

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014752.D
 Acq On : 21 Jul 2023 17:18
 Operator : SY/MD
 Sample : 03706-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P9B

Quant Time: Jul 22 05:39:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

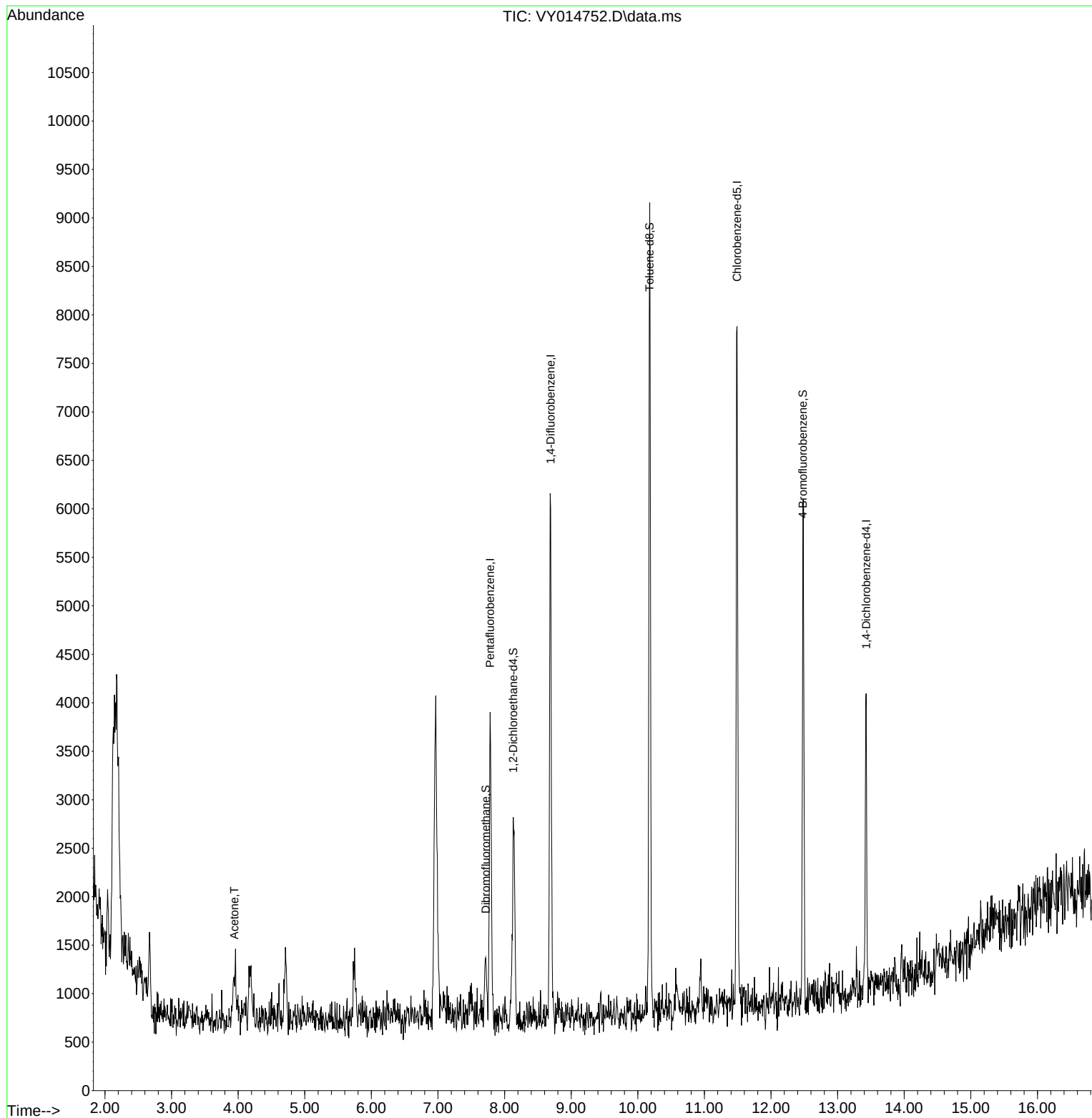
Internal Standards						
1) Pentafluorobenzene	7.783	168	2939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	4451	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1627	48.580	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.160%
35) Dibromofluoromethane	7.716	113	684	21.685	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	43.380%#
50) Toluene-d8	10.179	98	5764	49.566	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.477	95	1678	37.632	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.260%
Target Compounds						
16) Acetone	3.942	43	1299	122.398	ug/l	Qvalue 90

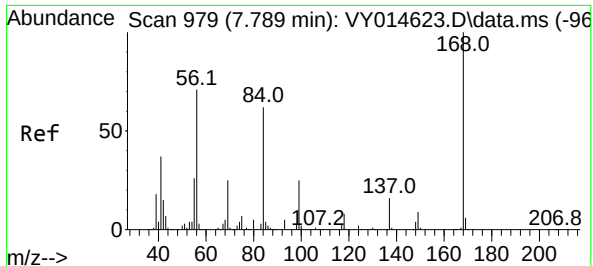
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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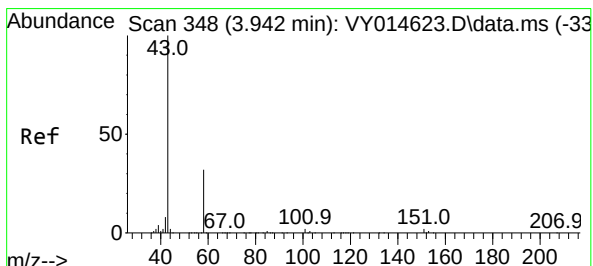
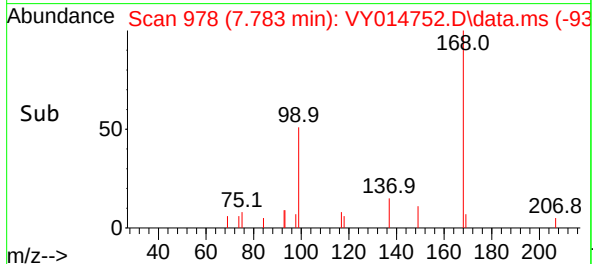
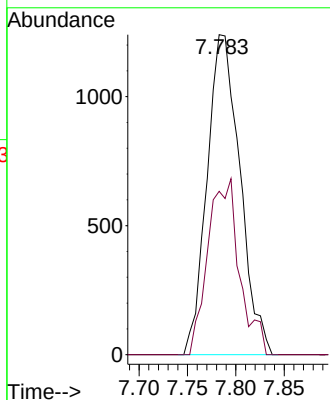
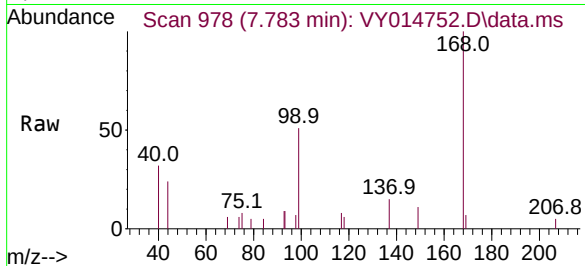




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014752.D
Acq: 21 Jul 2023 17:18

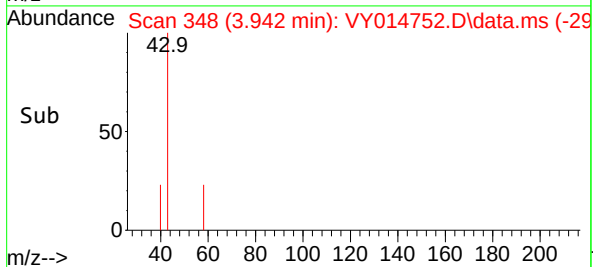
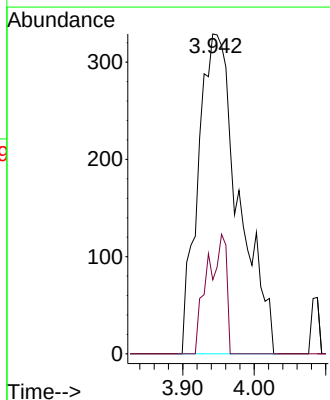
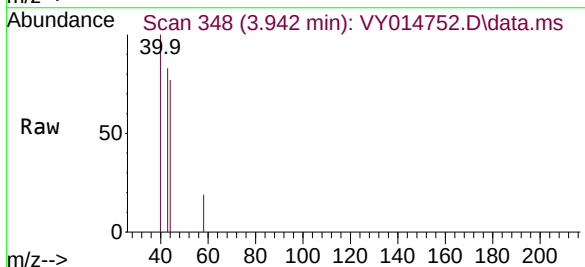
Instrument :
MSVOA_Y
ClientSampleId :
B-P9B

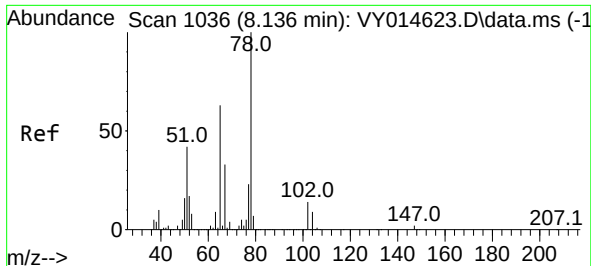
Tgt Ion:168 Resp: 2939
Ion Ratio Lower Upper
168 100
99 51.0 43.4 65.0



#16
Acetone
Concen: 122.398 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY014752.D
Acq: 21 Jul 2023 17:18

Tgt Ion: 43 Resp: 1299
Ion Ratio Lower Upper
43 100
58 23.1 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 48.580 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY014752.D

Acq: 21 Jul 2023 17:18

Instrument :

MSVOA_Y

ClientSampleId :

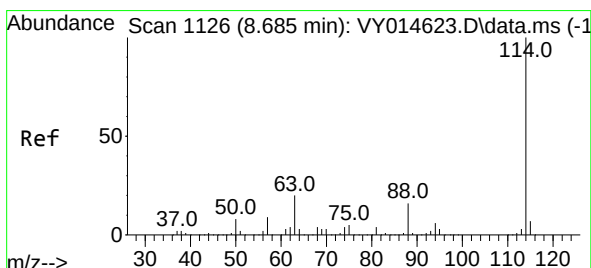
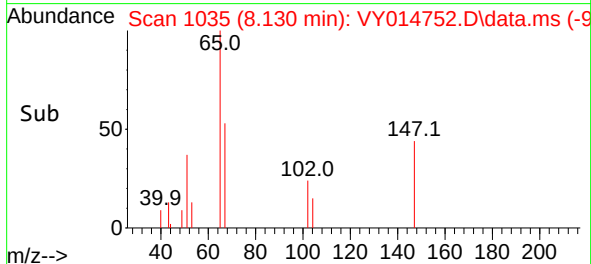
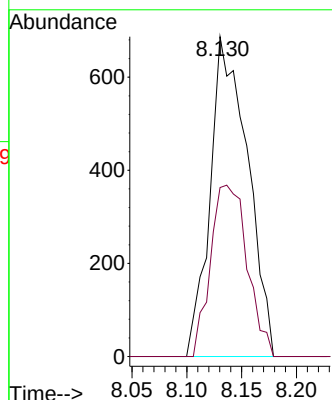
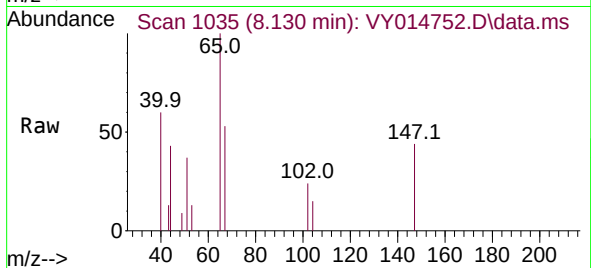
B-P9B

Tgt Ion: 65 Resp: 1627

Ion Ratio Lower Upper

65 100

67 52.6 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: VY014752.D

Acq: 21 Jul 2023 17:18

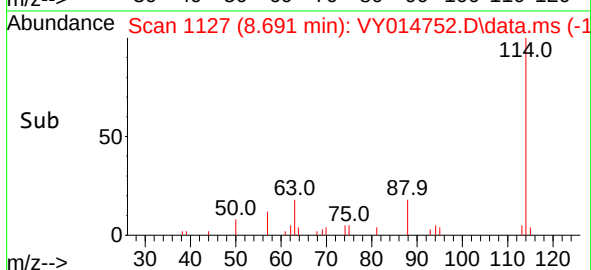
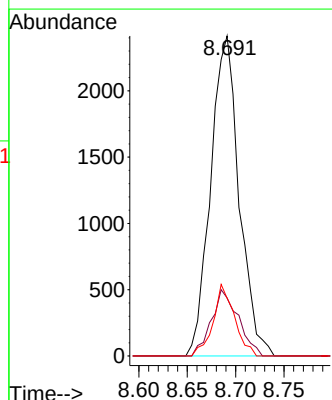
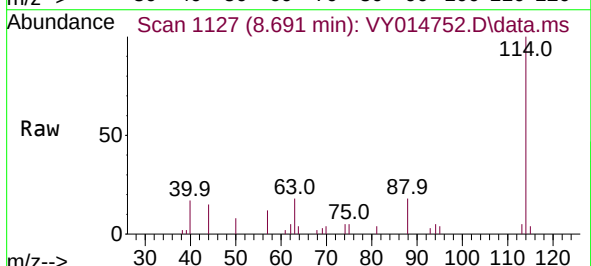
Tgt Ion: 114 Resp: 4955

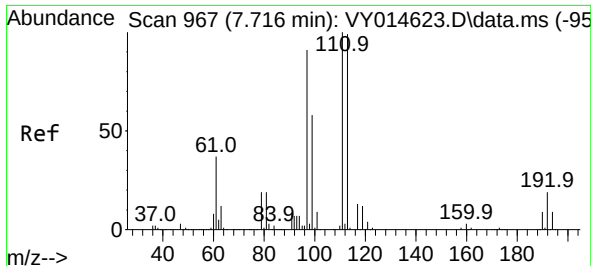
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 18.1 0.0 30.6

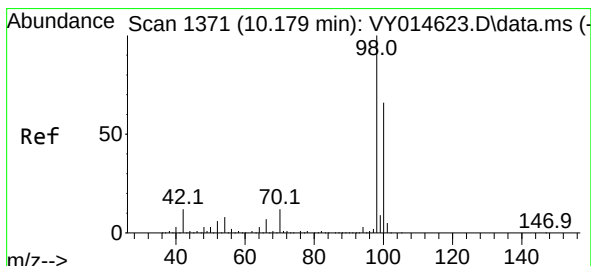
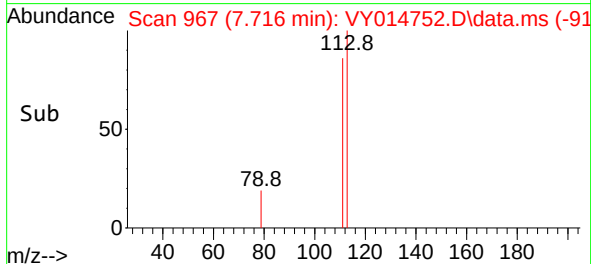
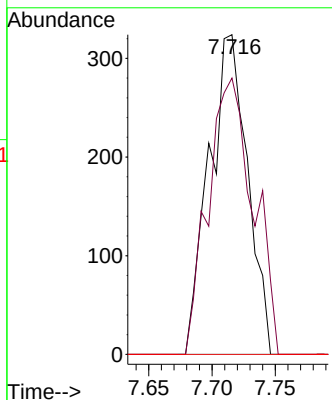
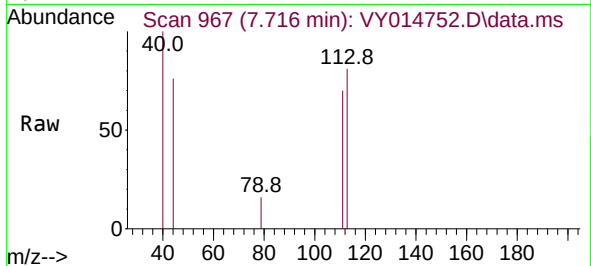




#35
 Dibromofluoromethane
 Concen: 21.685 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY014752.D
 Acq: 21 Jul 2023 17:18

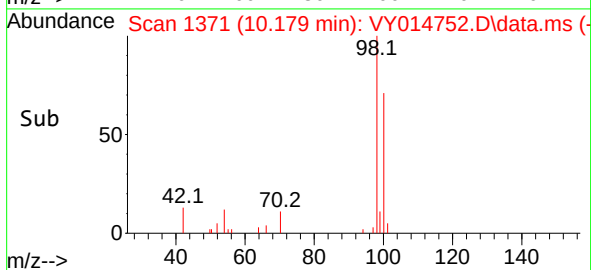
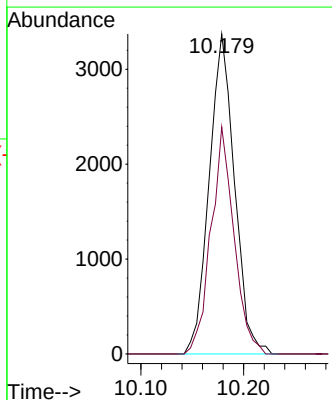
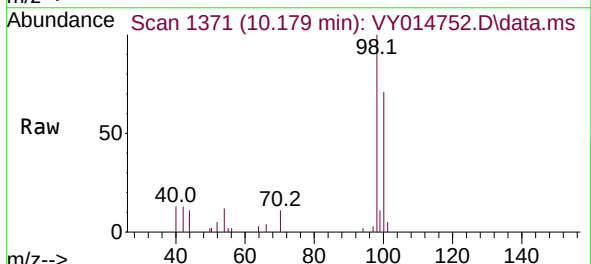
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P9B

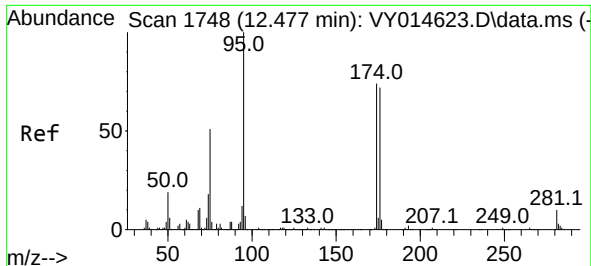
Tgt Ion:113	Resp:	684	
Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.3	121.9
192	0.0	16.9	25.3#



#50
 Toluene-d8
 Concen: 49.566 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY014752.D
 Acq: 21 Jul 2023 17:18

Tgt Ion: 98	Resp:	5764	
Ion Ratio	Lower	Upper	
98 100			
100 64.8	50.1	75.1	

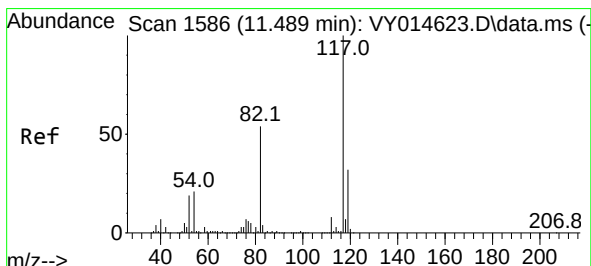
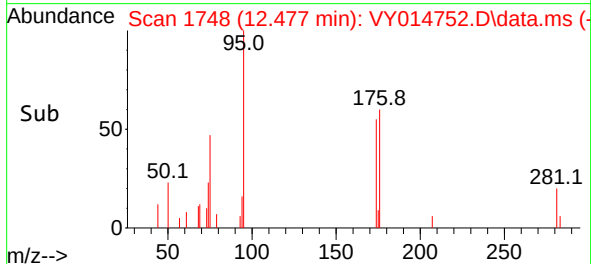
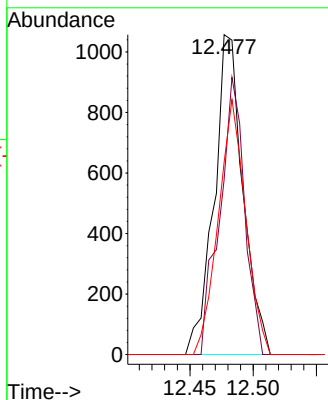
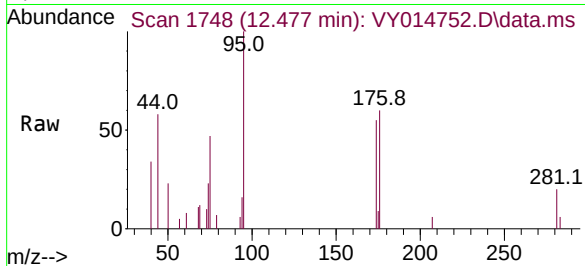




#62
4-Bromofluorobenzene
Concen: 37.632 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014752.D
Acq: 21 Jul 2023 17:18

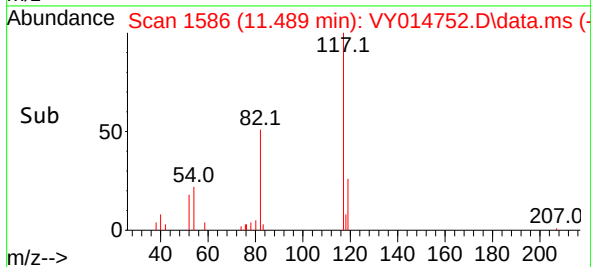
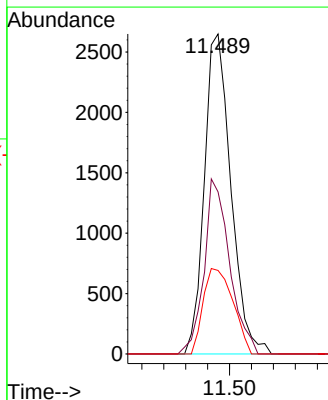
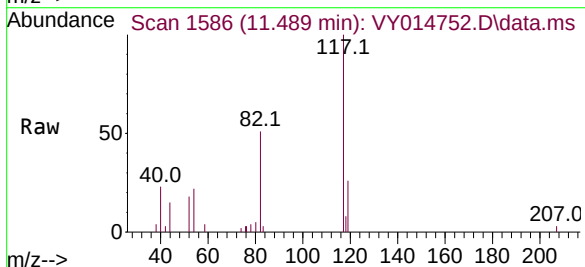
Instrument :
MSVOA_Y
ClientSampleId :
B-P9B

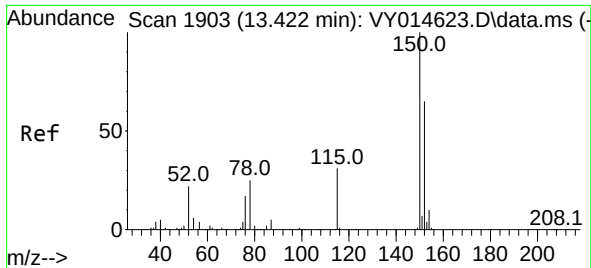
Tgt Ion: 95 Resp: 1678
Ion Ratio Lower Upper
95 100
174 74.9 0.0 178.2
176 75.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014752.D
Acq: 21 Jul 2023 17:18

Tgt Ion: 117 Resp: 4451
Ion Ratio Lower Upper
117 100
82 50.7 43.4 65.0
119 26.1 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: VY014752.D

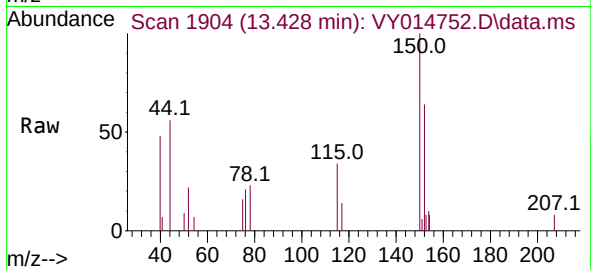
Acq: 21 Jul 2023 17:18

Instrument :

MSVOA_Y

ClientSampleId :

B-P9B



Tgt Ion:152 Resp: 811

Ion Ratio Lower Upper

152 100

115 67.4 28.8 86.5

150 194.2 0.0 348.8

