

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092223\
 Data File : VY015691.D
 Acq On : 22 Sep 2023 17:51
 Operator : SY/MD
 Sample : 04566-01
 Misc : 4.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CPT102-09(9.5-10)

Quant Time: Sep 22 22:59:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

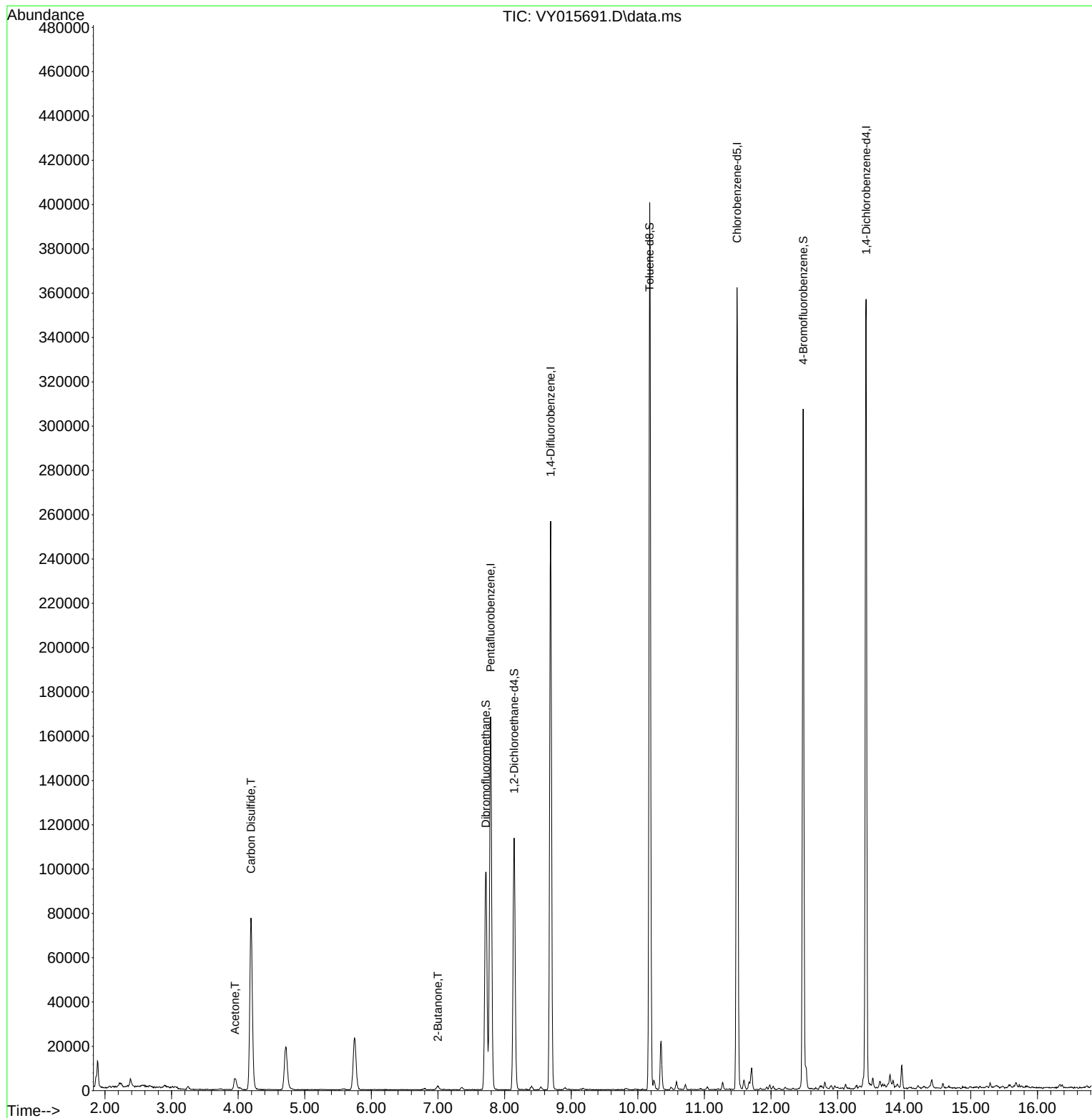
Internal Standards						
1) Pentafluorobenzene	7.789	168	128919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	222162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	203497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	86884	61.252	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.500%
35) Dibromofluoromethane	7.716	113	70441	52.974	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.940%
50) Toluene-d8	10.179	98	259495	57.556	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.120%
62) 4-Bromofluorobenzene	12.483	95	87962	49.715	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.440%
Target Compounds						
						Qvalue
16) Acetone	3.954	43	10187	13.420	ug/l	99
17) Carbon Disulfide	4.192	76	158878	72.108	ug/l	99
25) 2-Butanone	6.996	43	2880	2.684	ug/l	90

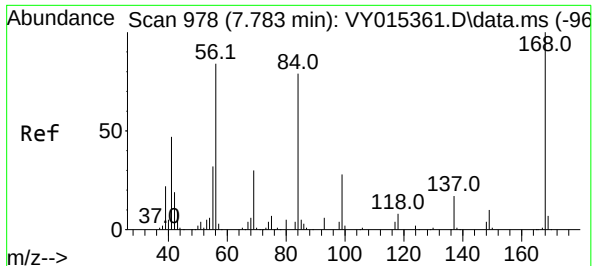
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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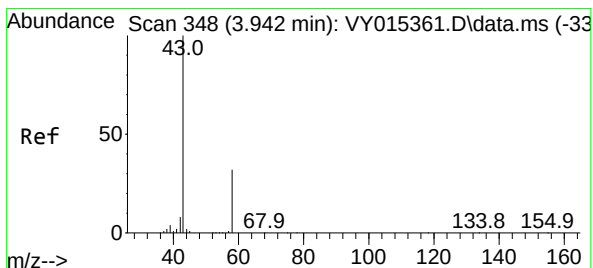
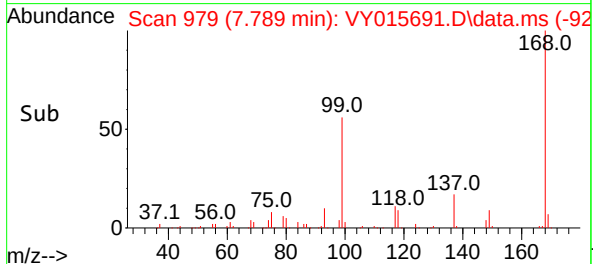
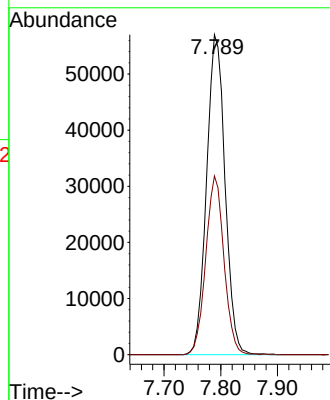
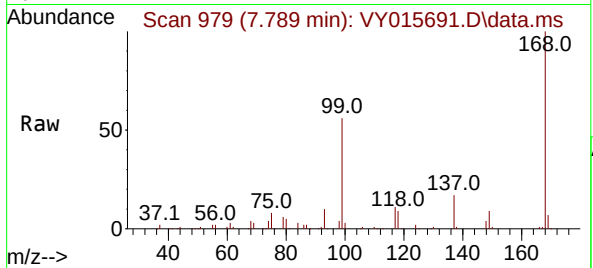




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015691.D
Acq: 22 Sep 2023 17:51

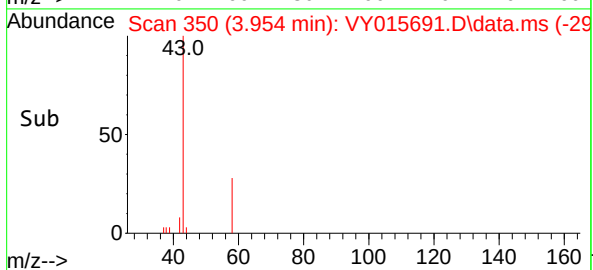
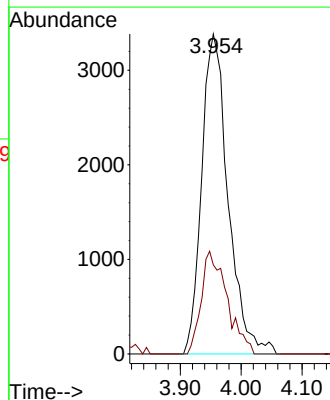
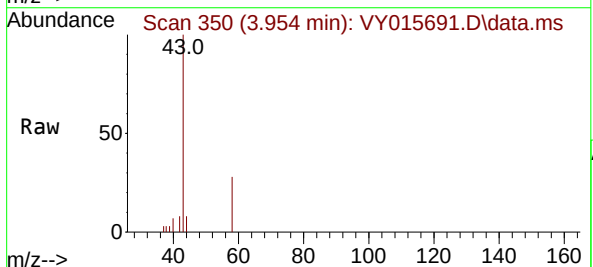
Instrument :
MSVOA_Y
ClientSampleId :
CPT102-09(9.5-10)

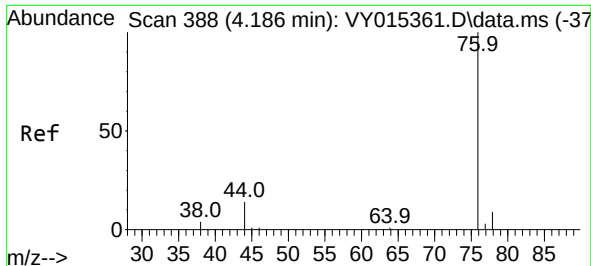
Tgt Ion:168 Resp: 128919
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#16
Acetone
Concen: 13.420 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015691.D
Acq: 22 Sep 2023 17:51

Tgt Ion: 43 Resp: 10187
Ion Ratio Lower Upper
43 100
58 27.9 22.7 34.1

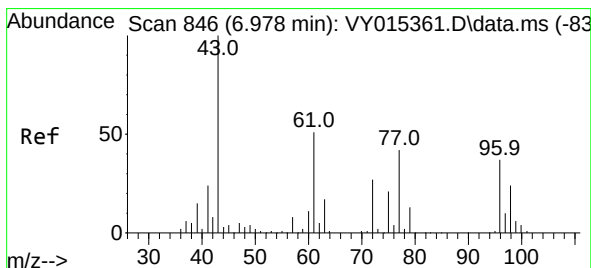
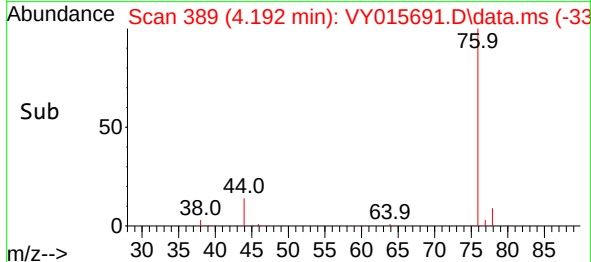
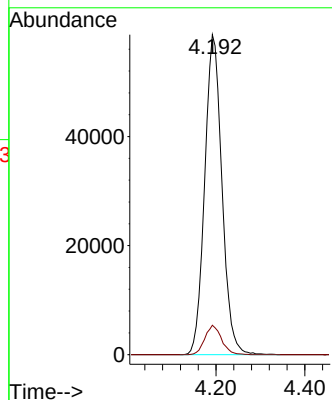
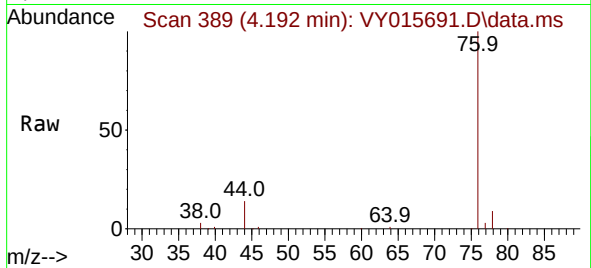




#17
Carbon Disulfide
Concen: 72.108 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015691.D
Acq: 22 Sep 2023 17:51

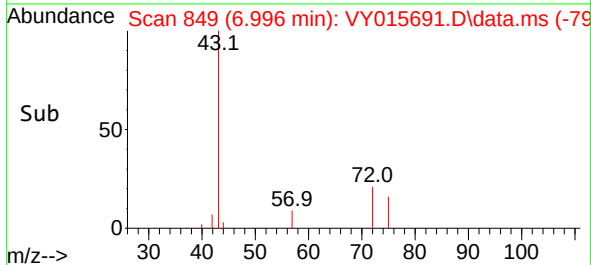
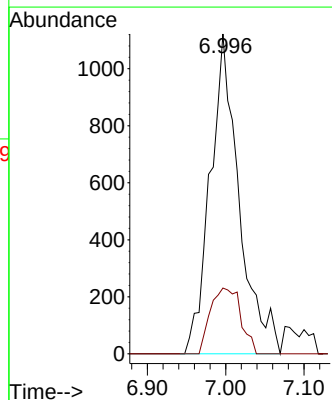
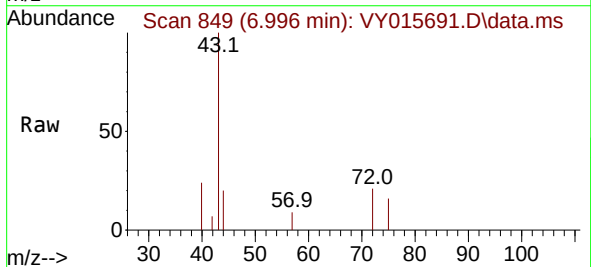
Instrument :
MSVOA_Y
ClientSampleId :
CPT102-09(9.5-10)

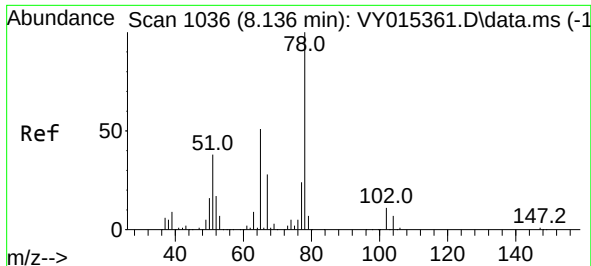
Tgt Ion: 76 Resp: 158878
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#25
2-Butanone
Concen: 2.684 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.018 min
Lab File: VY015691.D
Acq: 22 Sep 2023 17:51

Tgt Ion: 43 Resp: 2880
Ion Ratio Lower Upper
43 100
72 20.6 20.5 30.7

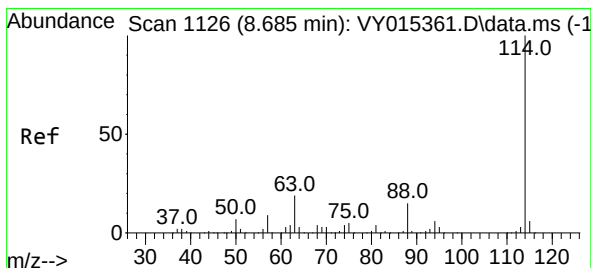
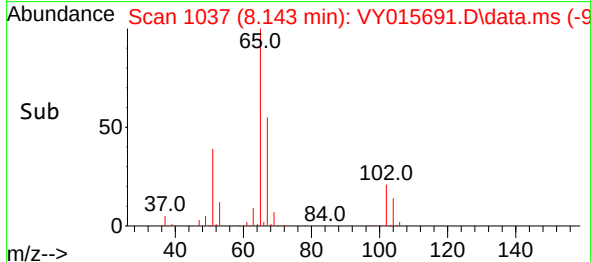
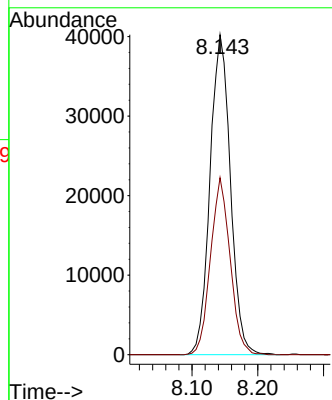
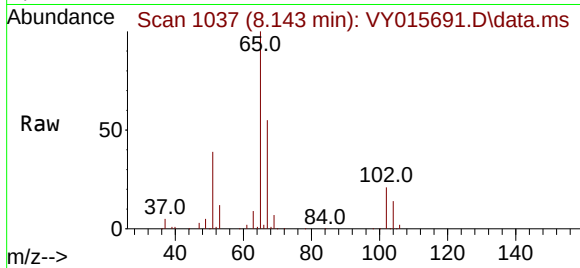




#33
 1,2-Dichloroethane-d4
 Concen: 61.252 ug/l
 RT: 8.143 min Scan# 1107
 Delta R.T. 0.007 min
 Lab File: VY015691.D
 Acq: 22 Sep 2023 17:51

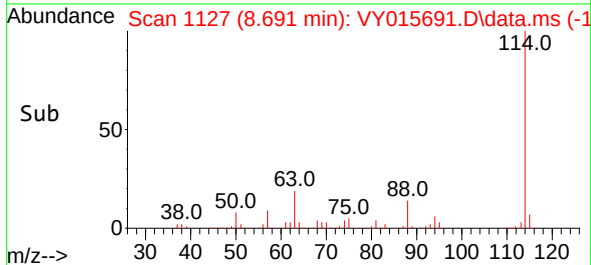
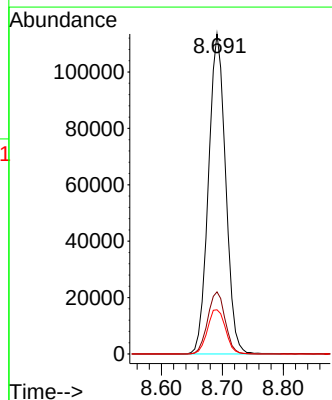
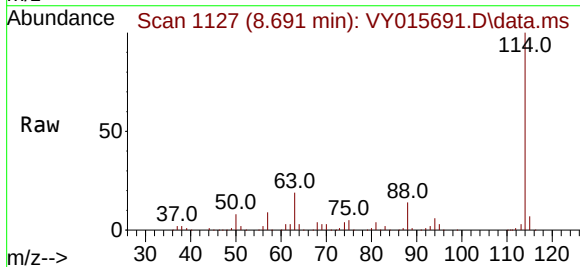
Instrument :
 MSVOA_Y
 ClientSampleId :
 CPT102-09(9.5-10)

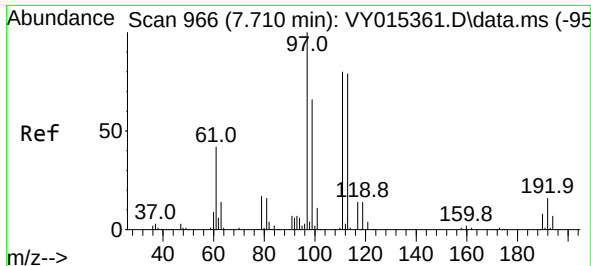
Tgt Ion: 65 Resp: 86884
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY015691.D
 Acq: 22 Sep 2023 17:51

Tgt Ion: 114 Resp: 222162
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.4
 88 13.8 0.0 30.6

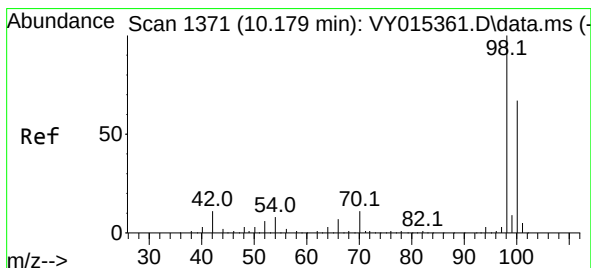
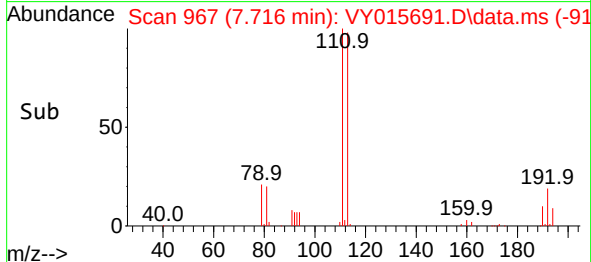
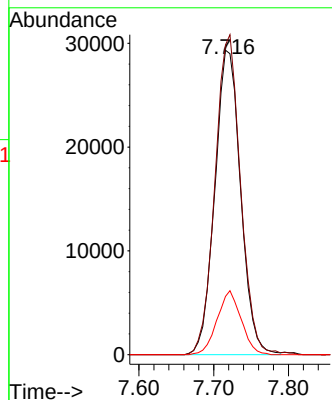
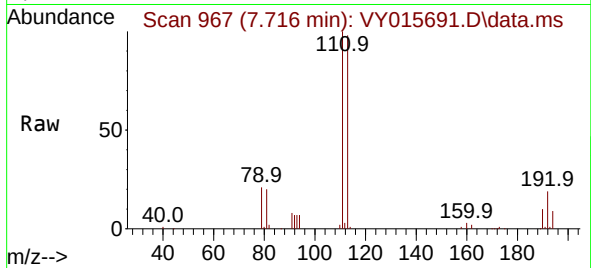




#35
Dibromofluoromethane
Concen: 52.974 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015691.D
Acq: 22 Sep 2023 17:51

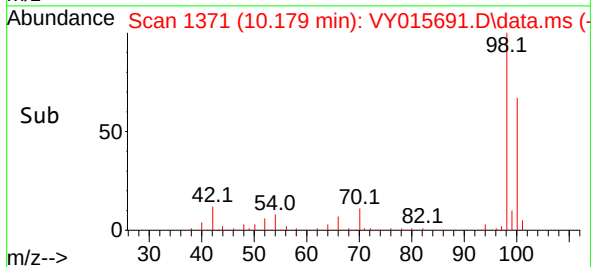
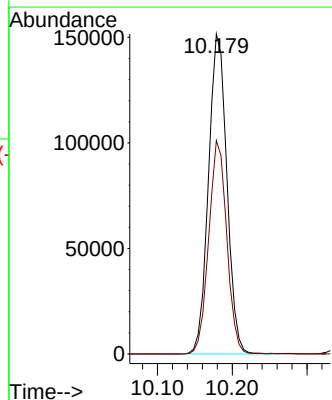
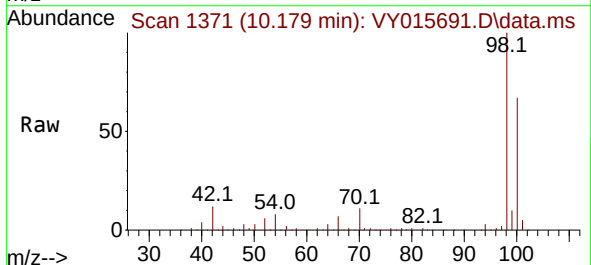
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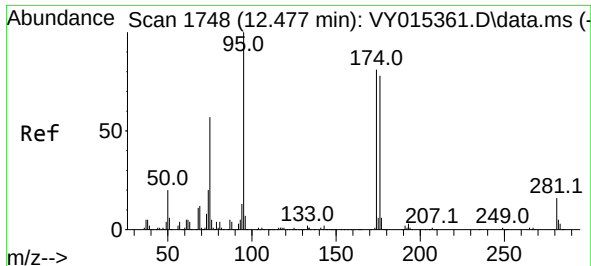
Tgt Ion:113 Resp: 70441
Ion Ratio Lower Upper
113 100
111 104.1 81.3 121.9
192 19.6 16.9 25.3



#50
Toluene-d8
Concen: 57.556 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015691.D
Acq: 22 Sep 2023 17:51

Tgt Ion: 98 Resp: 259495
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

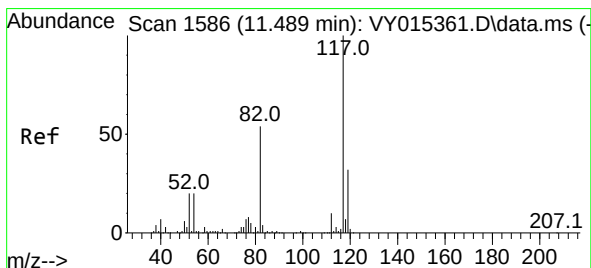
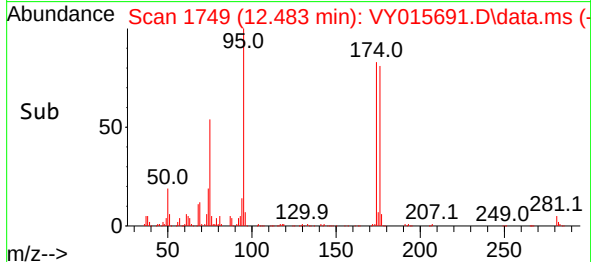
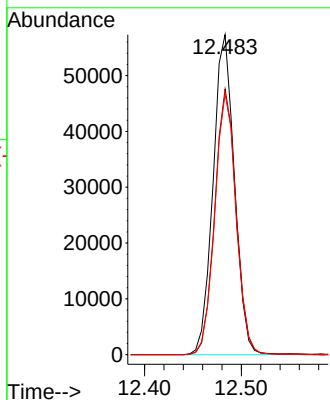
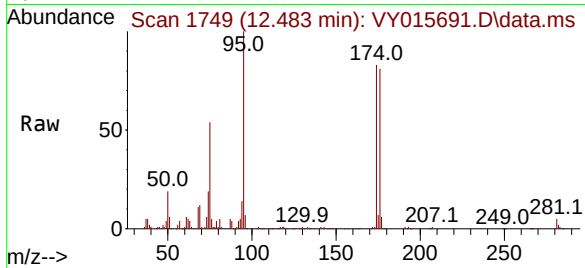




#62
4-Bromofluorobenzene
Concen: 49.715 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015691.D
Acq: 22 Sep 2023 17:51

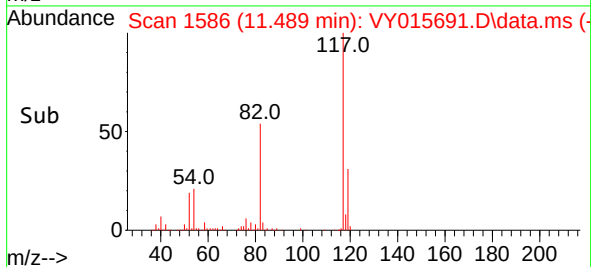
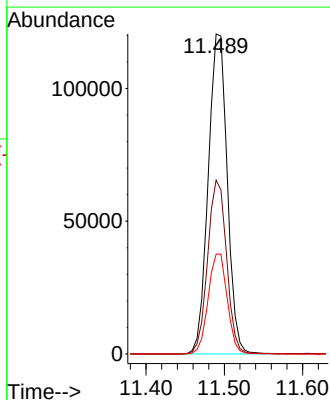
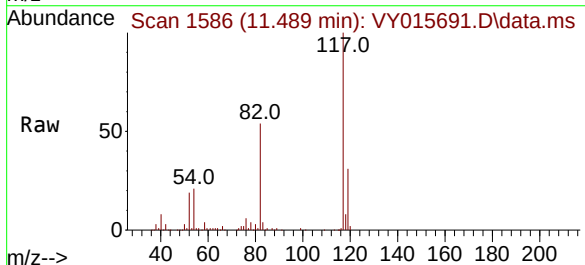
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CPT102-09(9.5-10)

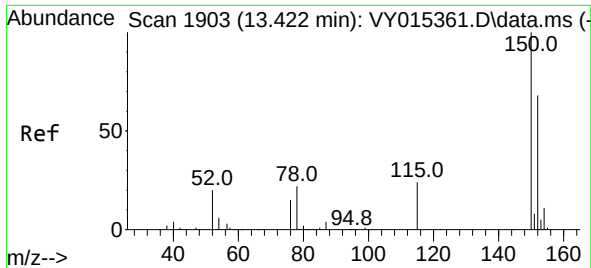
Tgt Ion: 95 Resp: 87962
Ion Ratio Lower Upper
95 100
174 83.2 0.0 178.2
176 81.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015691.D
Acq: 22 Sep 2023 17:51

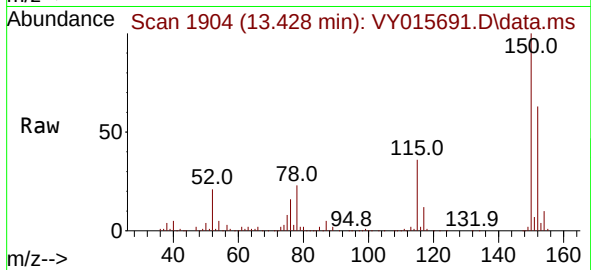
Tgt Ion: 117 Resp: 203497
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 31.2 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY015691.D
 Acq: 22 Sep 2023 17:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 CPT102-09(9.5-10)



Tgt Ion:152 Resp: 94086
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.8 86.5
 150 155.5 0.0 348.8

