

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013698.D
 Acq On : 10 May 2023 19:14
 Operator : KP/MD
 Sample : 02719-08
 Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02_5-7_20230509

Quant Time: May 11 03:32:26 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)

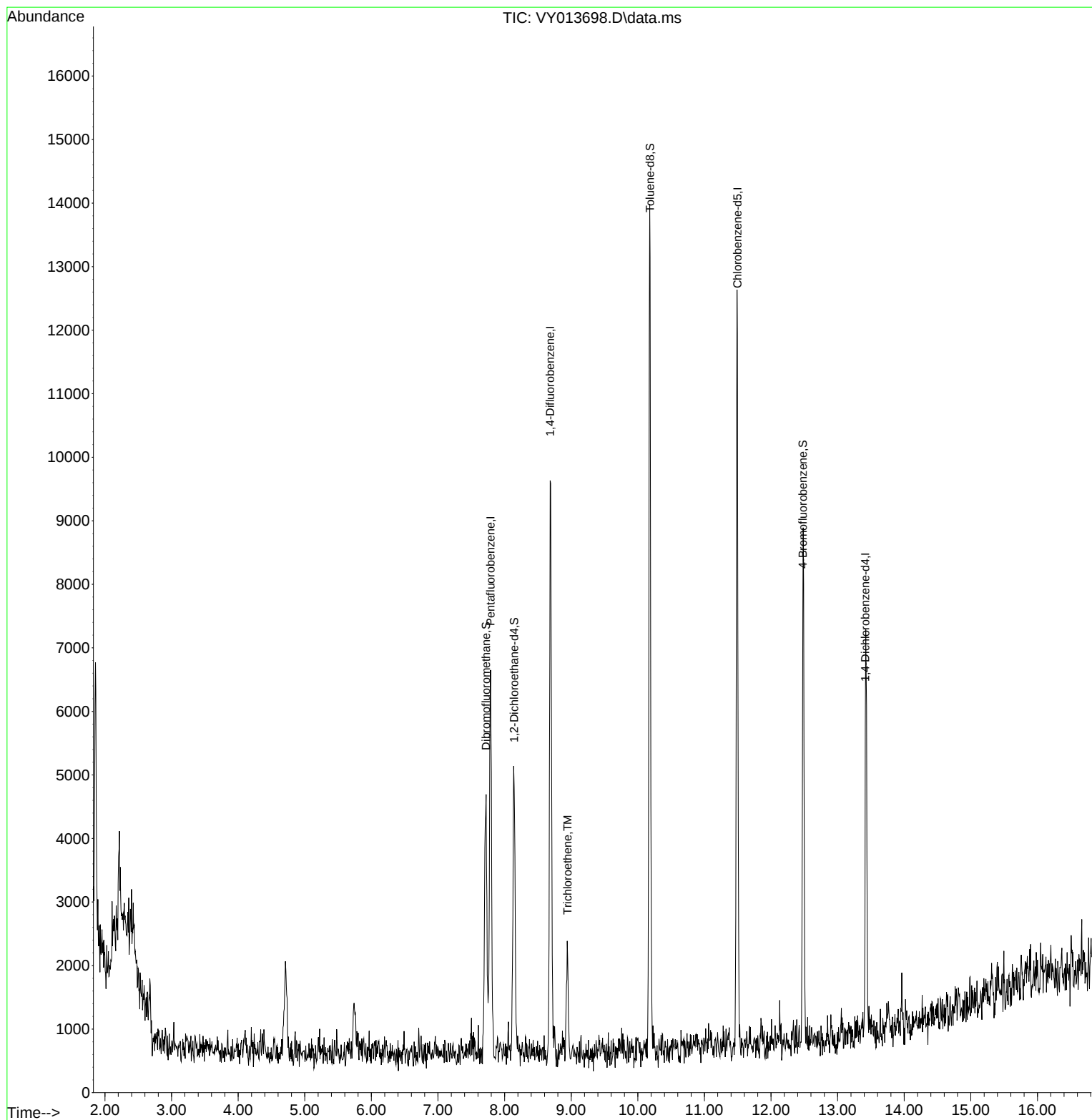
Internal Standards						
1) Pentafluorobenzene	7.789	168	5229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	7975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	6745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.416	152	2080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	3924	68.456	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.920%
35) Dibromofluoromethane	7.722	113	2882	57.457	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.920%
50) Toluene-d8	10.185	98	9249	51.834	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.660%
62) 4-Bromofluorobenzene	12.477	95	2266	37.669	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.340%
Target Compounds						
					Qvalue	
44) Trichloroethene	8.947	130	592	9.491	ug/l	87

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

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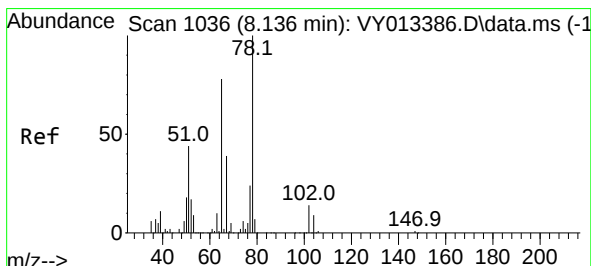
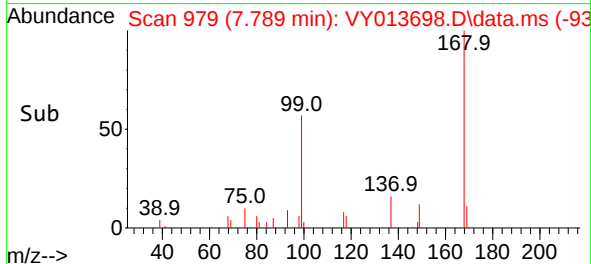
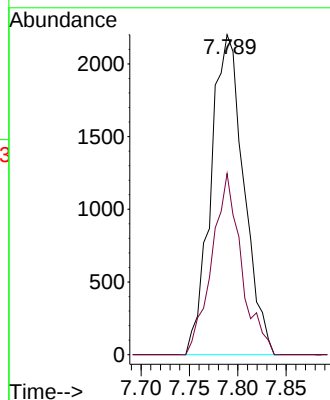
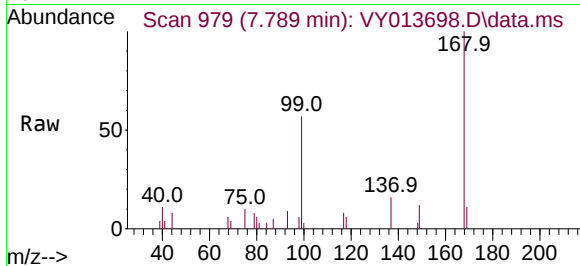




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013698.D
Acq: 10 May 2023 19:14

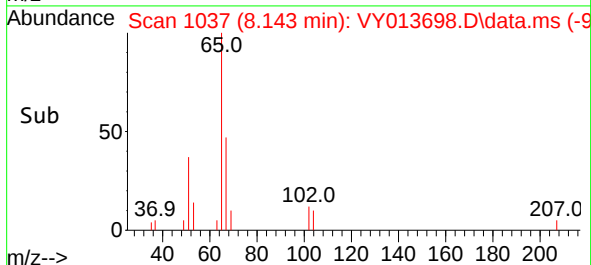
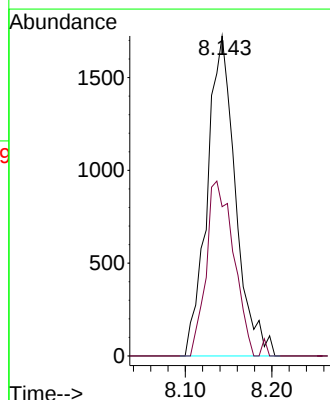
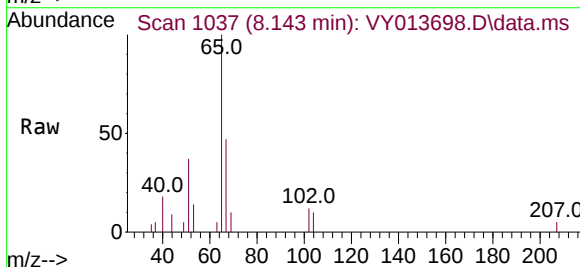
Instrument :
MSVOA_Y
ClientSampleId :
SB-02_5-7_20230509

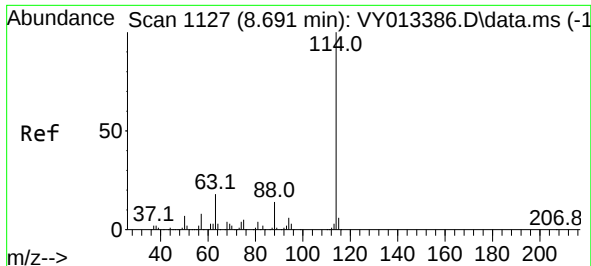
Tgt Ion:168 Resp: 5229
Ion Ratio Lower Upper
168 100
99 56.6 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 68.456 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013698.D
Acq: 10 May 2023 19:14

Tgt Ion: 65 Resp: 3924
Ion Ratio Lower Upper
65 100
67 52.7 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: VY013698.D

Acq: 10 May 2023 19:14

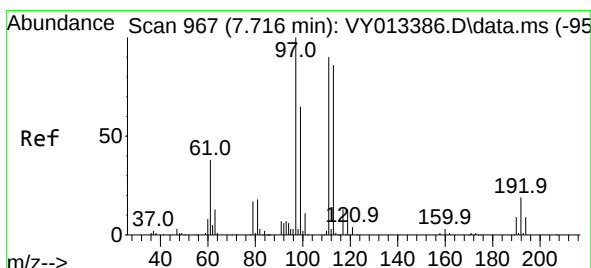
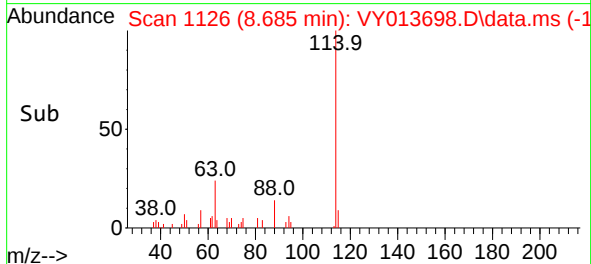
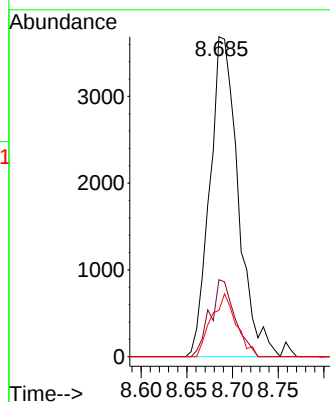
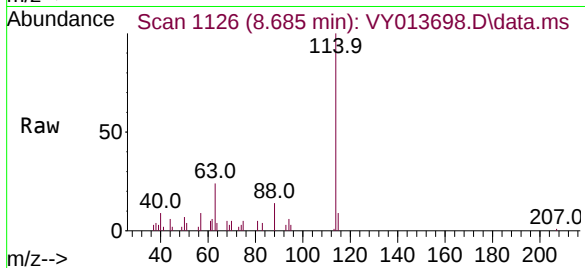
Instrument :

MSVOA_Y

ClientSampleId :

SB-02_5-7_20230509

Tgt Ion:114	Resp:	7975
Ion	Ratio	Lower Upper
114	100	
63	28.1	0.0 36.6
88	14.4	0.0 28.8



#35

Dibromofluoromethane

Concen: 57.457 ug/l

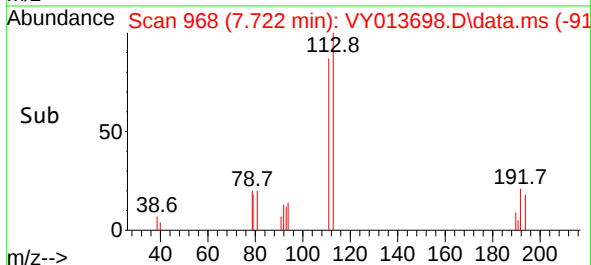
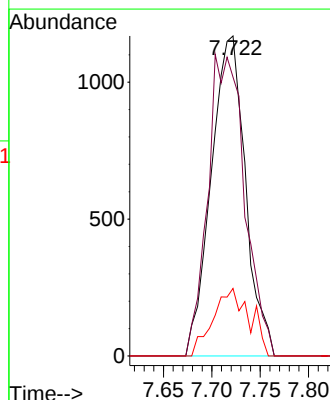
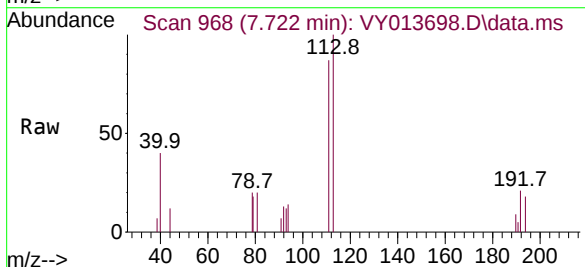
RT: 7.722 min Scan# 968

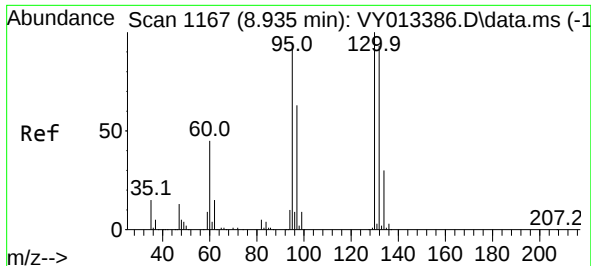
Delta R.T. 0.006 min

Lab File: VY013698.D

Acq: 10 May 2023 19:14

Tgt Ion:113	Resp:	2882
Ion	Ratio	Lower Upper
113	100	
111	101.4	82.2 123.2
192	22.4	16.7 25.1

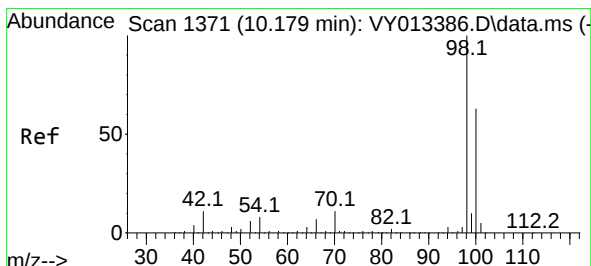
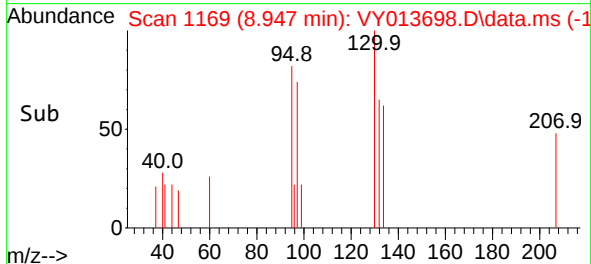
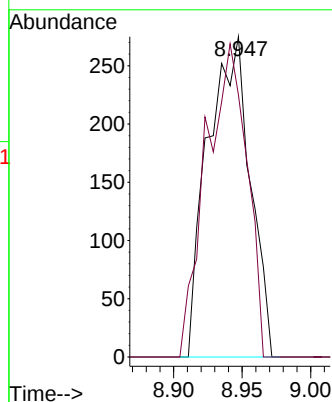
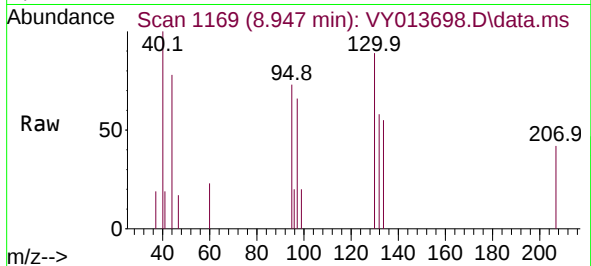




#44
Trichloroethene
Concen: 9.491 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.012 min
Lab File: VY013698.D
Acq: 10 May 2023 19:14

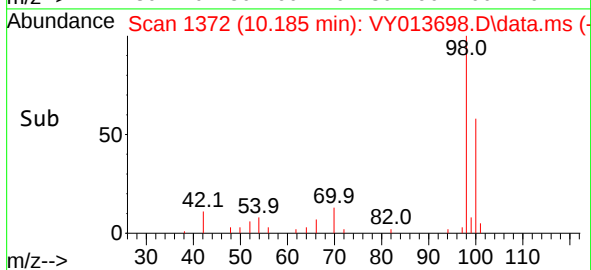
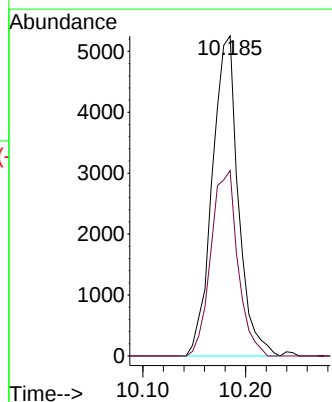
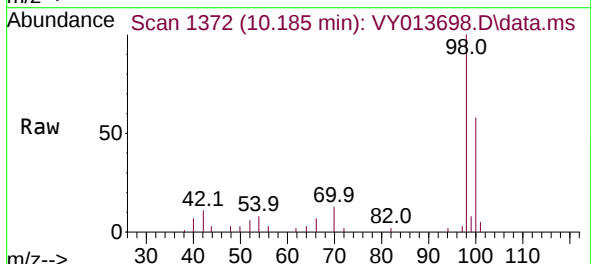
Instrument :
MSVOA_Y
ClientSampleId :
SB-02_5-7_20230509

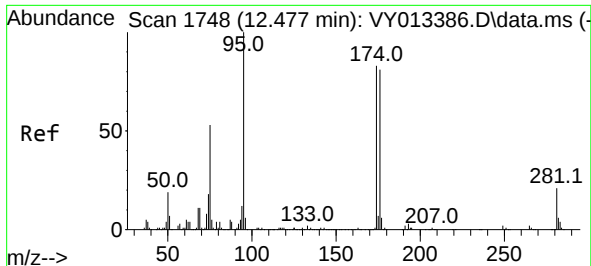
Tgt Ion:130 Resp: 592
Ion Ratio Lower Upper
130 100
95 81.8 0.0 188.8



#50
Toluene-d8
Concen: 51.834 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY013698.D
Acq: 10 May 2023 19:14

Tgt Ion: 98 Resp: 9249
Ion Ratio Lower Upper
98 100
100 59.7 50.5 75.7

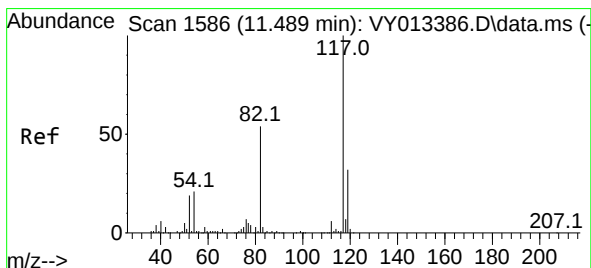
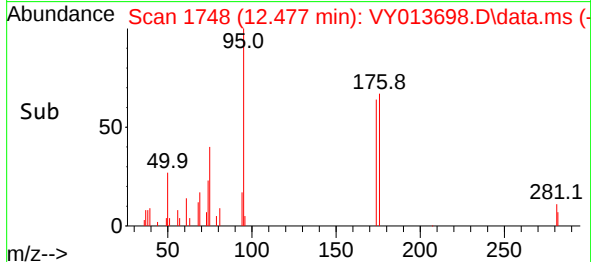
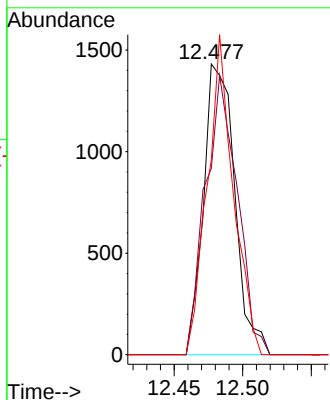
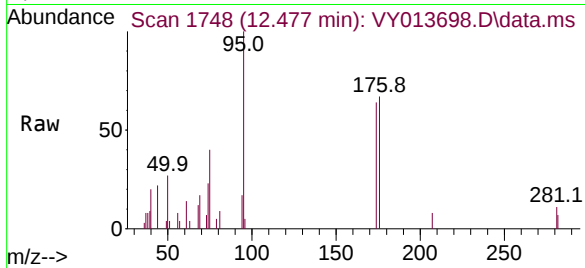




#62
4-Bromofluorobenzene
Concen: 37.669 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013698.D
Acq: 10 May 2023 19:14

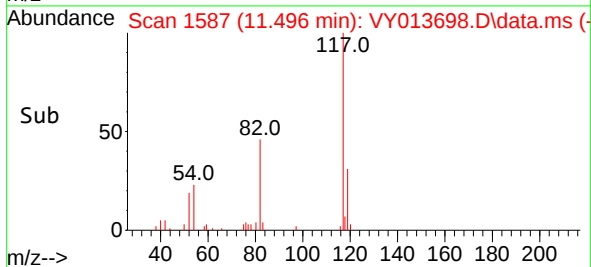
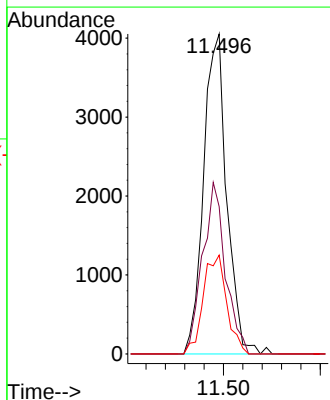
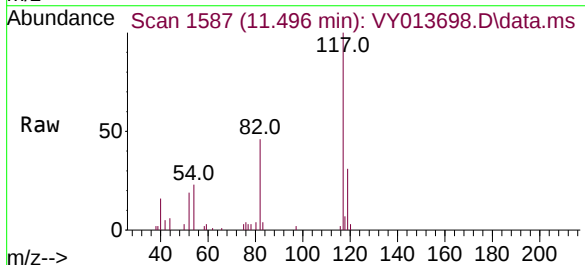
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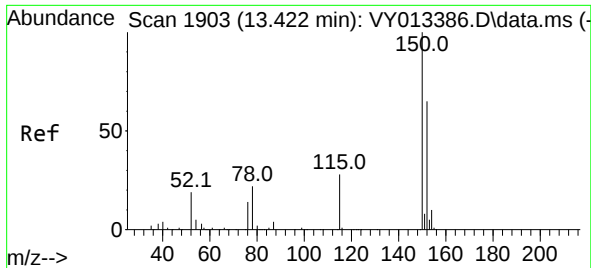
Tgt Ion: 95 Resp: 2266
Ion Ratio Lower Upper
95 100
174 98.1 0.0 182.0
176 92.2 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY013698.D
Acq: 10 May 2023 19:14

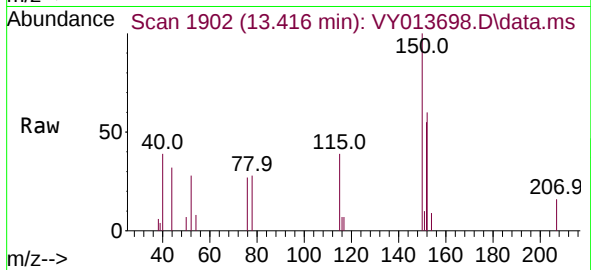
Tgt Ion: 117 Resp: 6745
Ion Ratio Lower Upper
117 100
82 46.0 43.0 64.6
119 30.9 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.416 min Scan# 1902
 Delta R.T. -0.006 min
 Lab File: VY013698.D
 Acq: 10 May 2023 19:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02_5-7_20230509



Tgt Ion:	152	Resp:	2080
Ion	Ratio	Lower	Upper
152	100		
115	51.8	28.1	84.2
150	144.3	0.0	352.0

