

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092523\
 Data File : VY015700.D
 Acq On : 25 Sep 2023 13:33
 Operator : SY/MD
 Sample : 04566-03
 Misc : 4.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 26 04:23:50 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)

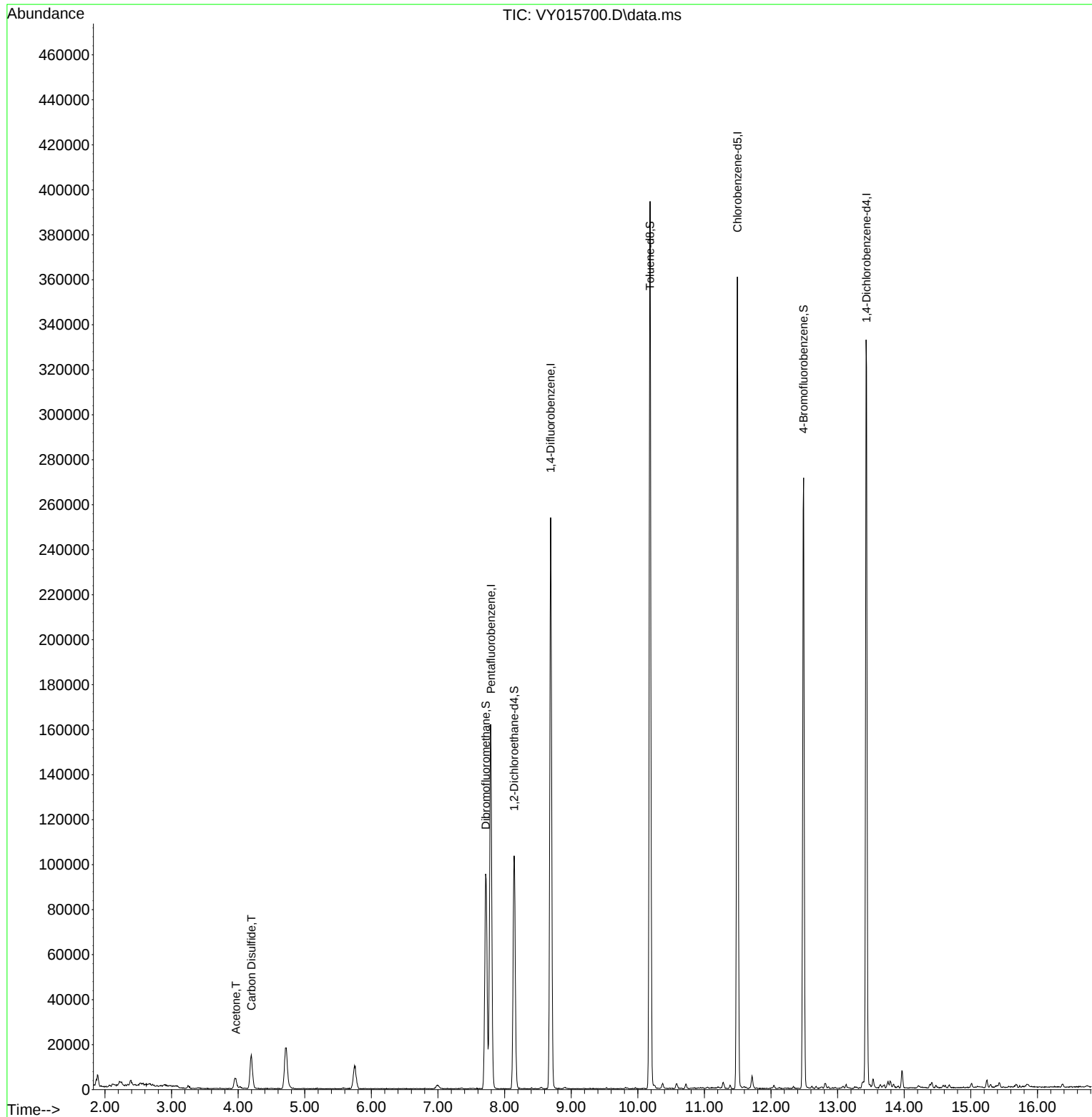
Internal Standards						
1) Pentafluorobenzene	7.795	168	124846	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	215021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	193983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	83263	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	81658	59.446	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.900%
35) Dibromofluoromethane	7.716	113	69662	54.128	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.260%
50) Toluene-d8	10.185	98	254167	58.246	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	116.500%
62) 4-Bromofluorobenzene	12.489	95	80668	47.107	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.220%
Target Compounds						
16) Acetone	3.966	43	8986	12.224	ug/l	97
17) Carbon Disulfide	4.198	76	30098	14.106	ug/l	99

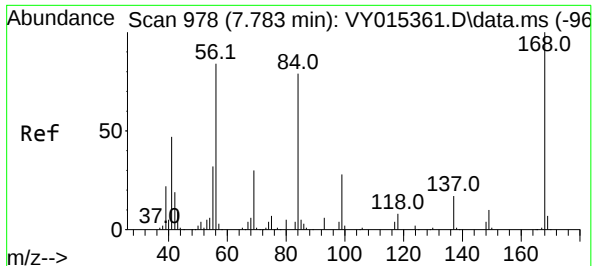
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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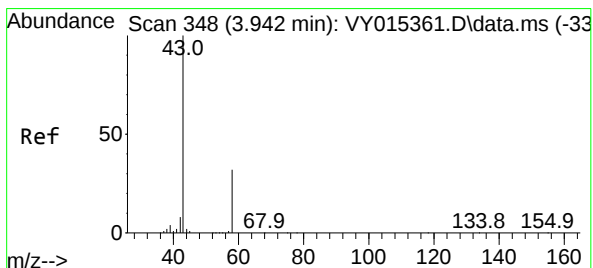
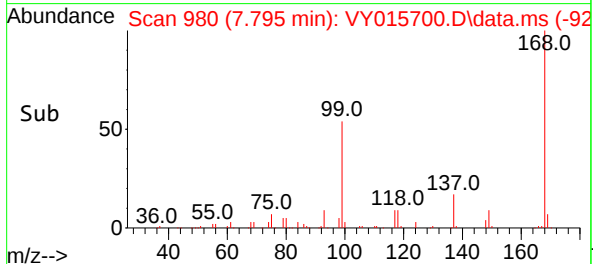
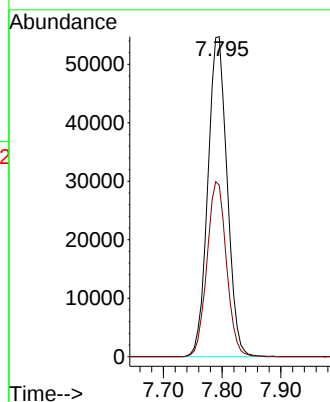
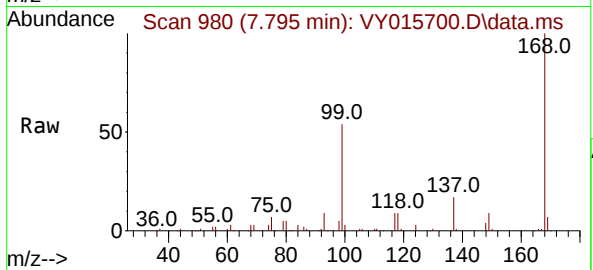




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

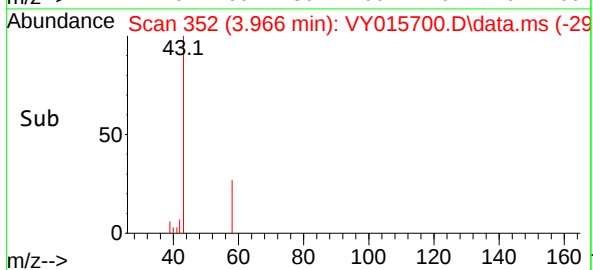
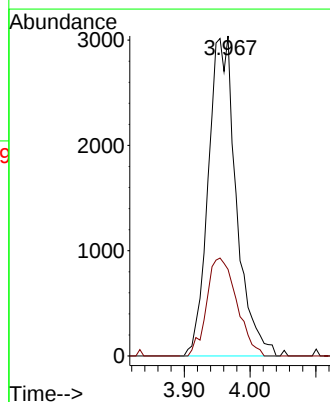
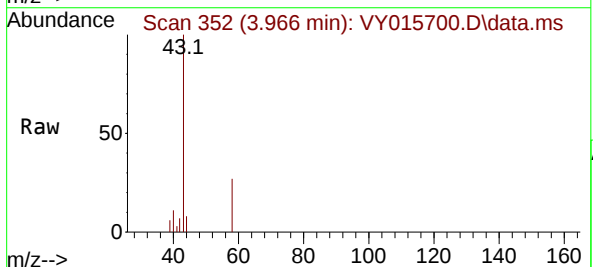
Instrument :
MSVOA_Y
ClientSampleId :
CPT102-06(8.5-9)

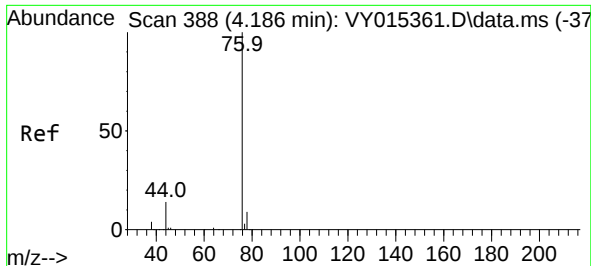
Tgt Ion:168 Resp: 124846
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#16
Acetone
Concen: 12.224 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

Tgt Ion: 43 Resp: 8986
Ion Ratio Lower Upper
43 100
58 27.1 22.7 34.1

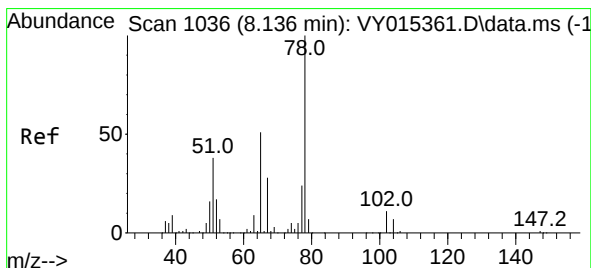
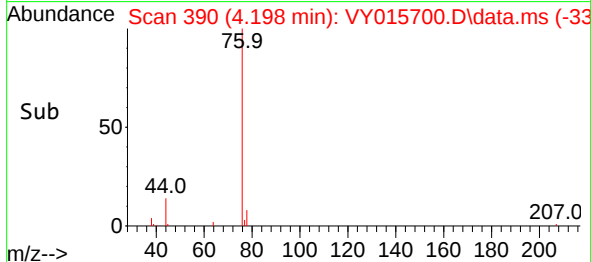
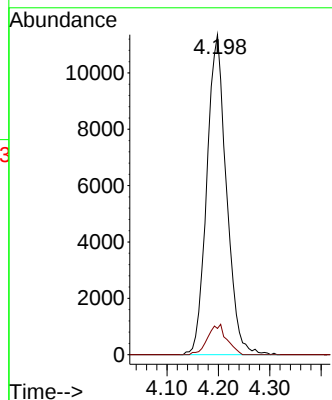
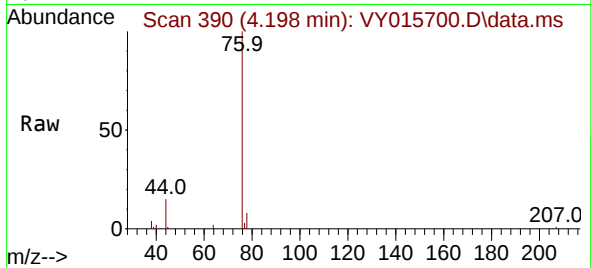




#17
Carbon Disulfide
Concen: 14.106 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

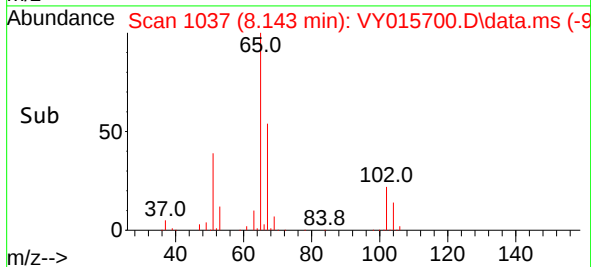
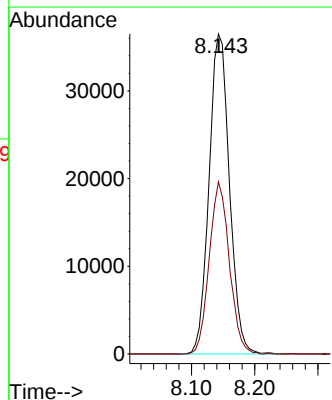
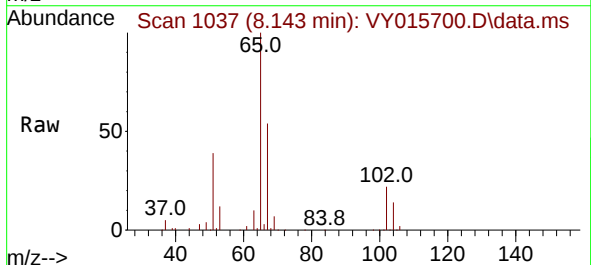
Instrument :
MSVOA_Y
ClientSampleId :
CPT102-06(8.5-9)

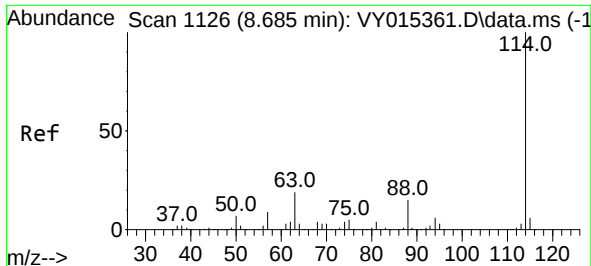
Tgt Ion: 76 Resp: 30098
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.4



#33
1,2-Dichloroethane-d4
Concen: 59.446 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

Tgt Ion: 65 Resp: 81658
Ion Ratio Lower Upper
65 100
67 53.0 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: VY015700.D

Acq: 25 Sep 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

CPT102-06(8.5-9)

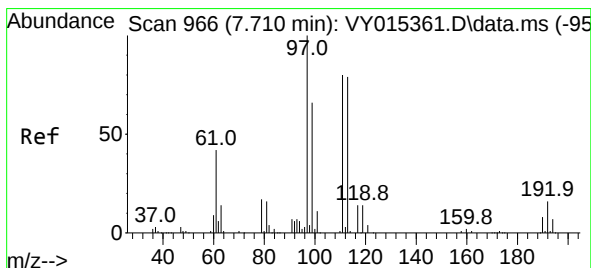
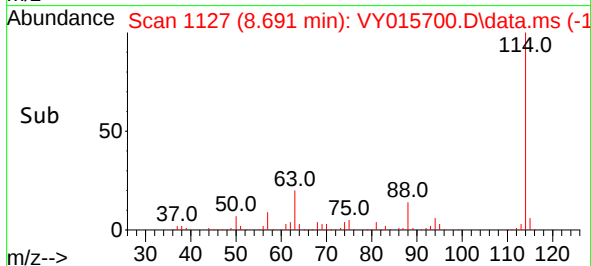
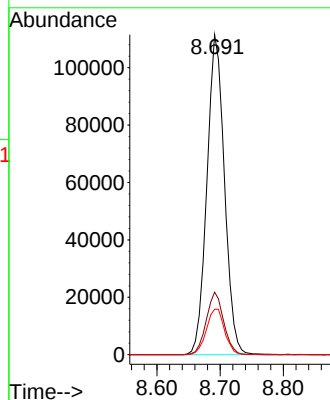
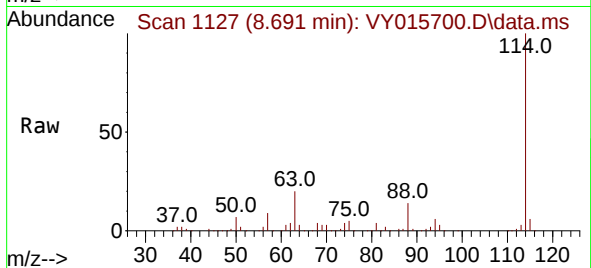
Tgt Ion:114 Resp: 215021

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.128 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015700.D

Acq: 25 Sep 2023 13:33

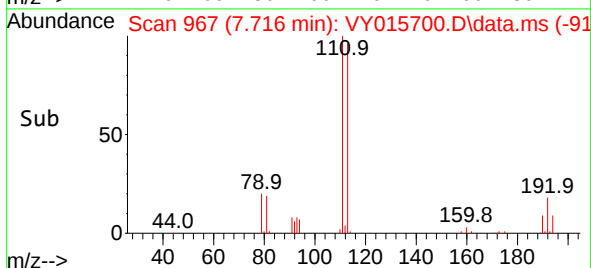
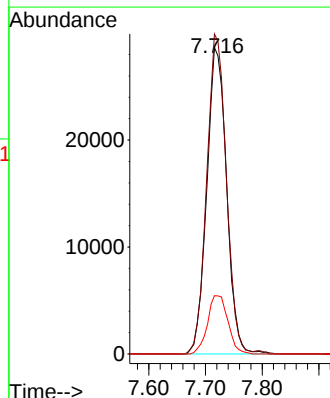
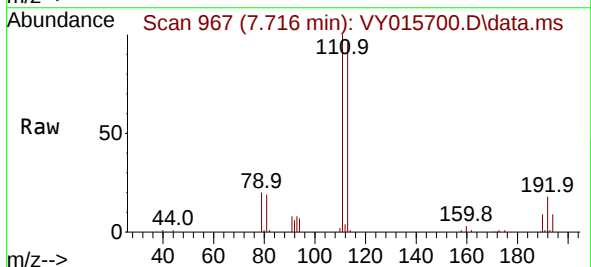
Tgt Ion:113 Resp: 69662

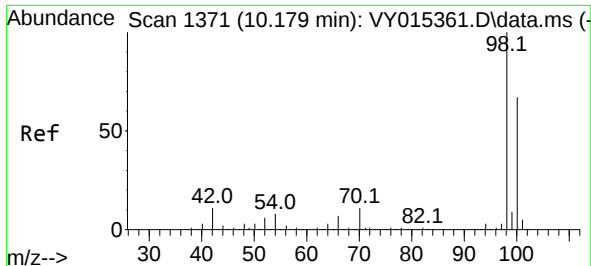
Ion Ratio Lower Upper

113 100

111 102.9 81.3 121.9

192 19.6 16.9 25.3

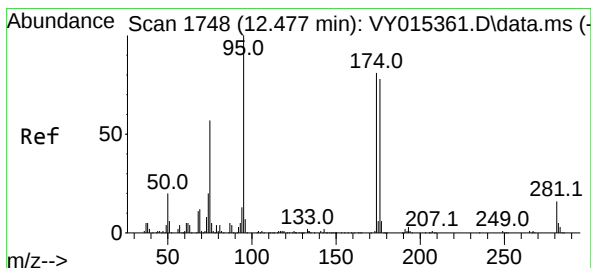
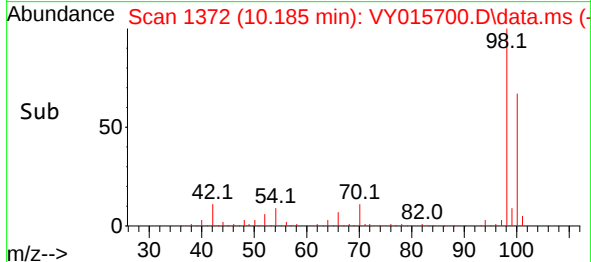
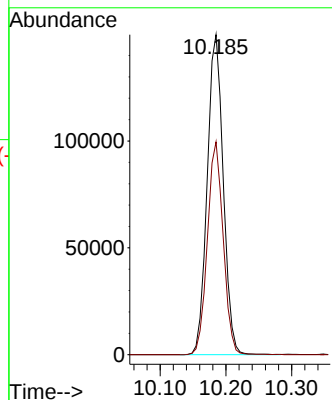
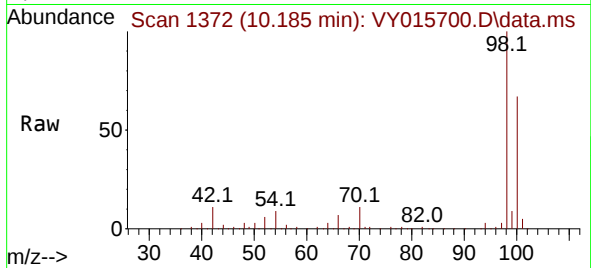




#50
Toluene-d8
Concen: 58.246 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

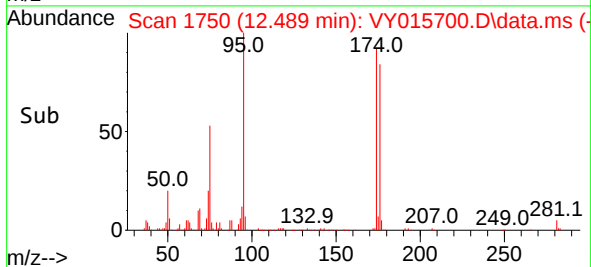
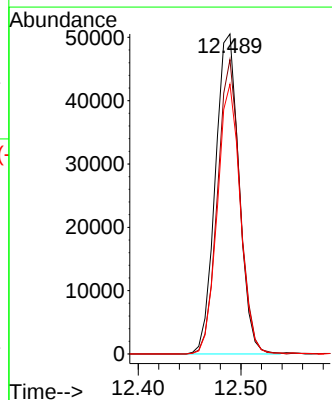
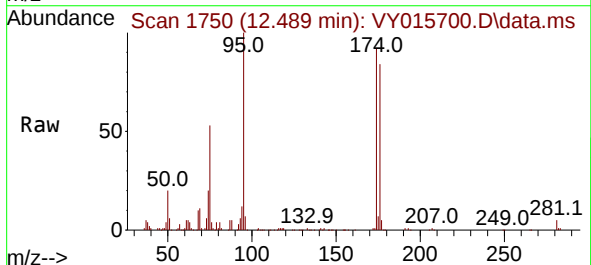
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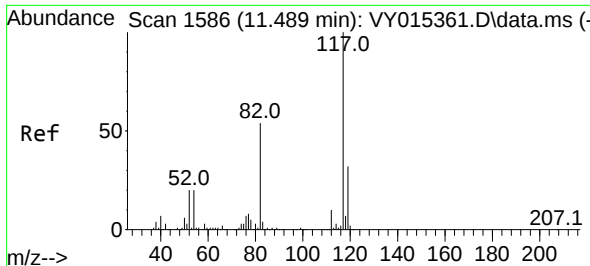
Tgt Ion: 98 Resp: 254167
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.107 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

Tgt Ion: 95 Resp: 80668
Ion Ratio Lower Upper
95 100
174 87.6 0.0 178.2
176 82.2 0.0 173.8

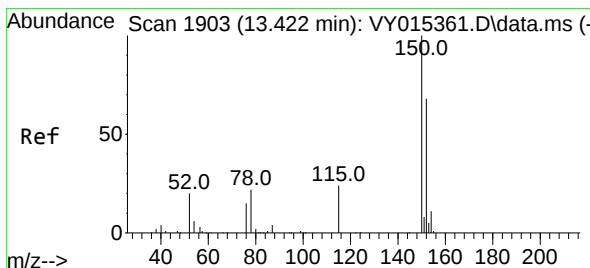
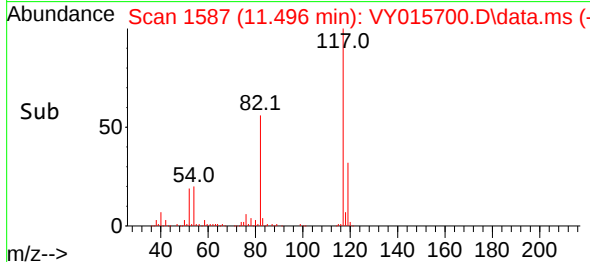
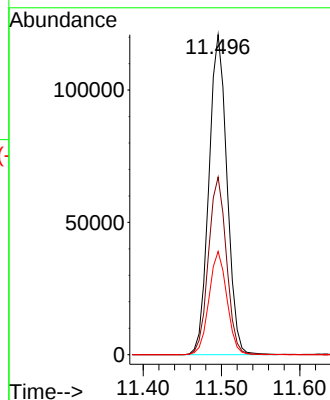
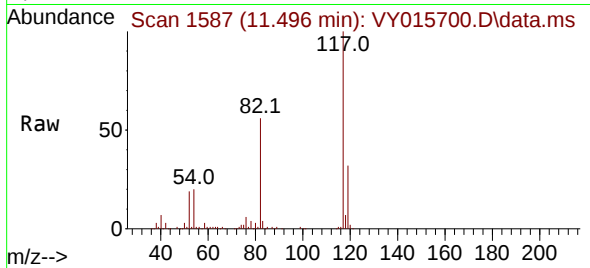




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

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

Tgt Ion:117 Resp: 193983
Ion Ratio Lower Upper
117 100
82 55.5 43.4 65.0
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

Tgt Ion:152 Resp: 83263
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.5
150 157.7 0.0 348.8

