

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014063.D
 Acq On : 07 Jun 2023 16:29
 Operator : KP/MD
 Sample : 03044-15
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-5.0-7.0

Quant Time: Jun 08 02:33:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

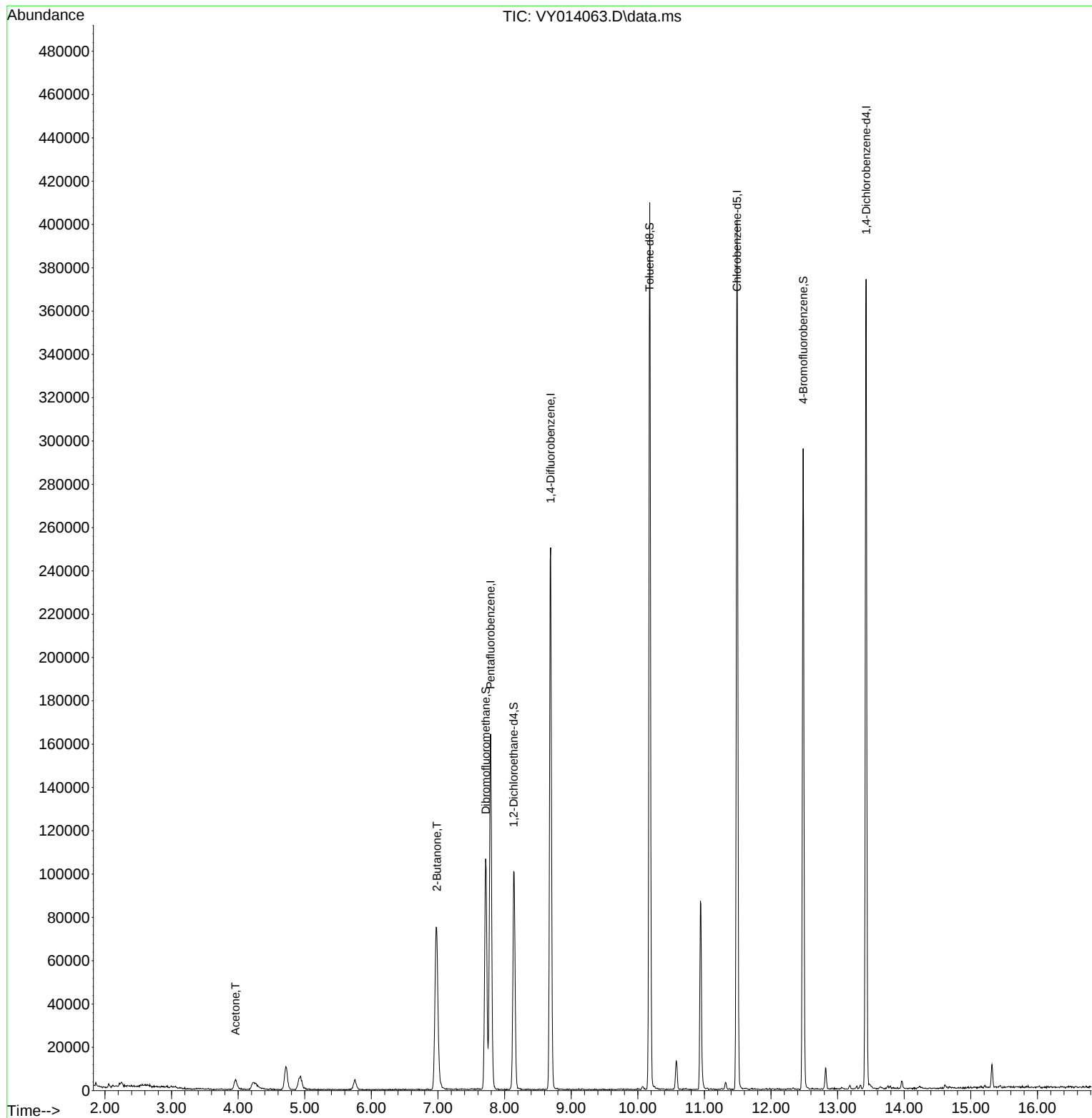
Internal Standards						
1) Pentafluorobenzene	7.789	168	124823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	209135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	212013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84104	50.899	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.800%	
35) Dibromofluoromethane	7.716	113	72866	54.825	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.640%	
50) Toluene-d8	10.179	98	258244	50.939	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.880%	
62) 4-Bromofluorobenzene	12.483	95	81817	47.338	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.680%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	8800	15.566	ug/l	93
25) 2-Butanone	6.984	43	4641	6.590	ug/l #	80

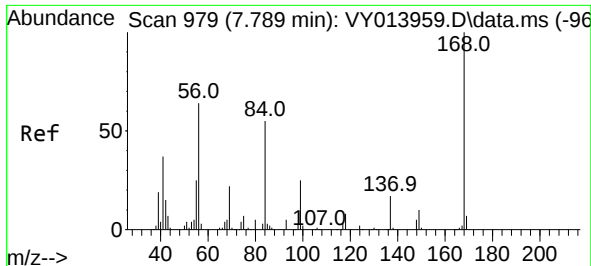
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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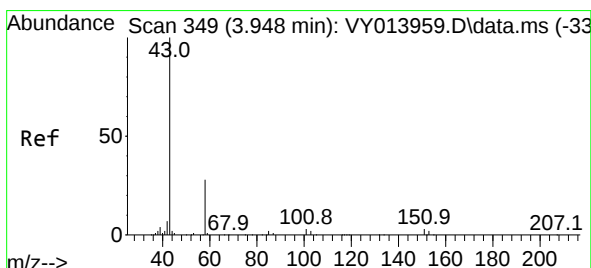
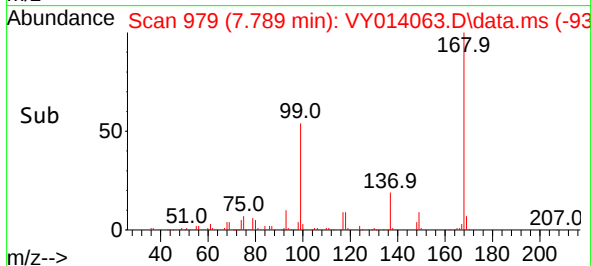
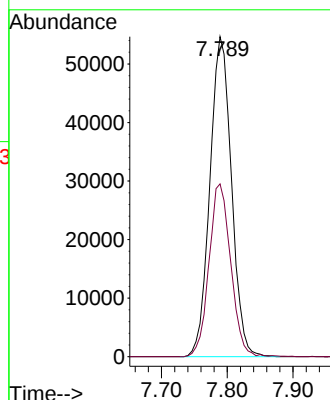
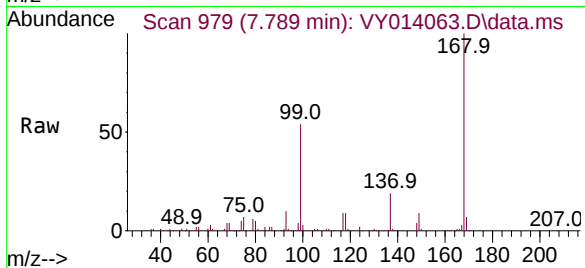




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014063.D
Acq: 07 Jun 2023 16:29

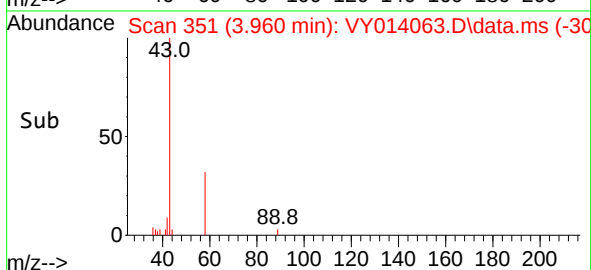
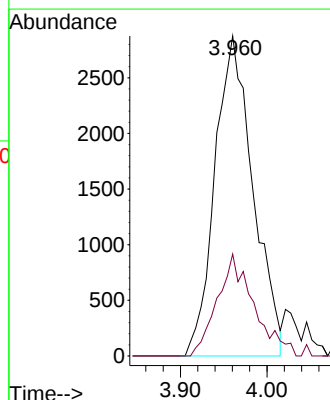
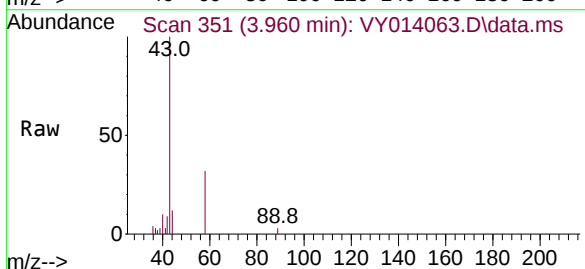
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-5.0-7.0

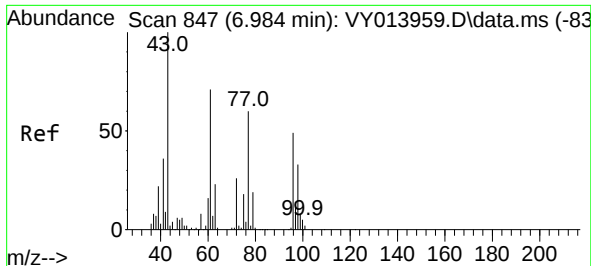
Tgt Ion:168 Resp: 124823
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#16
Acetone
Concen: 15.566 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY014063.D
Acq: 07 Jun 2023 16:29

Tgt Ion: 43 Resp: 8800
Ion Ratio Lower Upper
43 100
58 31.8 22.7 34.1

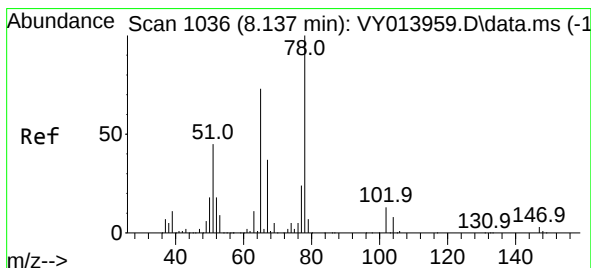
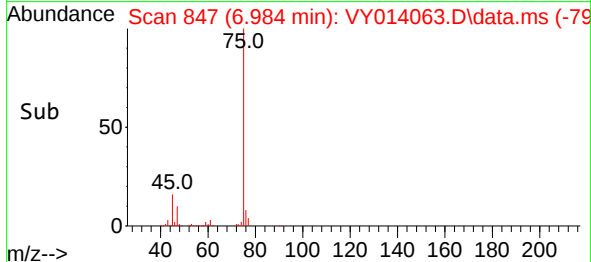
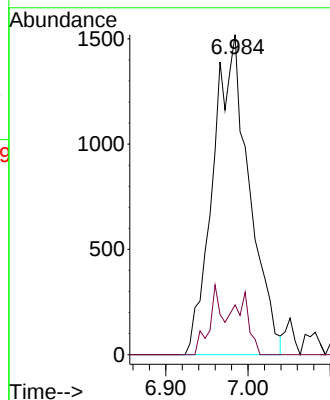
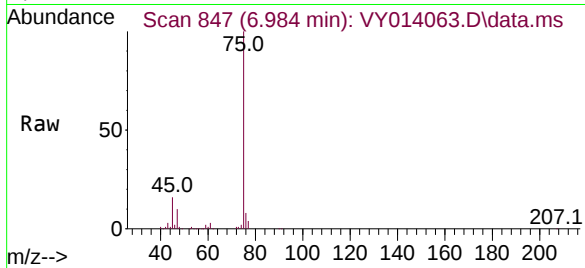




#25
2-Butanone
Concen: 6.590 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY014063.D
Acq: 07 Jun 2023 16:29

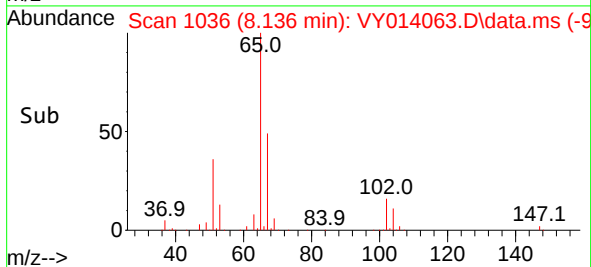
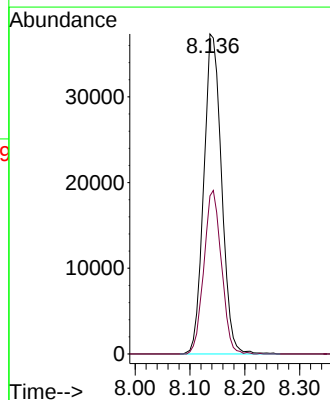
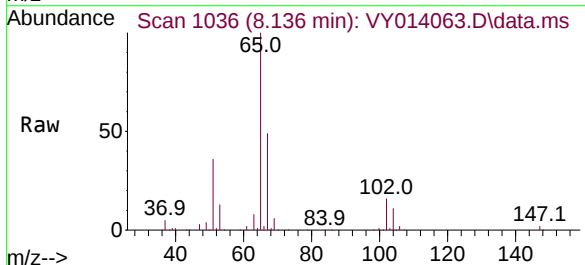
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-5.0-7.0

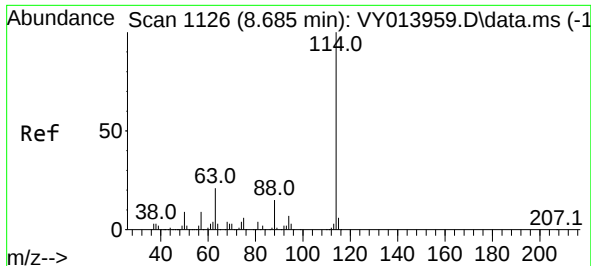
Tgt Ion: 43 Resp: 4641
Ion Ratio Lower Upper
43 100
72 15.5 20.5 30.7#



#33
1,2-Dichloroethane-d4
Concen: 50.899 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY014063.D
Acq: 07 Jun 2023 16:29

Tgt Ion: 65 Resp: 84104
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.8

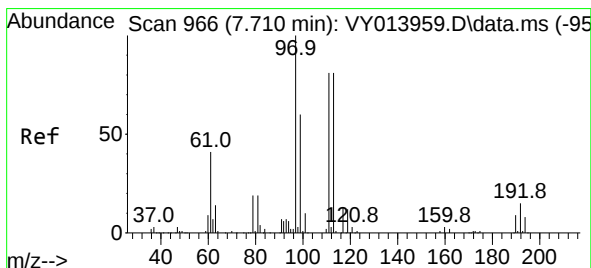
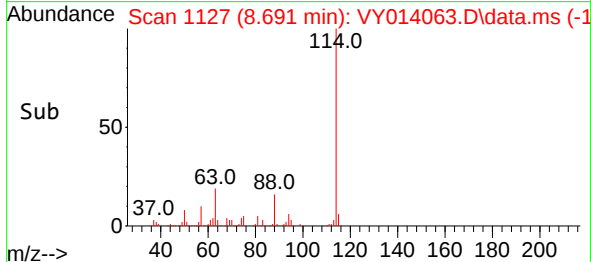
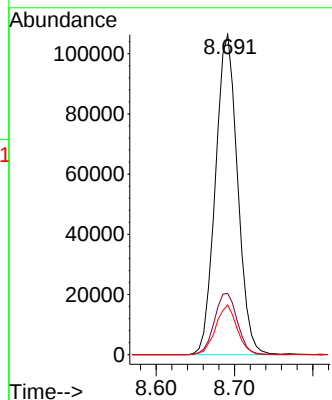
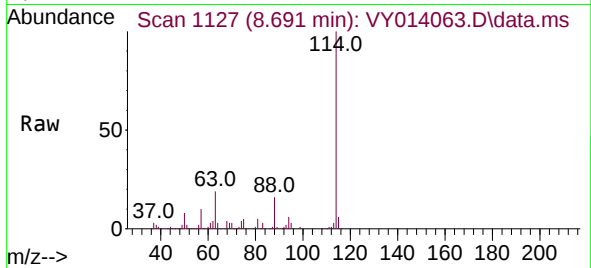




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY014063.D
Acq: 07 Jun 2023 16:29

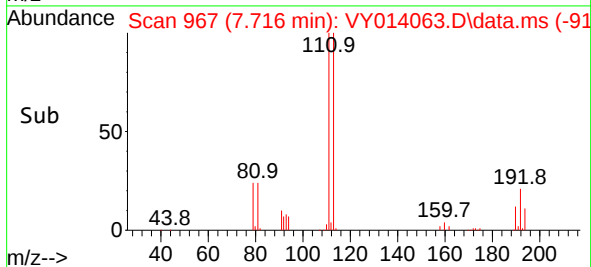
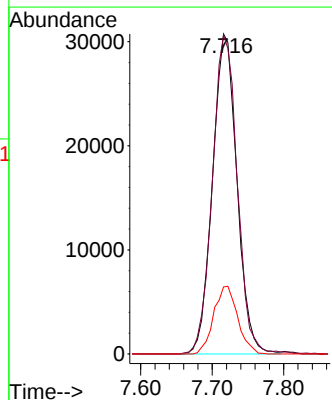
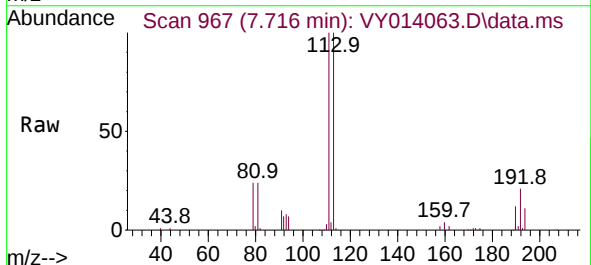
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-5.0-7.0

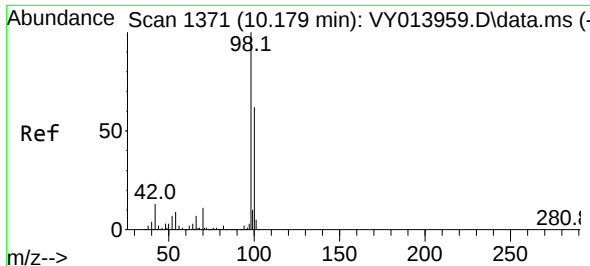
Tgt Ion:	114	Resp:	209135
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	42.4
88	15.6	0.0	30.6



#35
Dibromofluoromethane
Concen: 54.825 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY014063.D
Acq: 07 Jun 2023 16:29

Tgt Ion:	113	Resp:	72866
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.3	121.9
192	20.7	16.9	25.3

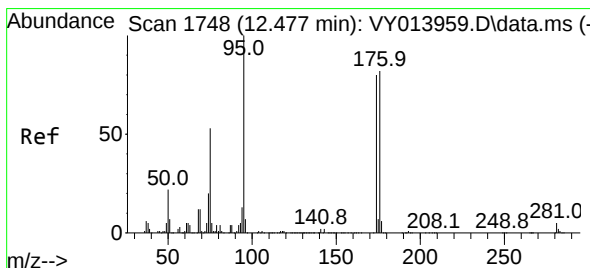
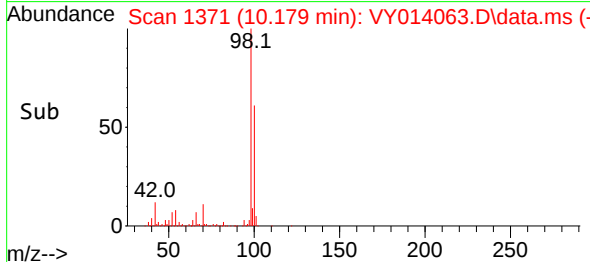
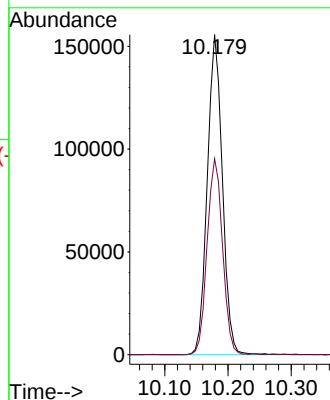
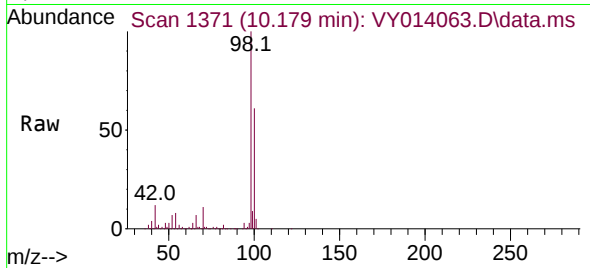




#50
Toluene-d8
Concen: 50.939 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014063.D
Acq: 07 Jun 2023 16:29

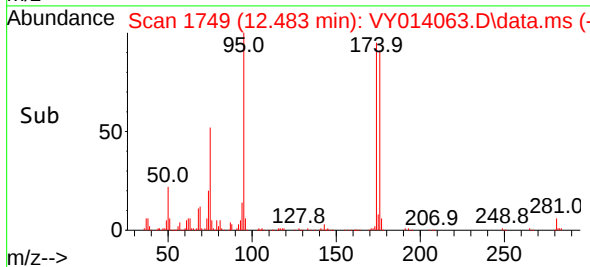
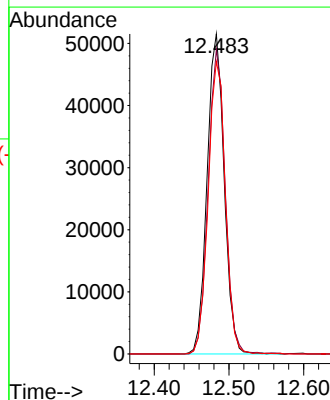
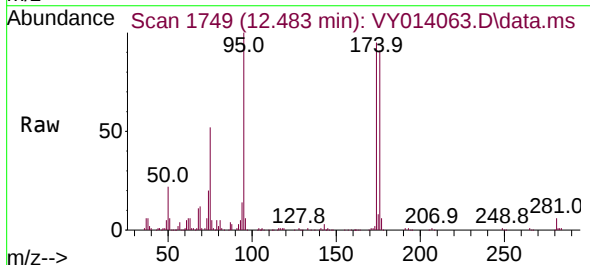
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-5.0-7.0

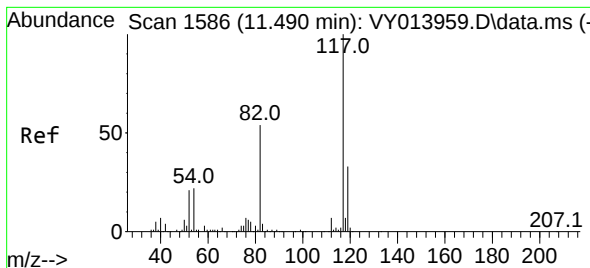
Tgt Ion: 98 Resp: 258244
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.338 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014063.D
Acq: 07 Jun 2023 16:29

Tgt Ion: 95 Resp: 81817
Ion Ratio Lower Upper
95 100
174 94.8 0.0 178.2
176 92.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014063.D

Acq: 07 Jun 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

SB-08-5.0-7.0

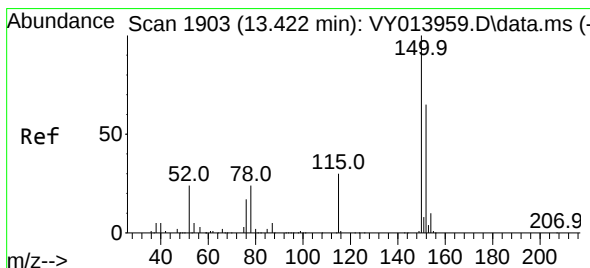
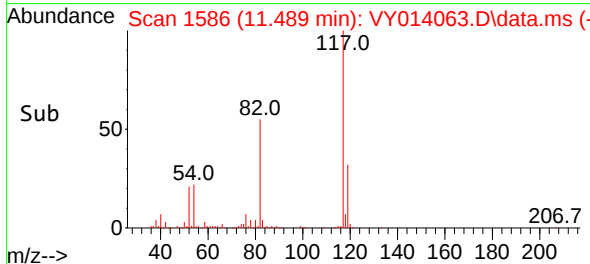
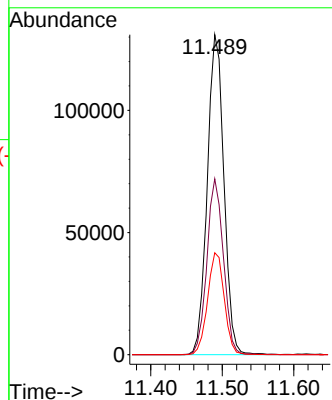
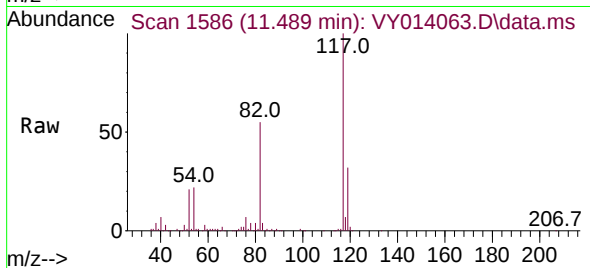
Tgt Ion:117 Resp: 212013

Ion Ratio Lower Upper

117 100

82 54.9 43.4 65.0

119 31.9 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: VY014063.D

Acq: 07 Jun 2023 16:29

Tgt Ion:152 Resp: 94348

Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 159.3 0.0 348.8

