

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014443.D
 Acq On : 26 Jun 2023 18:48
 Operator : KP/MD
 Sample : 03375-06
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Jun 27 01:50:57 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)

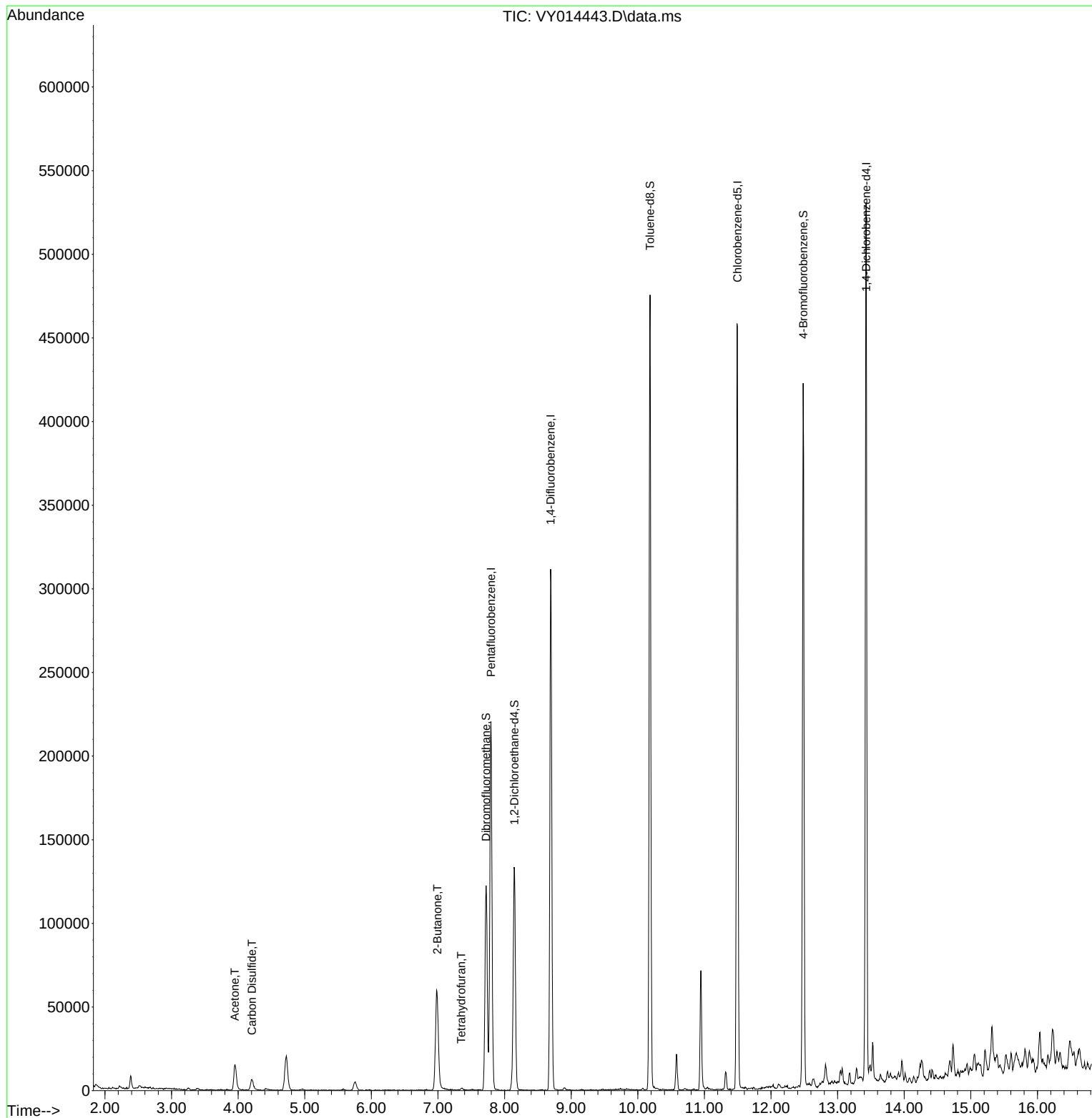
Internal Standards						
1) Pentafluorobenzene	7.795	168	177442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	266399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	255932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	116887	53.056	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.120%	
35) Dibromofluoromethane	7.722	113	82973	50.413	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.820%	
50) Toluene-d8	10.185	98	313229	47.876	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.760%	
62) 4-Bromofluorobenzene	12.483	95	111898	47.907	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.820%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	27101	39.093	ug/l	98
17) Carbon Disulfide	4.204	76	5673	1.121	ug/l	99
25) 2-Butanone	6.990	43	16241	18.809	ug/l	99
29) Tetrahydrofuran	7.350	42	593	1.152	ug/l	94

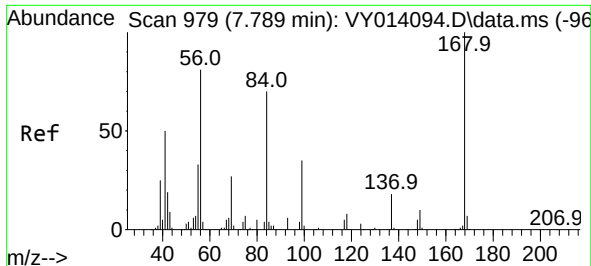
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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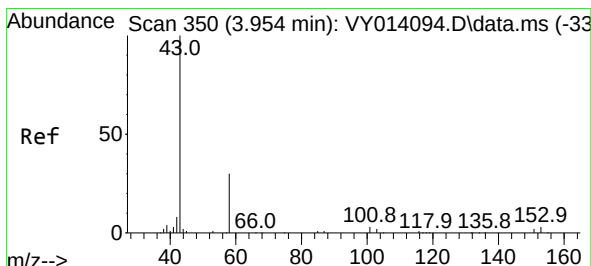
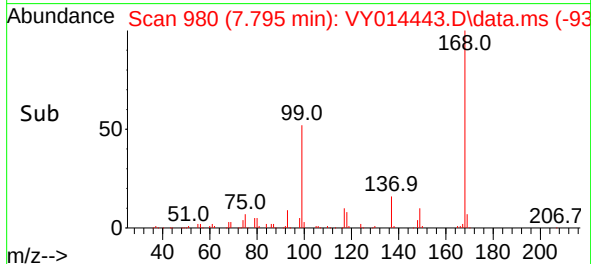
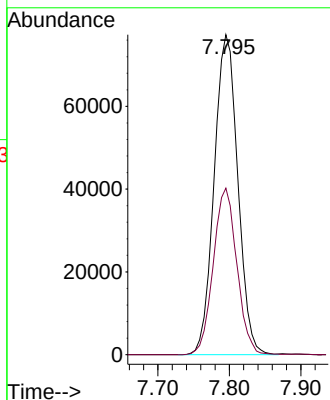
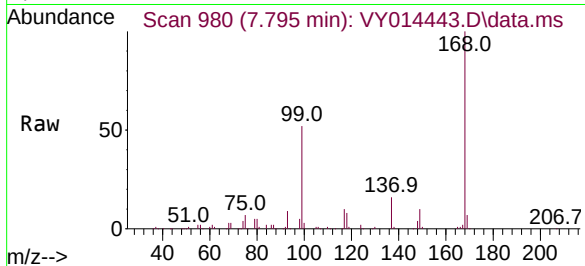




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014443.D
Acq: 26 Jun 2023 18:48

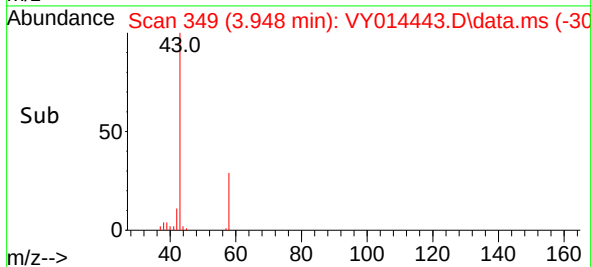
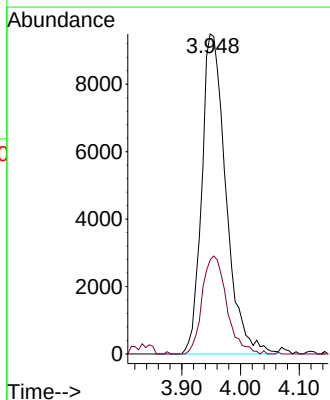
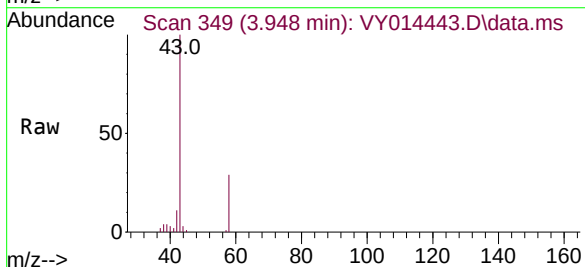
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MSD

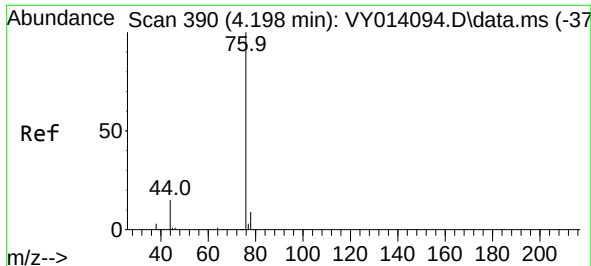
Tgt Ion:168 Resp: 177442
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.0



#16
Acetone
Concen: 39.093 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014443.D
Acq: 26 Jun 2023 18:48

Tgt Ion: 43 Resp: 27101
Ion Ratio Lower Upper
43 100
58 29.4 22.7 34.1

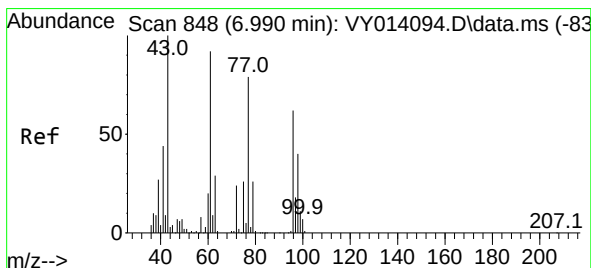
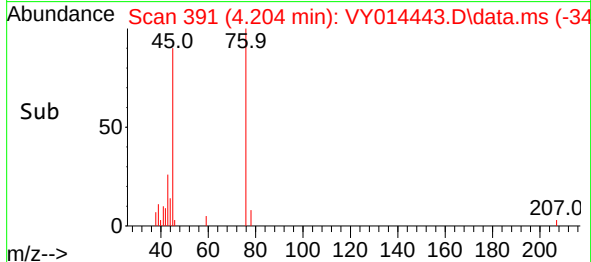
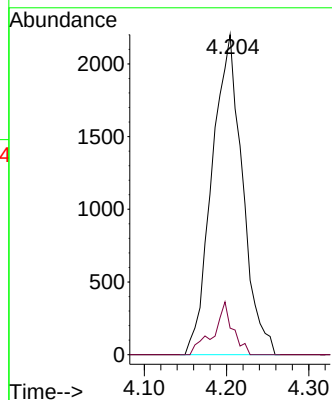
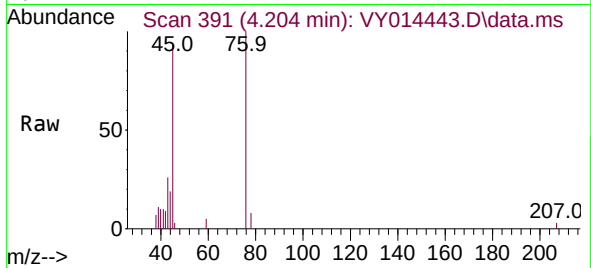




#17
Carbon Disulfide
Concen: 1.121 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY014443.D
Acq: 26 Jun 2023 18:48

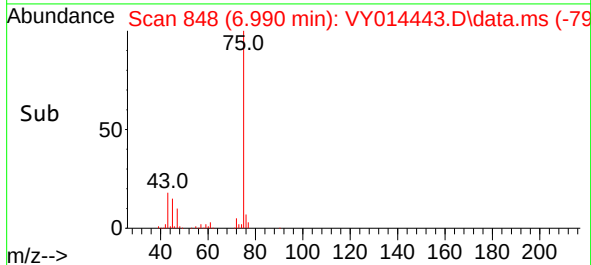
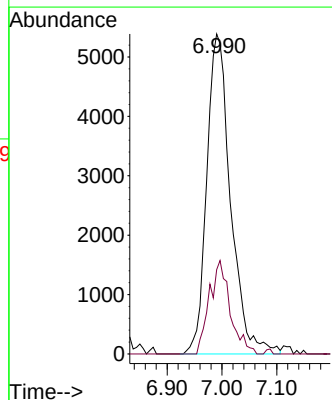
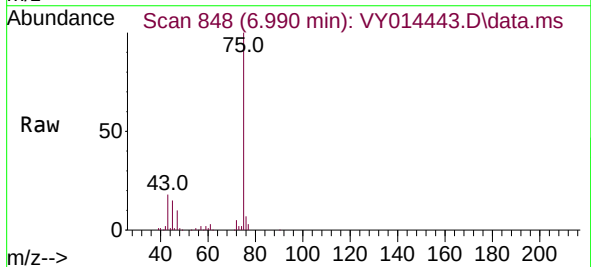
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MSD

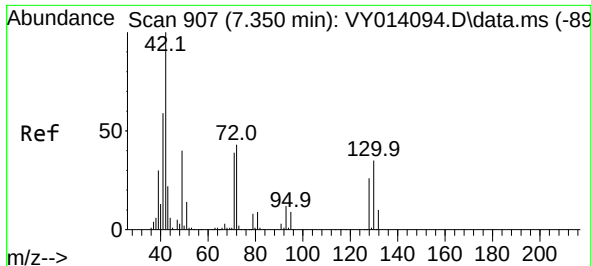
Tgt Ion: 76 Resp: 5673
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.4



#25
2-Butanone
Concen: 18.809 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014443.D
Acq: 26 Jun 2023 18:48

Tgt Ion: 43 Resp: 16241
Ion Ratio Lower Upper
43 100
72 26.3 20.5 30.7





#29

Tetrahydrofuran

Concen: 1.152 ug/l

RT: 7.350 min Scan# 90

Delta R.T. 0.000 min

Lab File: VY014443.D

Acq: 26 Jun 2023 18:48

Instrument :

MSVOA_Y

ClientSampleId :

SB-2(8-10)MSD

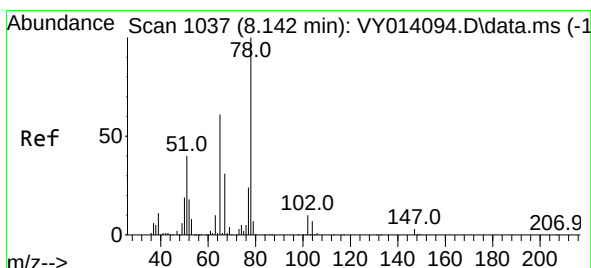
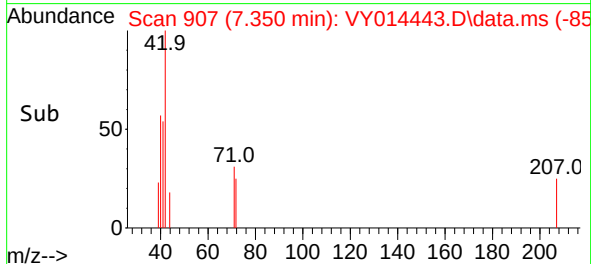
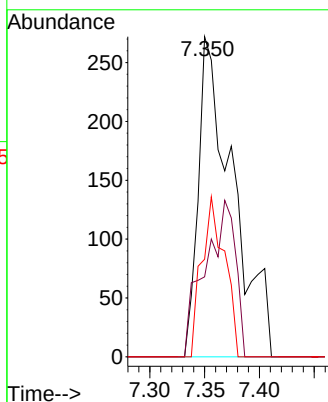
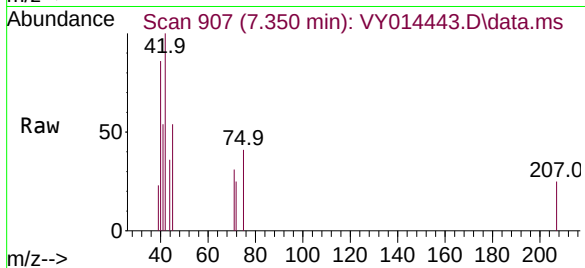
Tgt Ion: 42 Resp: 593

Ion Ratio Lower Upper

42 100

72 43.3 32.8 49.2

71 33.4 31.0 46.4



#33

1,2-Dichloroethane-d4

Concen: 53.056 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.007 min

Lab File: VY014443.D

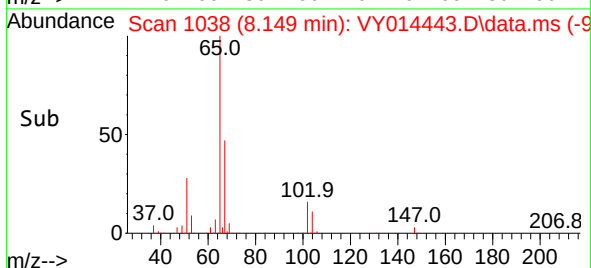
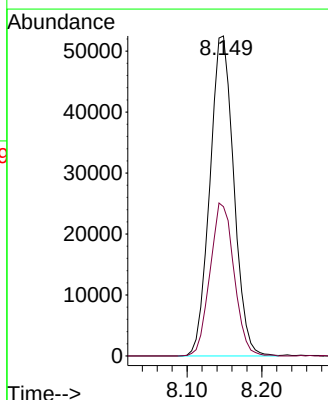
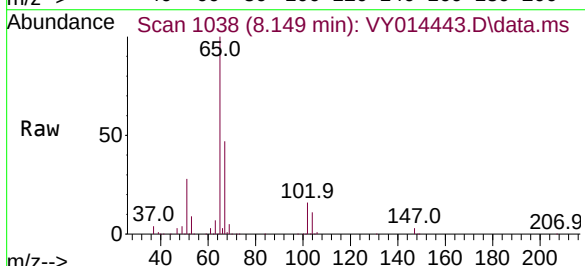
Acq: 26 Jun 2023 18:48

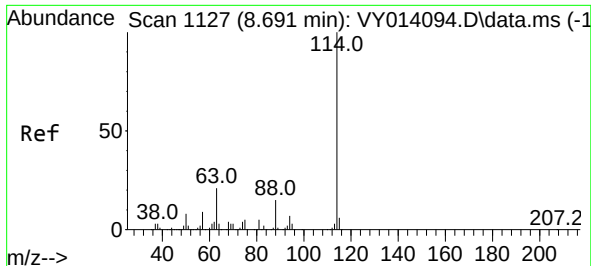
Tgt Ion: 65 Resp: 116887

Ion Ratio Lower Upper

65 100

67 48.0 0.0 101.8

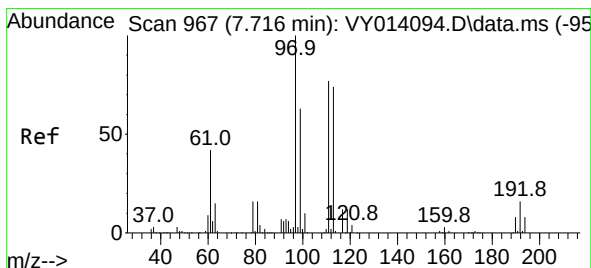
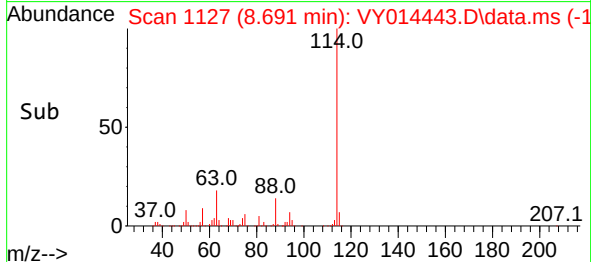
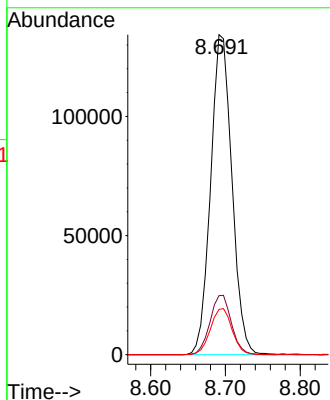
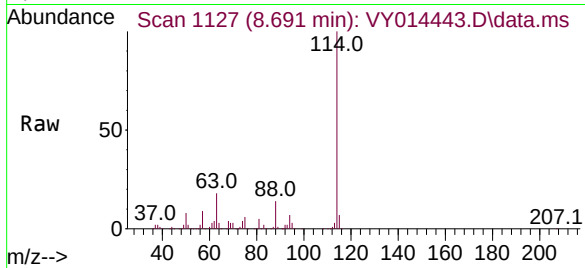




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014443.D
Acq: 26 Jun 2023 18:48

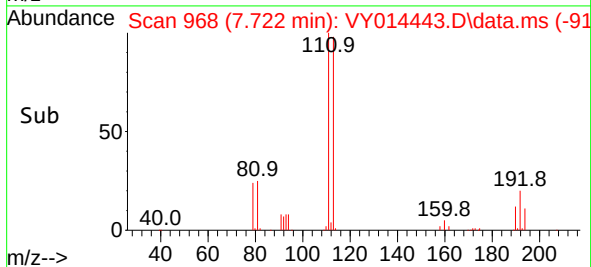
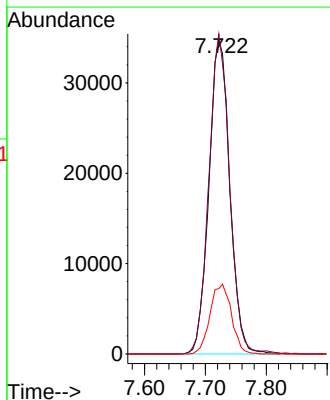
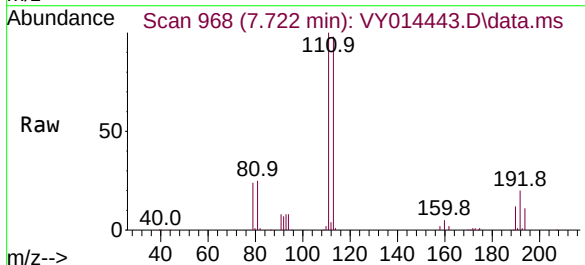
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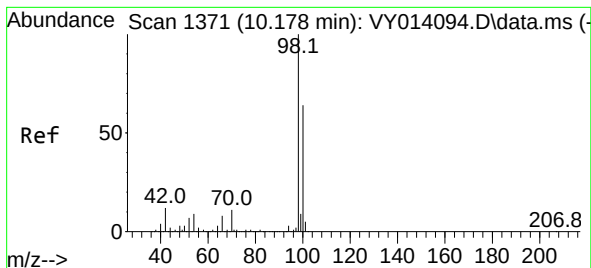
Tgt Ion:	114	Resp:	266399
Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	42.4
88	14.2	0.0	30.6



#35
Dibromofluoromethane
Concen: 50.413 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014443.D
Acq: 26 Jun 2023 18:48

Tgt Ion:	113	Resp:	82973
Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.3	121.9
192	22.8	16.9	25.3

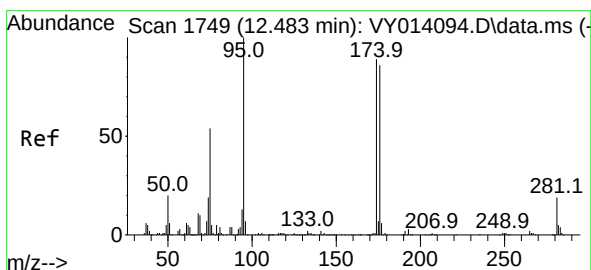
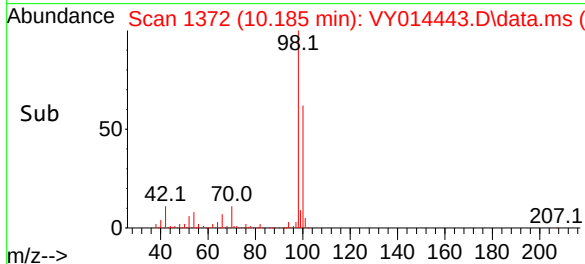
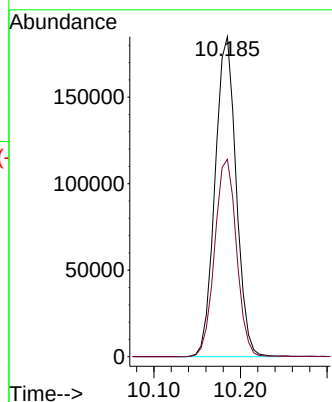
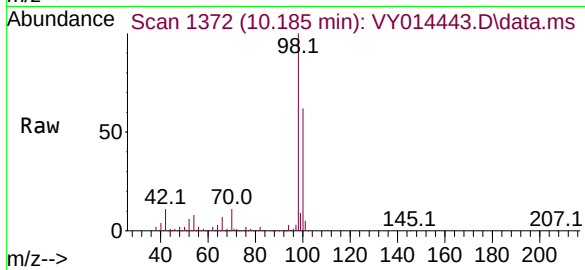




#50
Toluene-d8
Concen: 47.876 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014443.D
Acq: 26 Jun 2023 18:48

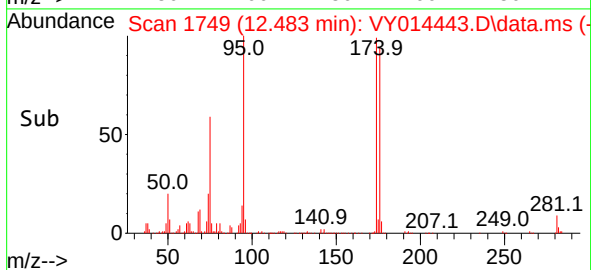
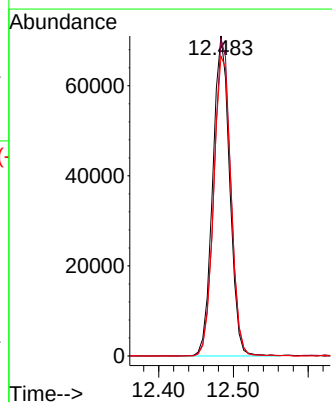
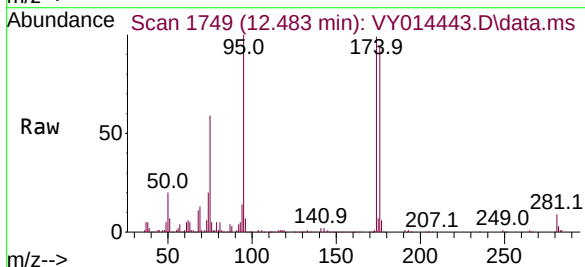
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MSD

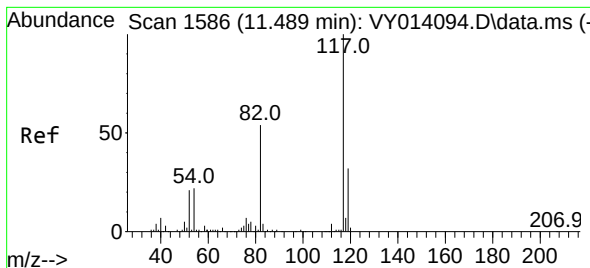
Tgt Ion: 98 Resp: 313229
Ion Ratio Lower Upper
98 100
100 63.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.907 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014443.D
Acq: 26 Jun 2023 18:48

Tgt Ion: 95 Resp: 111898
Ion Ratio Lower Upper
95 100
174 98.2 0.0 178.2
176 95.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY014443.D

Acq: 26 Jun 2023 18:48

Instrument :

MSVOA_Y

ClientSampleId :

SB-2(8-10)MSD

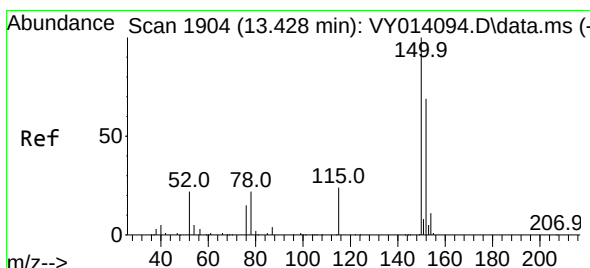
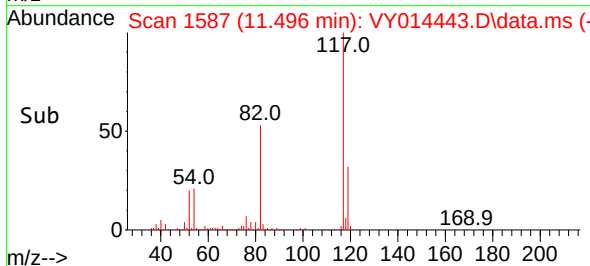
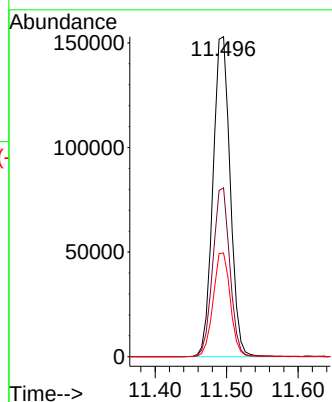
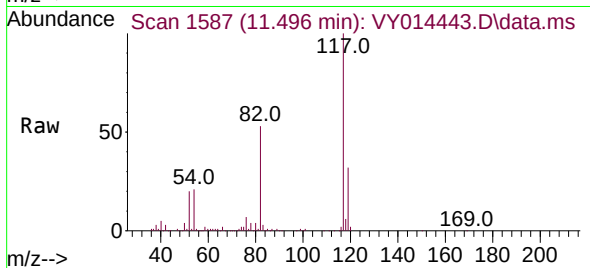
Tgt Ion:117 Resp: 255932

Ion Ratio Lower Upper

117 100

82 52.7 43.4 65.0

119 32.4 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: VY014443.D

Acq: 26 Jun 2023 18:48

Tgt Ion:152 Resp: 136140

Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 156.1 0.0 348.8

