

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014441.D
 Acq On : 26 Jun 2023 18:01
 Operator : KP/MD
 Sample : 03375-04
 Misc : 4.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2(8-10)

Quant Time: Jun 27 01:50:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

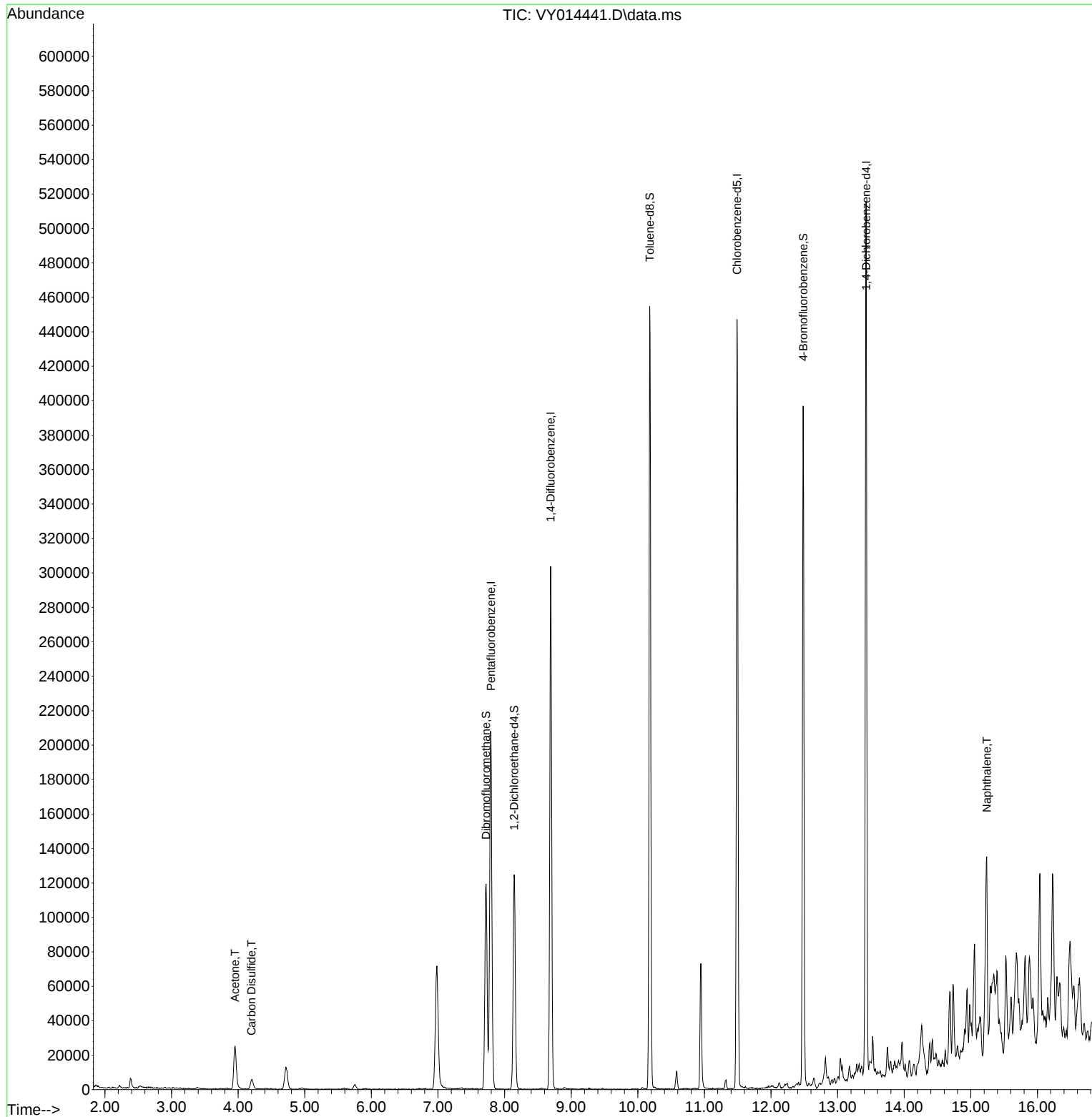
Internal Standards						
1) Pentafluorobenzene	7.795	168	167611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	254294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	245739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	111298	53.482	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.960%	
35) Dibromofluoromethane	7.722	113	79151	50.380	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.760%	
50) Toluene-d8	10.179	98	303262	48.559	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.120%	
62) 4-Bromofluorobenzene	12.483	95	104547	46.891	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.780%	
Target Compounds						
						Qvalue
16) Acetone	3.954	43	44619	68.138	ug/l	92
17) Carbon Disulfide	4.198	76	5931	1.241	ug/l #	92
95) Naphthalene	15.239	128	91482	16.090	ug/l	98

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

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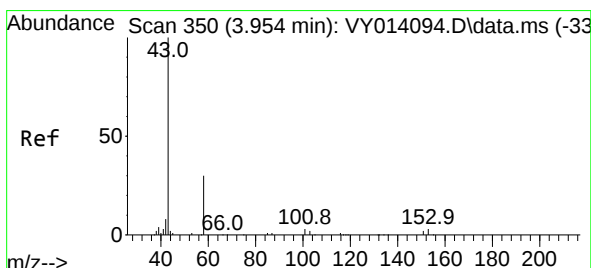
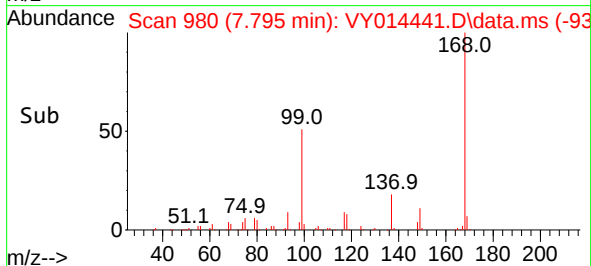
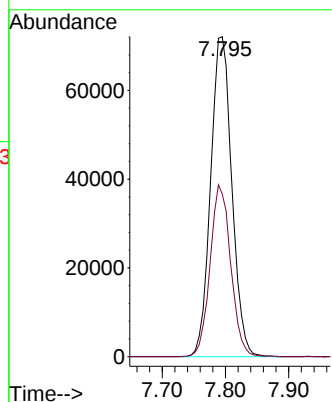
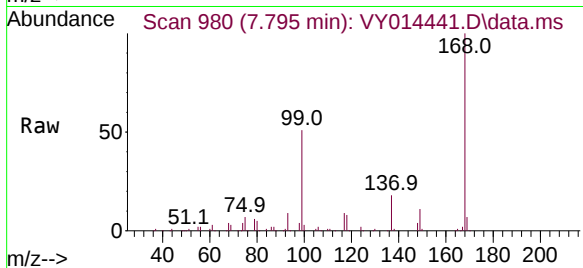




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014441.D
Acq: 26 Jun 2023 18:01

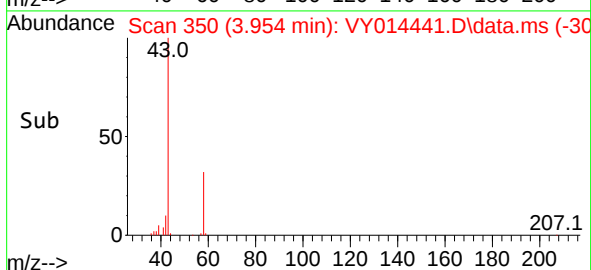
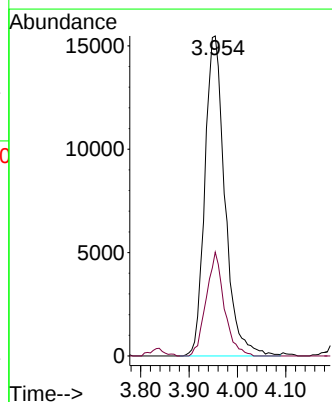
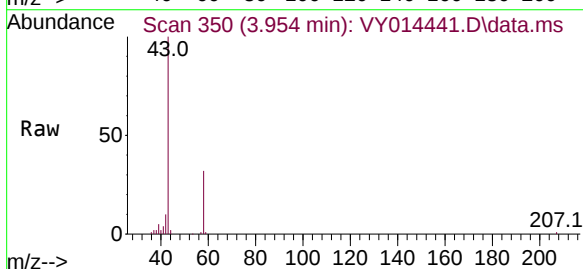
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)

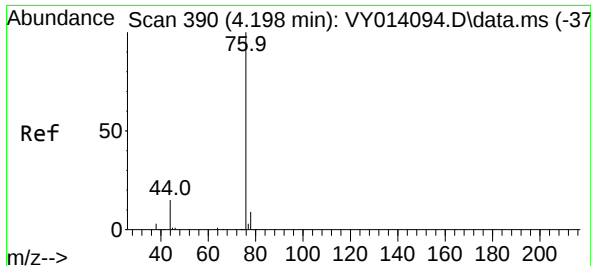
Tgt Ion:168 Resp: 167611
Ion Ratio Lower Upper
168 100
99 50.8 43.4 65.0



#16
Acetone
Concen: 68.138 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014441.D
Acq: 26 Jun 2023 18:01

Tgt Ion: 43 Resp: 44619
Ion Ratio Lower Upper
43 100
58 32.5 22.7 34.1

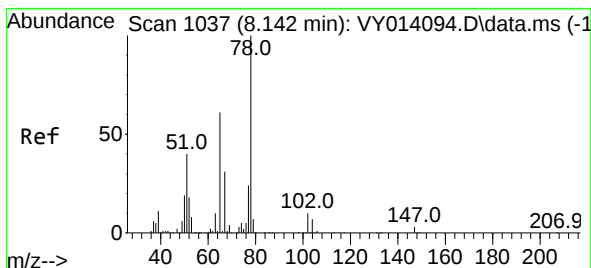
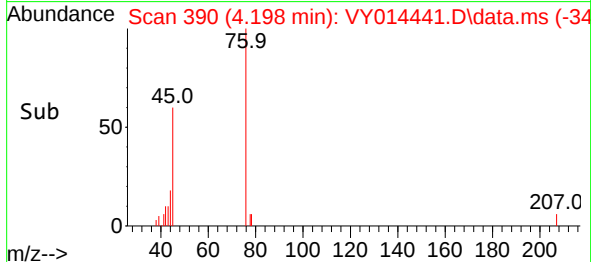
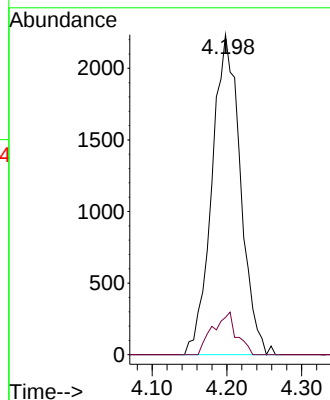
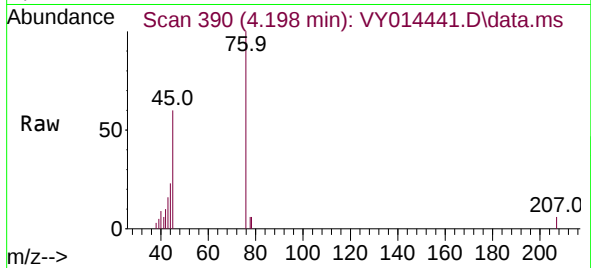




#17
Carbon Disulfide
Concen: 1.241 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY014441.D
Acq: 26 Jun 2023 18:01

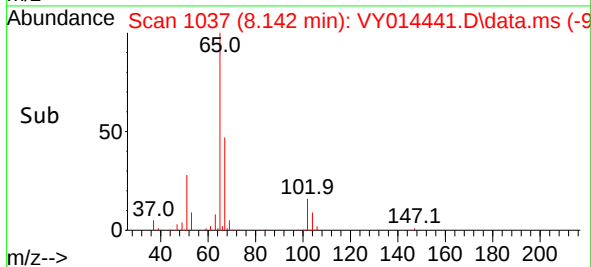
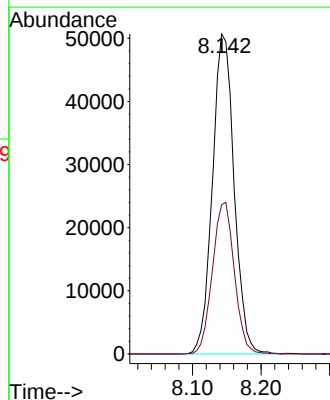
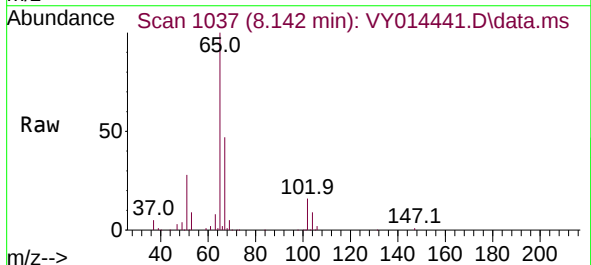
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)

Tgt Ion: 76 Resp: 5931
Ion Ratio Lower Upper
76 100
78 11.7 7.0 10.4#



#33
1,2-Dichloroethane-d4
Concen: 53.482 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014441.D
Acq: 26 Jun 2023 18:01

Tgt Ion: 65 Resp: 111298
Ion Ratio Lower Upper
65 100
67 47.9 0.0 101.8

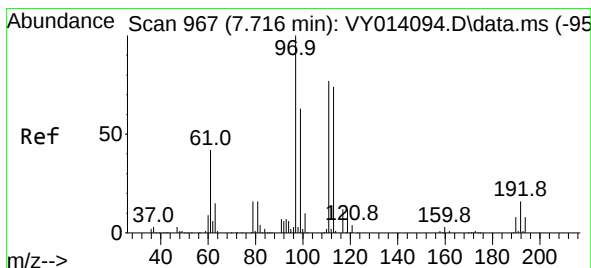
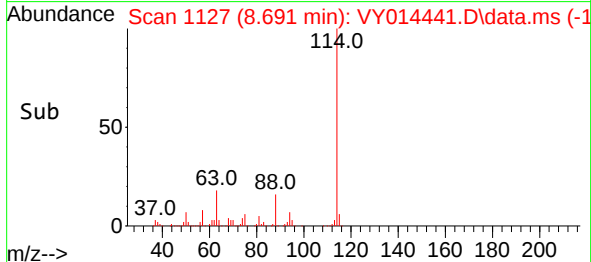
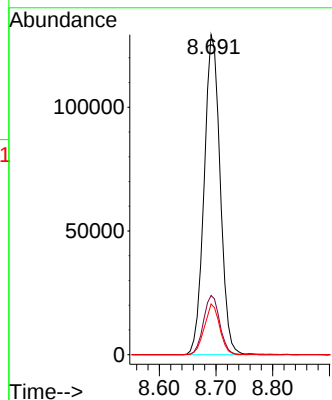
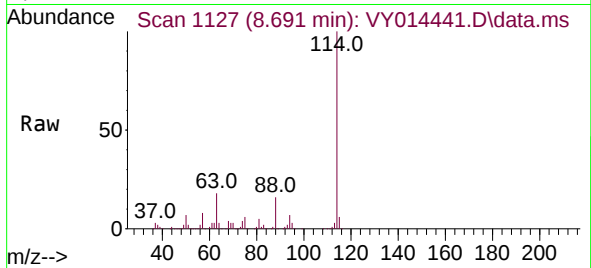




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014441.D
 Acq: 26 Jun 2023 18:01

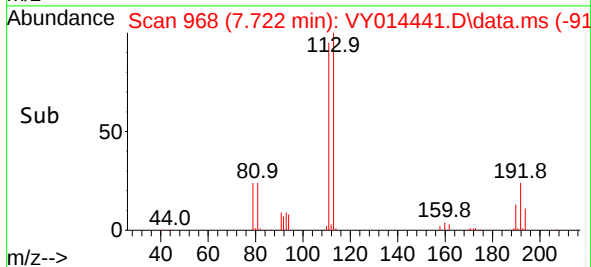
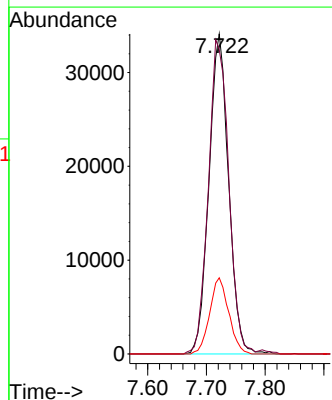
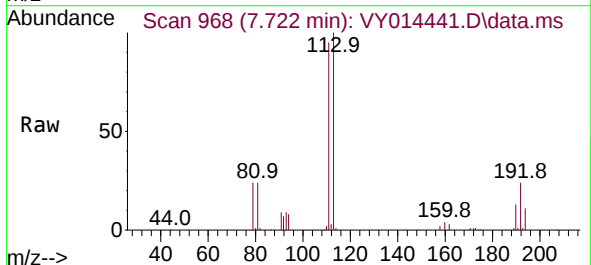
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2(8-10)

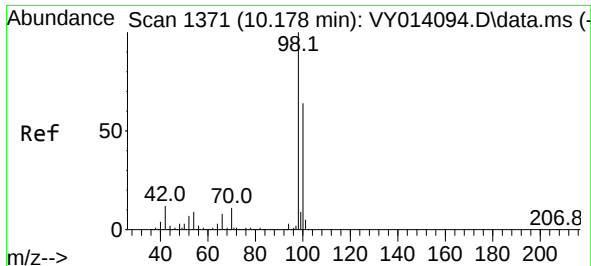
Tgt Ion:	114	Resp:	254294
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	42.4
88	15.9	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 50.380 ug/l
 RT: 7.722 min Scan# 968
 Delta R.T. 0.006 min
 Lab File: VY014441.D
 Acq: 26 Jun 2023 18:01

Tgt Ion:	113	Resp:	79151
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.3	121.9
192	23.1	16.9	25.3

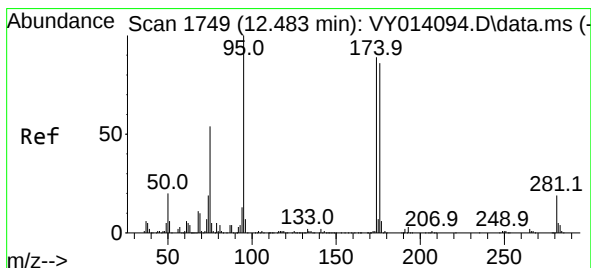
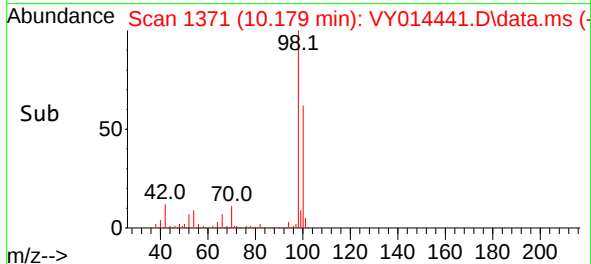
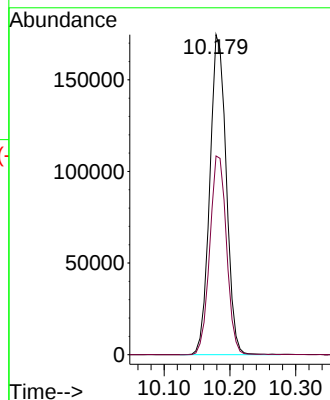
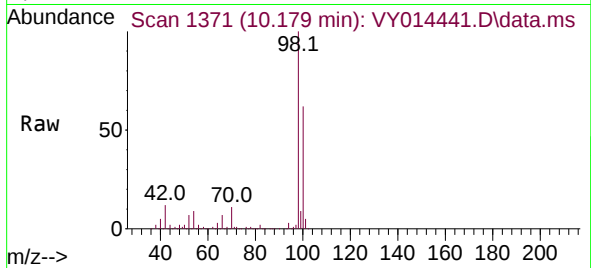




#50
Toluene-d8
Concen: 48.559 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014441.D
Acq: 26 Jun 2023 18:01

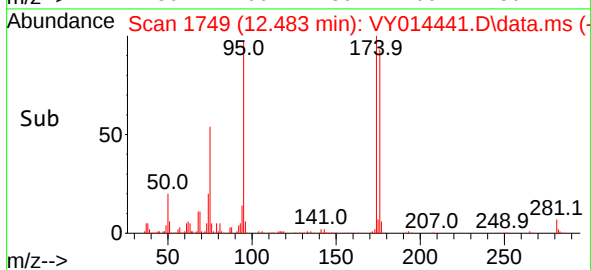
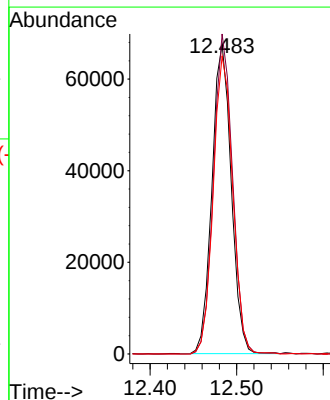
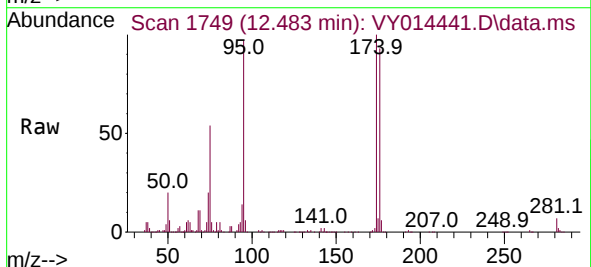
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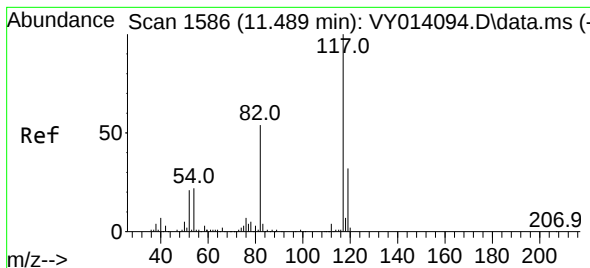
Tgt Ion: 98 Resp: 303262
Ion Ratio Lower Upper
98 100
100 63.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.891 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014441.D
Acq: 26 Jun 2023 18:01

Tgt Ion: 95 Resp: 104547
Ion Ratio Lower Upper
95 100
174 102.6 0.0 178.2
176 97.4 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: VY014441.D

Acq: 26 Jun 2023 18:01

Instrument :

MSVOA_Y

ClientSampleId :

SB-2(8-10)

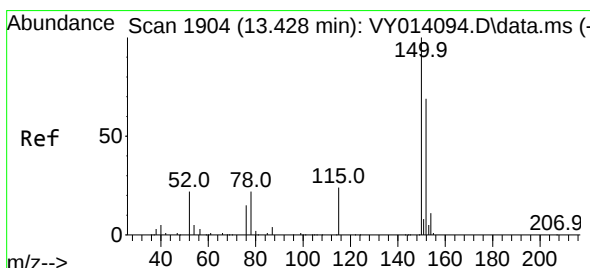
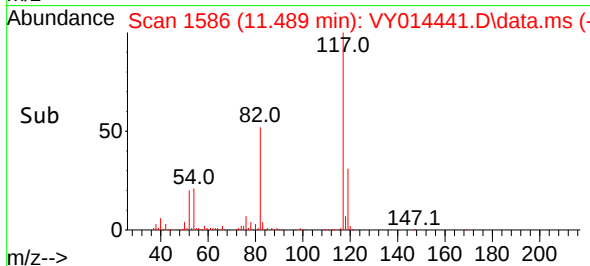
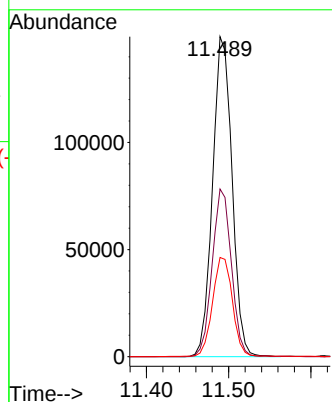
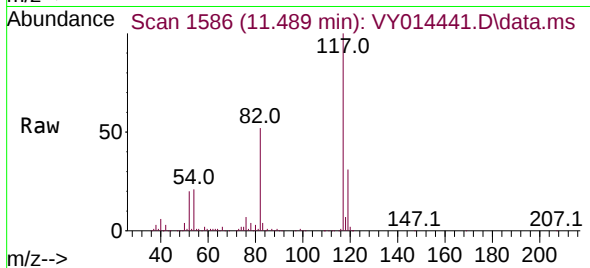
Tgt Ion:117 Resp: 245739

Ion Ratio Lower Upper

117 100

82 52.4 43.4 65.0

119 30.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014441.D

Acq: 26 Jun 2023 18:01

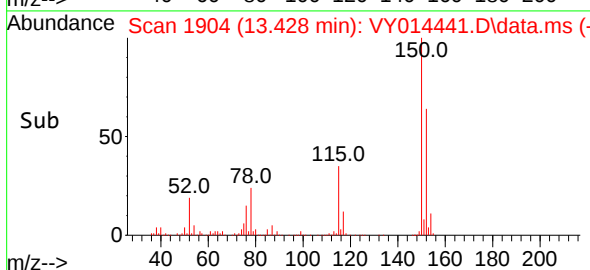
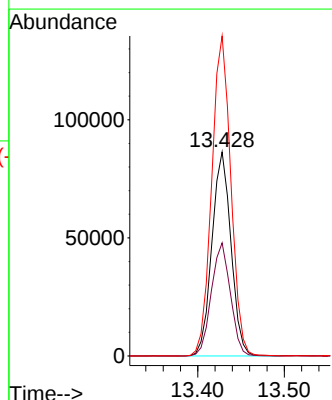
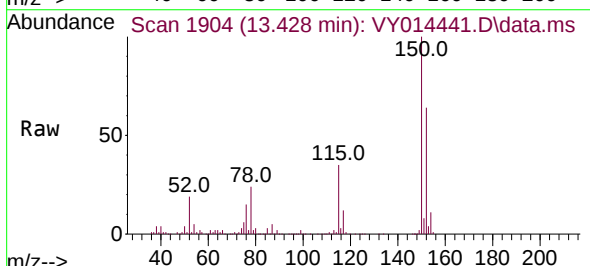
Tgt Ion:152 Resp: 132031

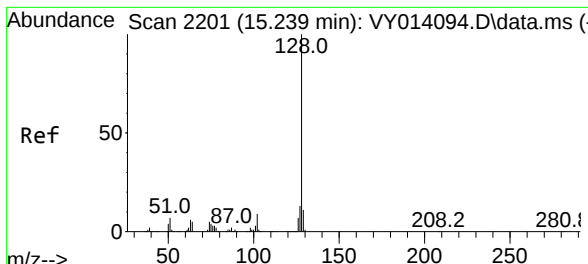
Ion Ratio Lower Upper

152 100

115 55.5 28.8 86.5

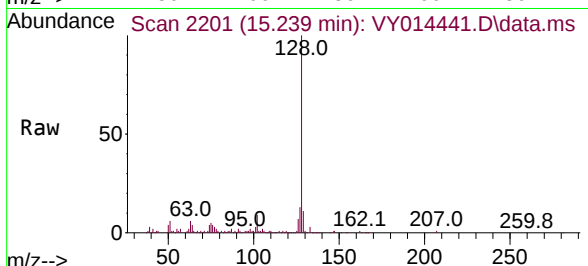
150 157.6 0.0 348.8





#95
Naphthalene
Concen: 16.090 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY014441.D
Acq: 26 Jun 2023 18:01

Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)



Tgt Ion:	128	Resp:	91482
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.8	16.2
129	12.1	8.6	13.0

