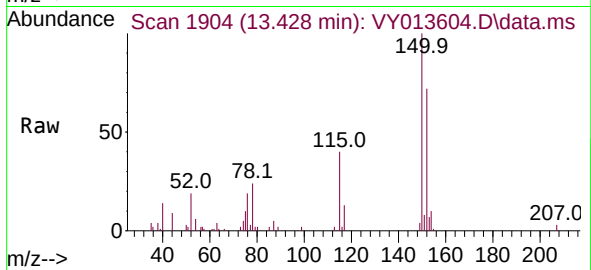
Acq: 04 May 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :

TF-1



Tgt Ion:152 Resp: 5890

Ion Ratio Lower Upper

152 100

115 53.7 28.1 84.2

150 148.8 0.0 352.0

