

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092223\
 Data File : VY015690.D
 Acq On : 22 Sep 2023 17:28
 Operator : SY/MD
 Sample : 04566-03
 Misc : 3.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CPT102-06(8.5-9)

Quant Time: Sep 22 22:58:43 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)

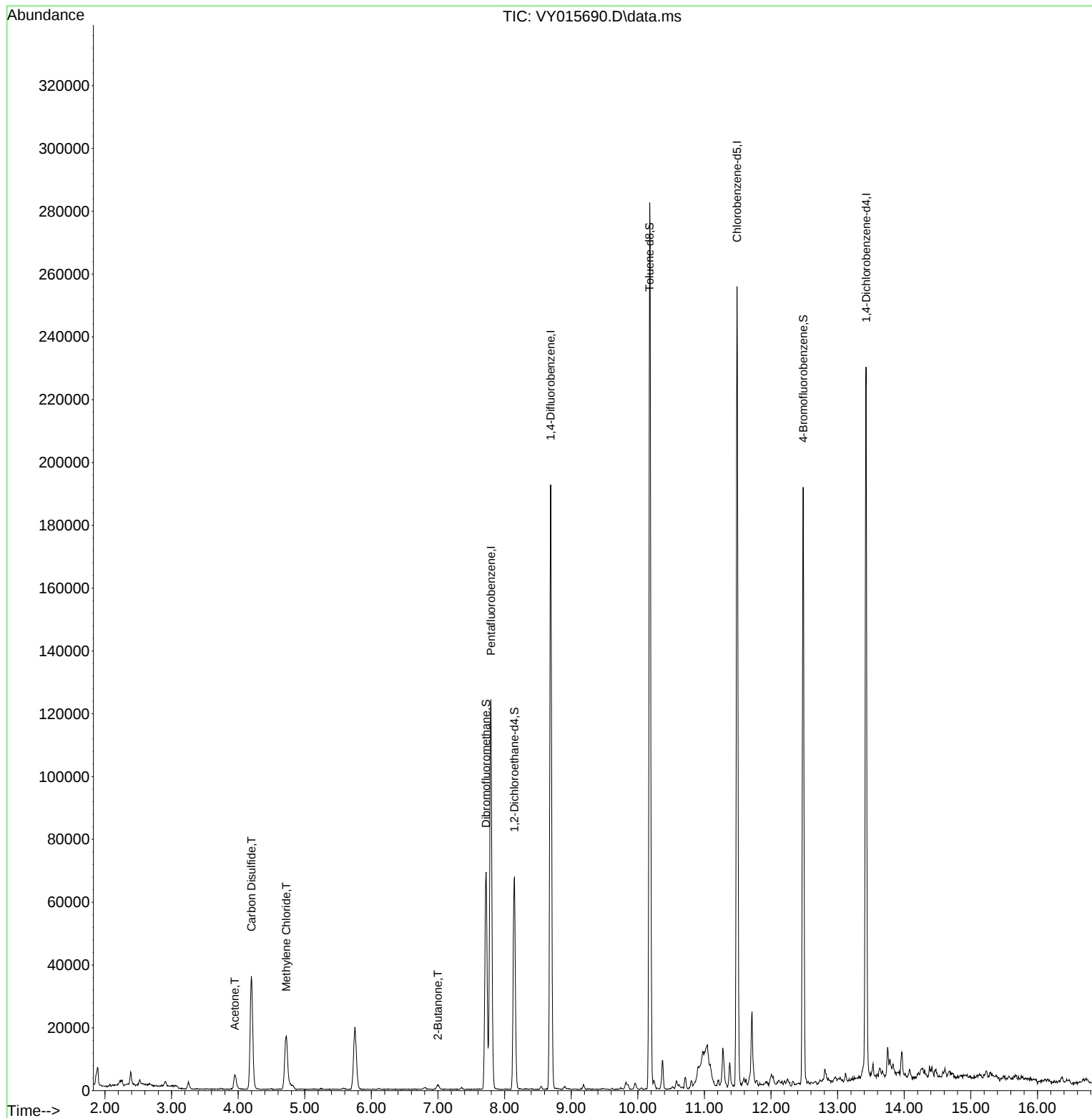
Internal Standards						
1) Pentafluorobenzene	7.795	168	97384	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	159065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	139660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	53314	49.757	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.520%
35) Dibromofluoromethane	7.722	113	49807	52.315	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.640%
50) Toluene-d8	10.179	98	187034	57.940	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.880%
62) 4-Bromofluorobenzene	12.483	95	56809	44.844	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.680%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	8315	14.501	ug/l	97
17) Carbon Disulfide	4.198	76	74520	44.773	ug/l	100
20) Methylene Chloride	4.722	84	12957	6.065	ug/l	90
25) 2-Butanone	6.996	43	2324	2.867	ug/l	91

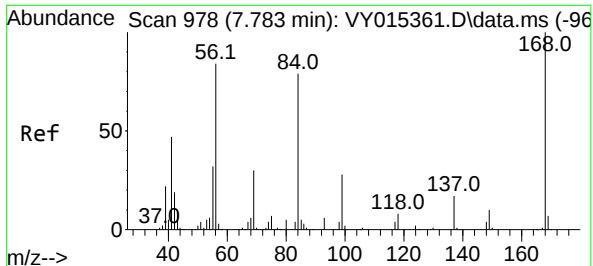
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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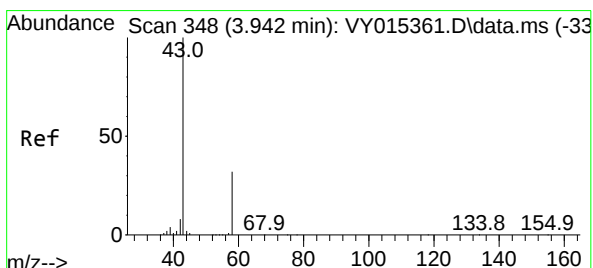
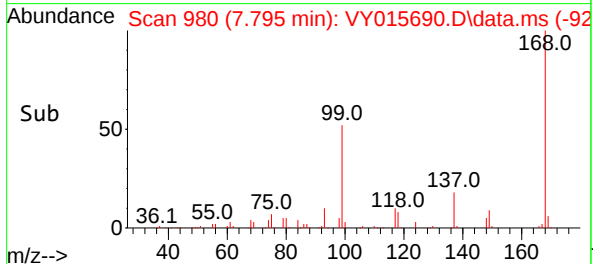
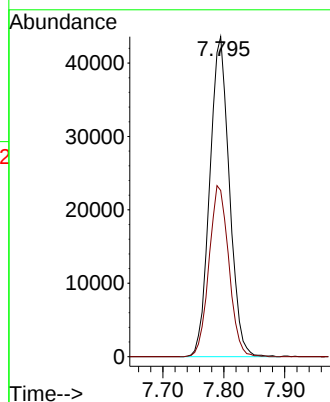
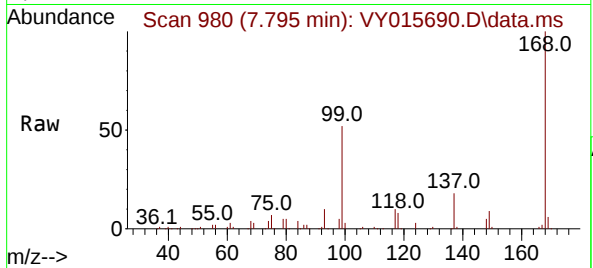




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015690.D
Acq: 22 Sep 2023 17:28

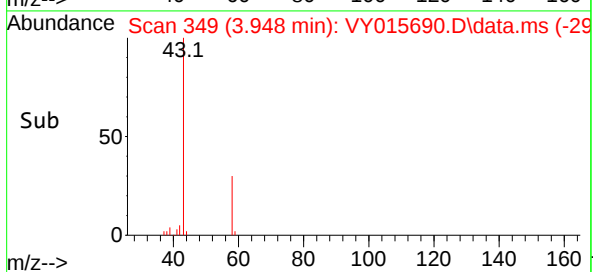
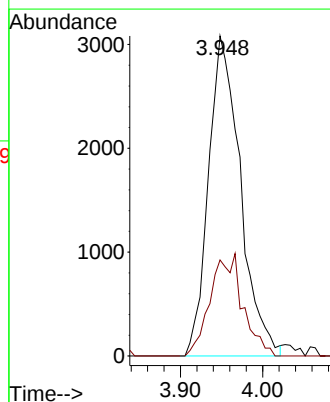
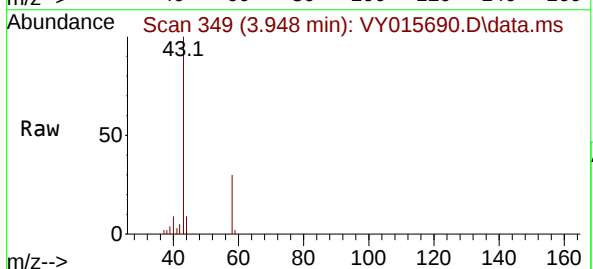
Instrument :
MSVOA_Y
ClientSampleId :
CPT102-06(8.5-9)

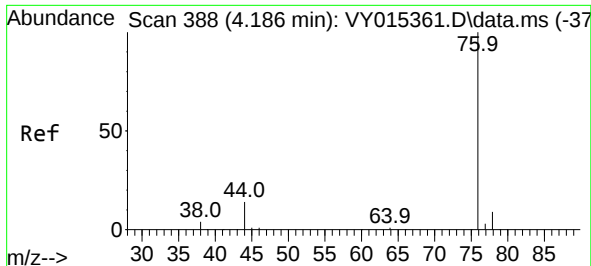
Tgt Ion:168 Resp: 97384
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.0



#16
Acetone
Concen: 14.501 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015690.D
Acq: 22 Sep 2023 17:28

Tgt Ion: 43 Resp: 8315
Ion Ratio Lower Upper
43 100
58 30.0 22.7 34.1

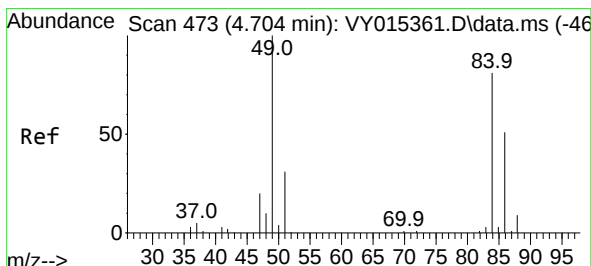
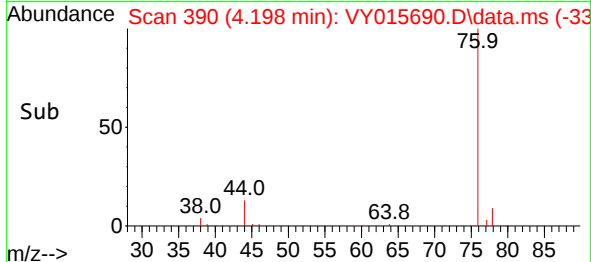
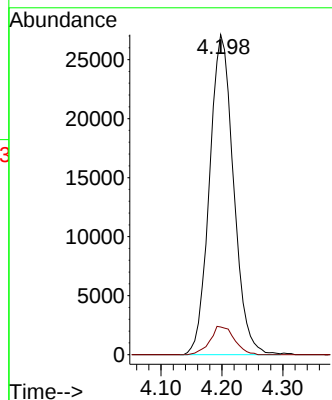
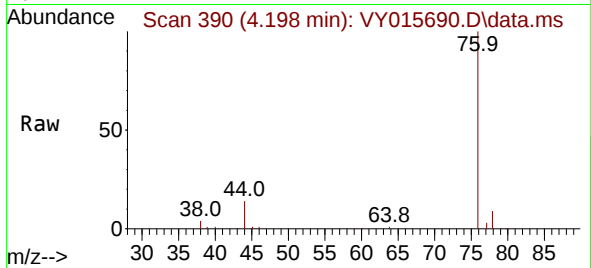




#17
Carbon Disulfide
Concen: 44.773 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY015690.D
Acq: 22 Sep 2023 17:28

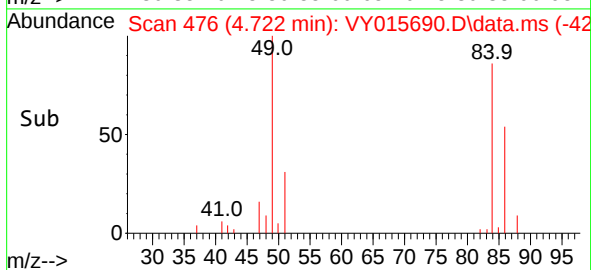
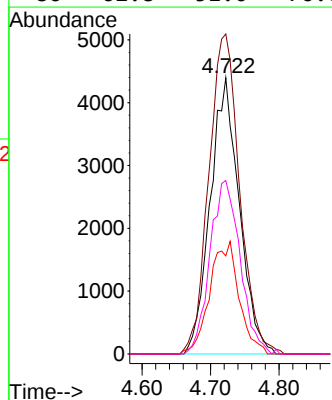
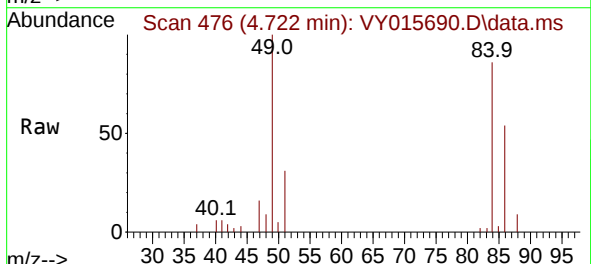
Instrument :
MSVOA_Y
ClientSampleId :
CPT102-06(8.5-9)

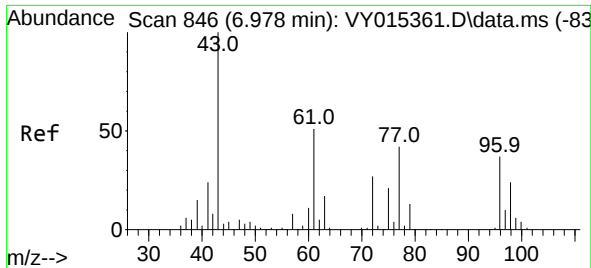
Tgt Ion: 76 Resp: 74520
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#20
Methylene Chloride
Concen: 6.065 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.018 min
Lab File: VY015690.D
Acq: 22 Sep 2023 17:28

Tgt Ion: 84 Resp: 12957
Ion Ratio Lower Upper
84 100
49 115.9 106.9 160.3
51 35.5 33.2 49.8
86 62.8 51.0 76.6

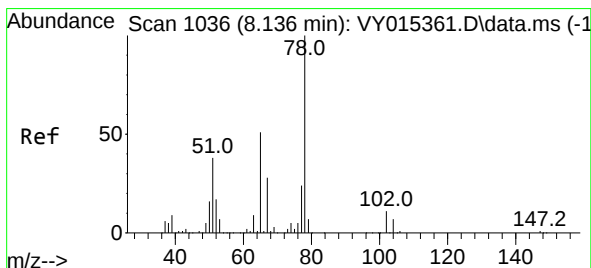
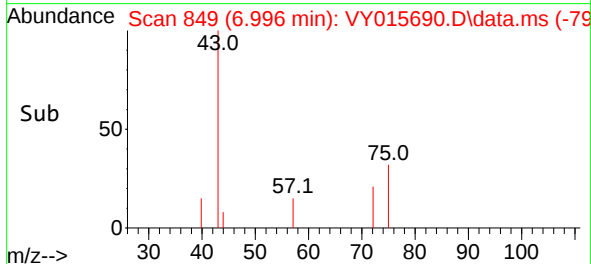
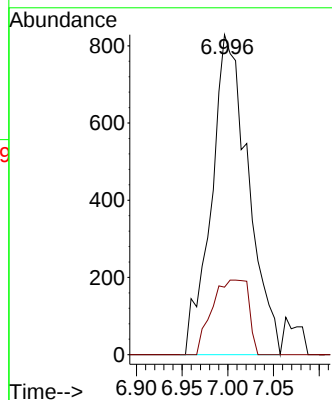
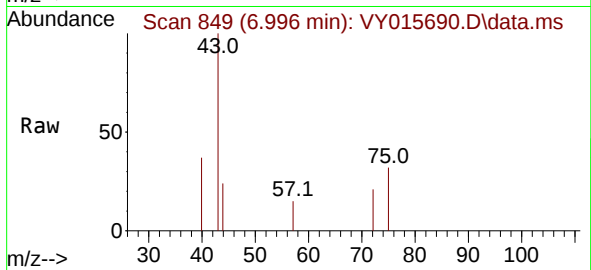




#25
2-Butanone
Concen: 2.867 ug/l
RT: 6.996 min Scan# 846
Delta R.T. 0.018 min
Lab File: VY015690.D
Acq: 22 Sep 2023 17:28

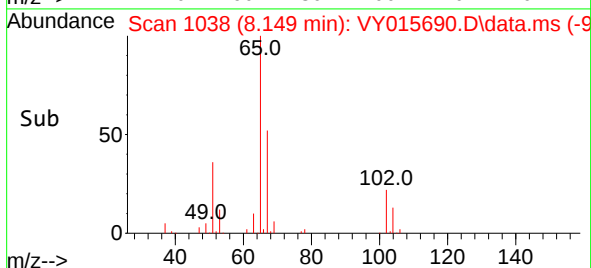
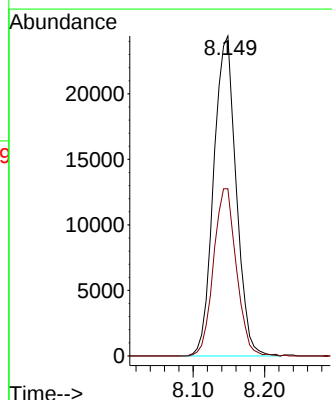
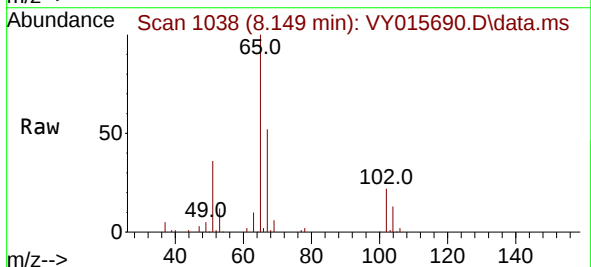
Instrument :
MSVOA_Y
ClientSampleId :
CPT102-06(8.5-9)

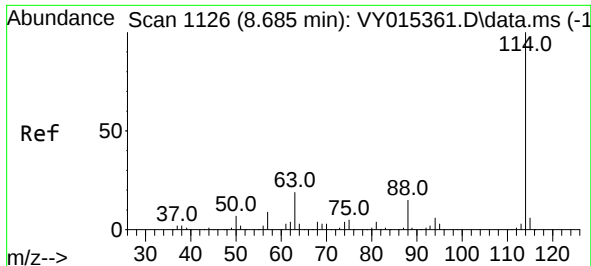
Tgt Ion: 43 Resp: 2324
Ion Ratio Lower Upper
43 100
72 21.1 20.5 30.7



#33
1,2-Dichloroethane-d4
Concen: 49.757 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY015690.D
Acq: 22 Sep 2023 17:28

Tgt Ion: 65 Resp: 53314
Ion Ratio Lower Upper
65 100
67 53.2 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: VY015690.D

Acq: 22 Sep 2023 17:28

Instrument :

MSVOA_Y

ClientSampleId :

CPT102-06(8.5-9)

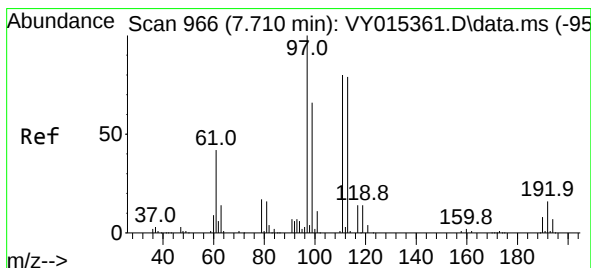
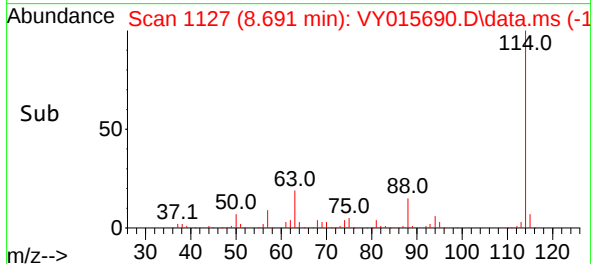
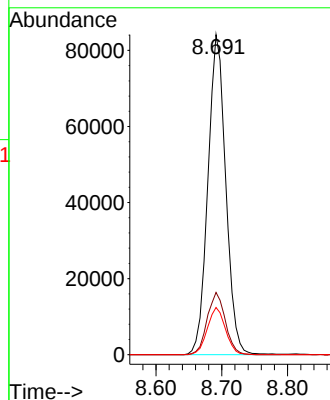
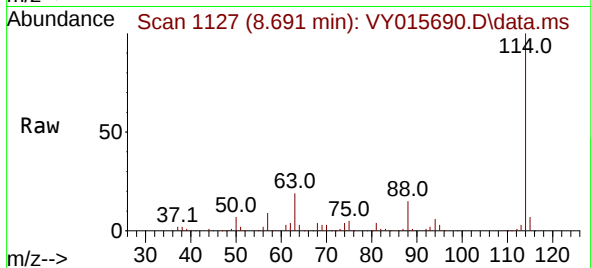
Tgt Ion:114 Resp: 159065

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.315 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015690.D

Acq: 22 Sep 2023 17:28

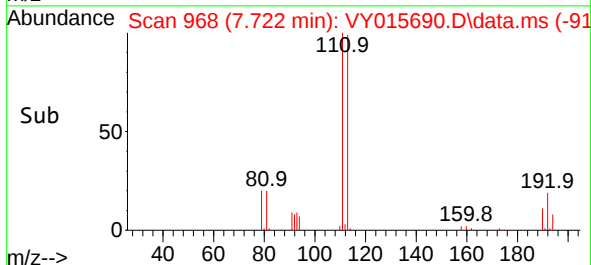
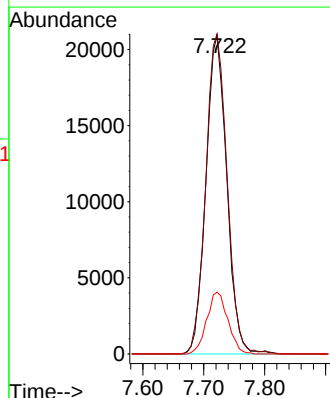
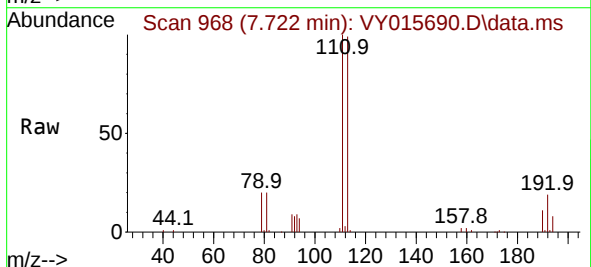
Tgt Ion:113 Resp: 49807

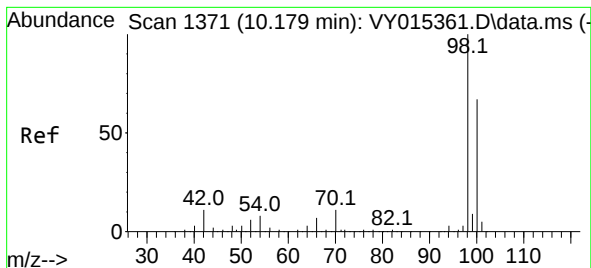
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 19.6 16.9 25.3

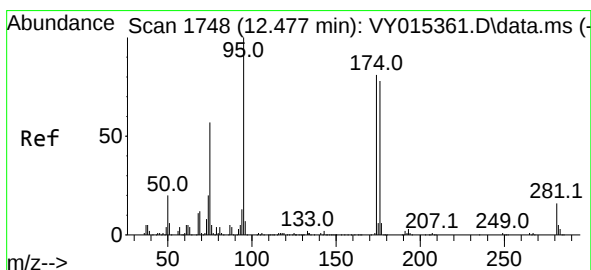
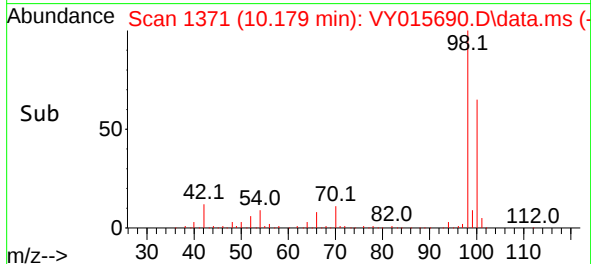
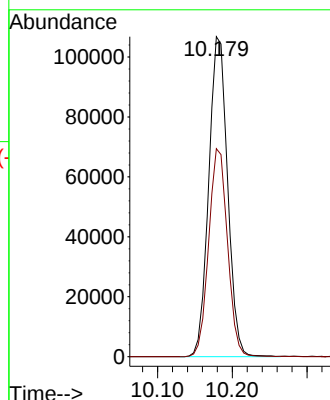
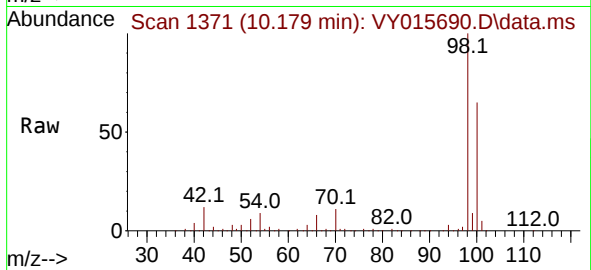




#50
Toluene-d8
Concen: 57.940 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015690.D
Acq: 22 Sep 2023 17:28

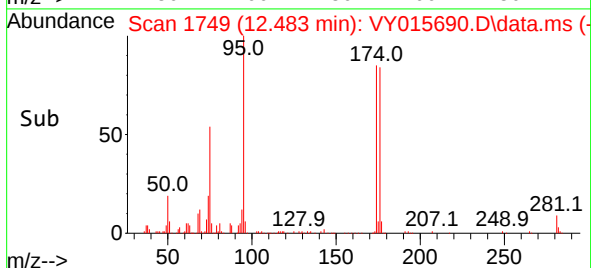
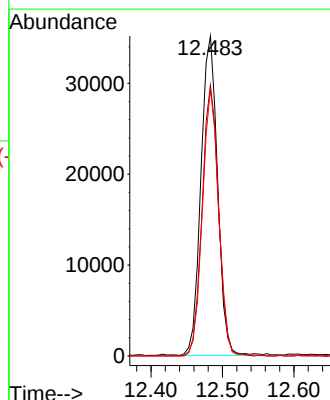
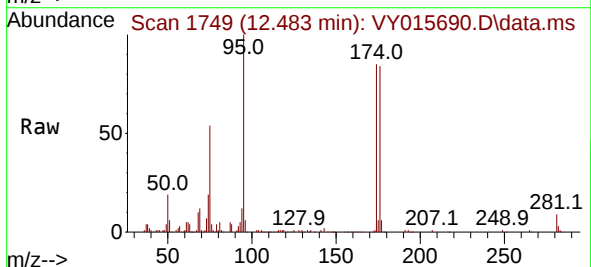
Instrument :
MSVOA_Y
ClientSampleId :
CPT102-06(8.5-9)

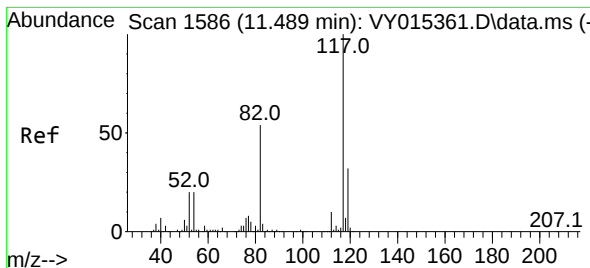
Tgt Ion: 98 Resp: 187034
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.844 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015690.D
Acq: 22 Sep 2023 17:28

Tgt Ion: 95 Resp: 56809
Ion Ratio Lower Upper
95 100
174 83.6 0.0 178.2
176 81.6 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: VY015690.D

Acq: 22 Sep 2023 17:28

Instrument :

MSVOA_Y

ClientSampleId :

CPT102-06(8.5-9)

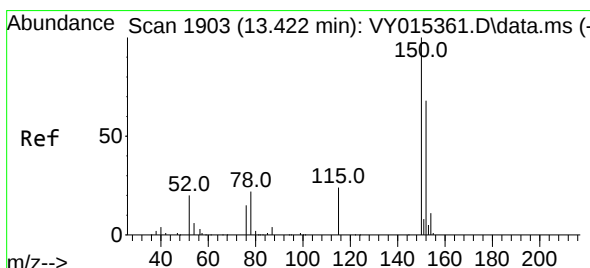
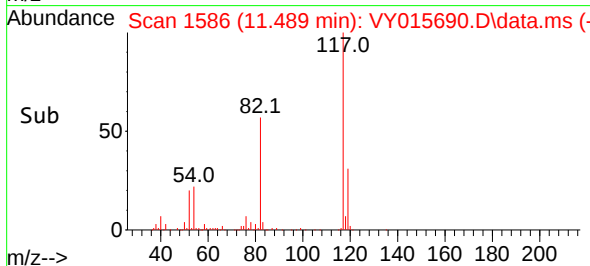
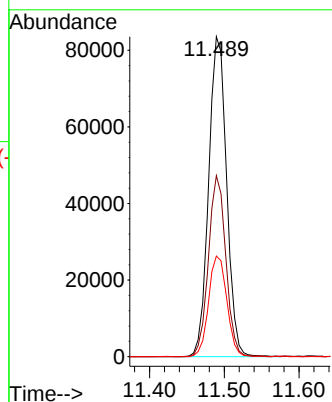
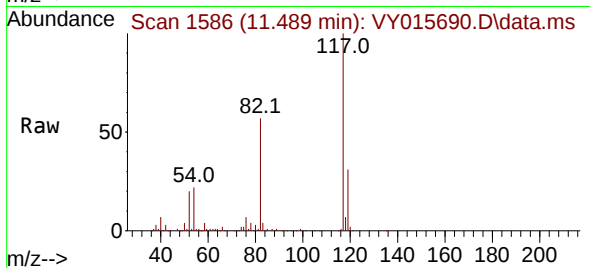
Tgt Ion:117 Resp: 139660

Ion Ratio Lower Upper

117 100

82 56.5 43.4 65.0

119 31.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015690.D

Acq: 22 Sep 2023 17:28

Tgt Ion:152 Resp: 56521

Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 157.3 0.0 348.8

