

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015632.D
 Acq On : 18 Sep 2023 22:04
 Operator : SY/MD
 Sample : 04453-03
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CPT102-12(12.5-13)

Quant Time: Sep 19 02:09:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

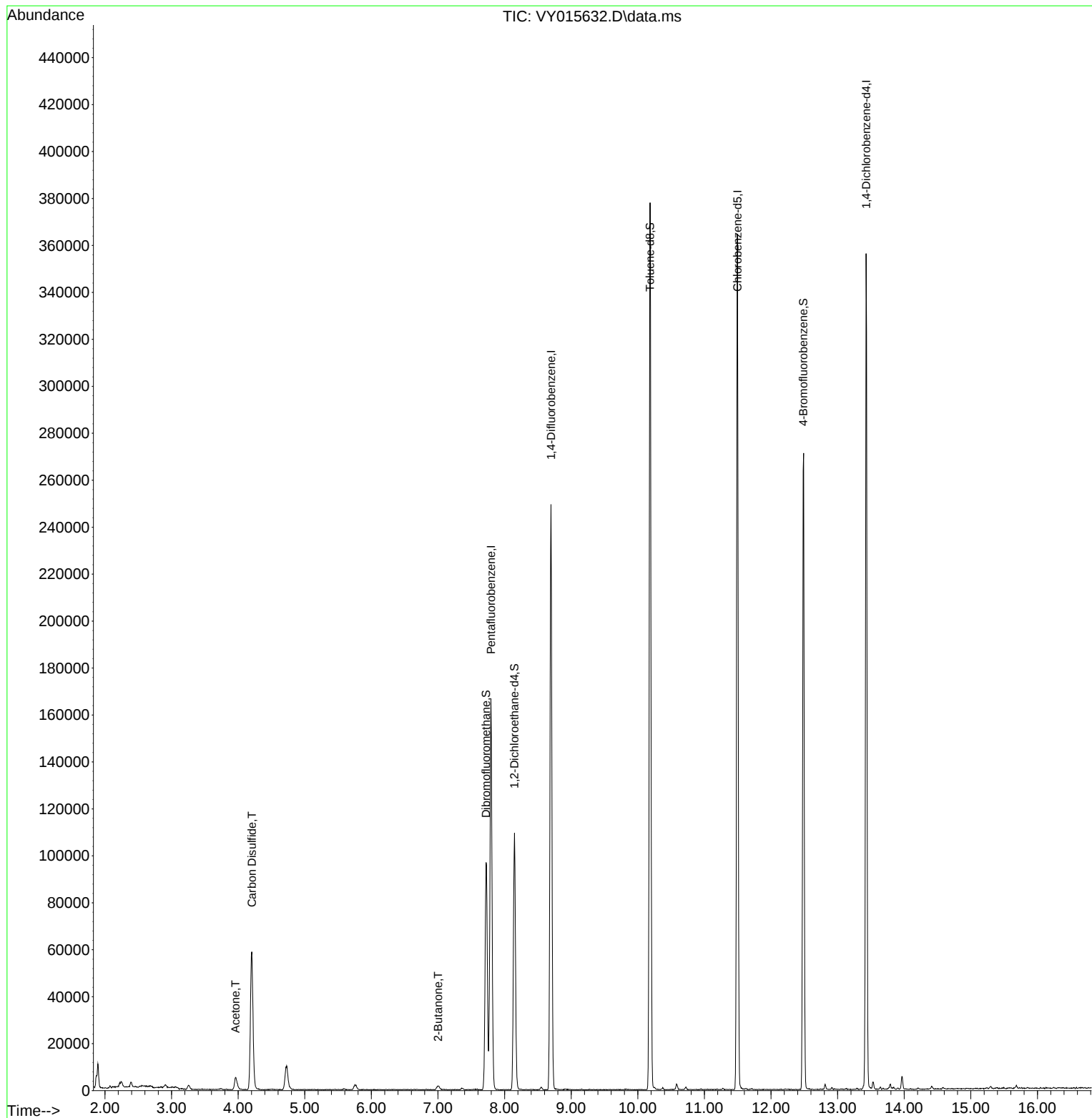
Internal Standards						
1) Pentafluorobenzene	7.795	168	123461	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	212126	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	193863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83292	62.934	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.860%	
35) Dibromofluoromethane	7.722	113	68284	55.888	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.780%	
50) Toluene-d8	10.185	98	249754	56.447	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.900%	
62) 4-Bromofluorobenzene	12.483	95	82438	50.188	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.380%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	9735	17.623	ug/l #	81
17) Carbon Disulfide	4.204	76	120282	32.783	ug/l	100
25) 2-Butanone	7.003	43	3126	3.990	ug/l	93

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

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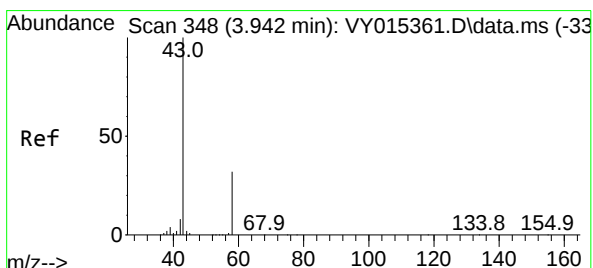
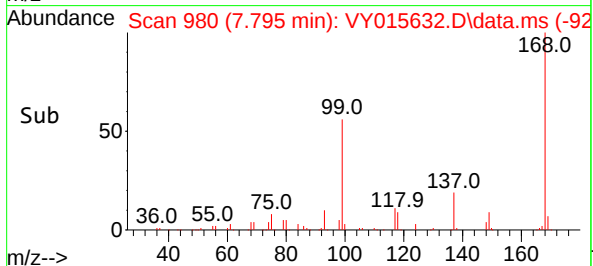
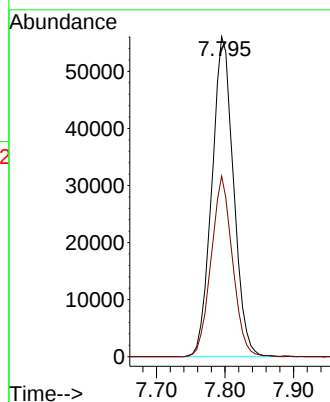
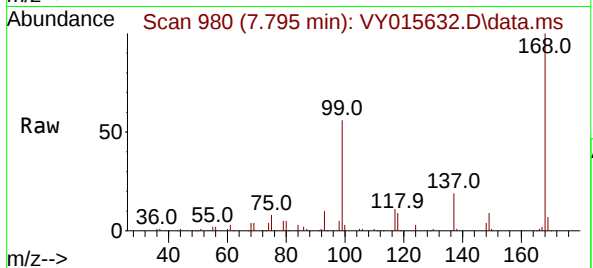




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015632.D
Acq: 18 Sep 2023 22:04

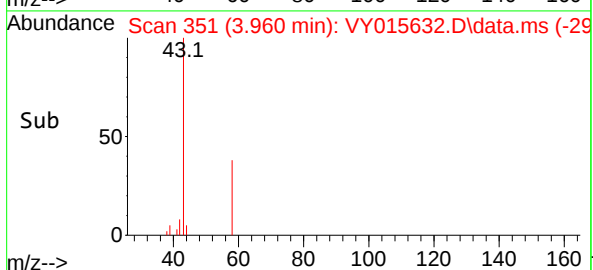
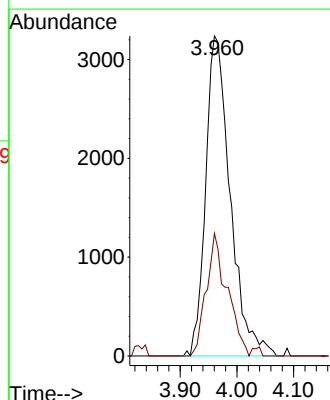
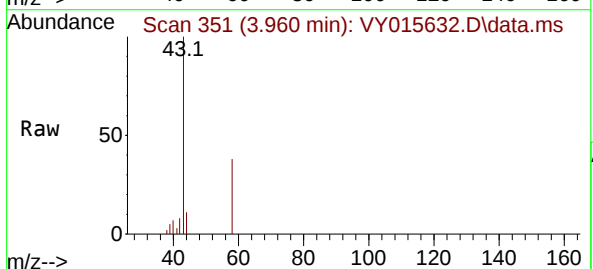
Instrument :
MSVOA_Y
ClientSampleId :
CPT102-12(12.5-13)

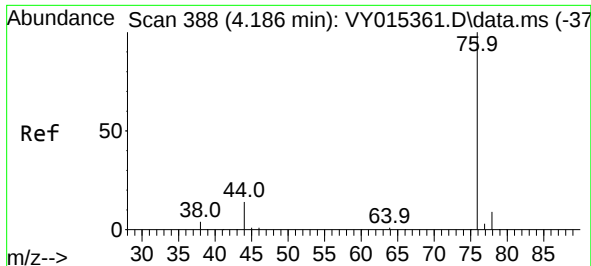
Tgt Ion:168 Resp: 123461
Ion Ratio Lower Upper
168 100
99 56.5 43.4 65.0



#16
Acetone
Concen: 17.623 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015632.D
Acq: 18 Sep 2023 22:04

Tgt Ion: 43 Resp: 9735
Ion Ratio Lower Upper
43 100
58 38.3 22.7 34.1#

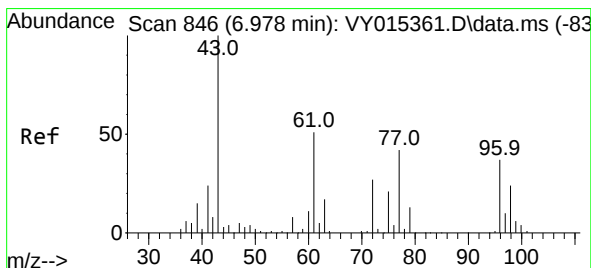
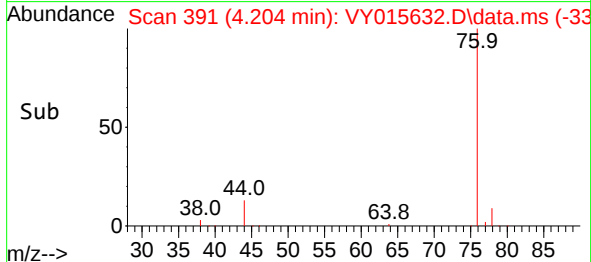
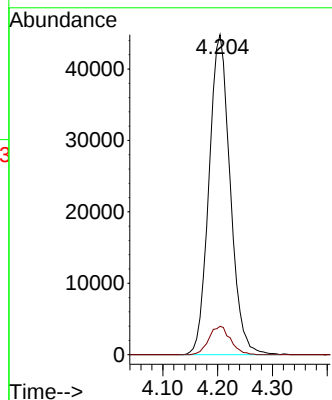
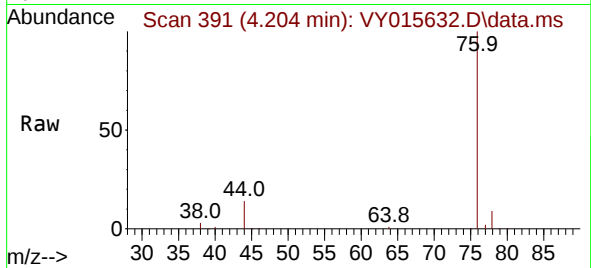




#17
Carbon Disulfide
Concen: 32.783 ug/l
RT: 4.204 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY015632.D
Acq: 18 Sep 2023 22:04

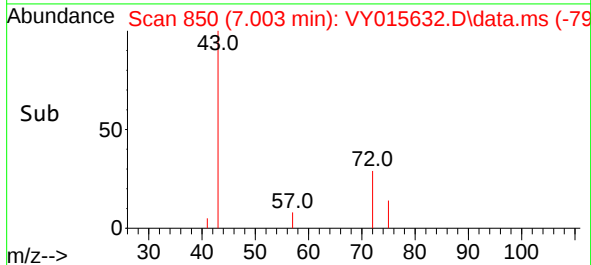
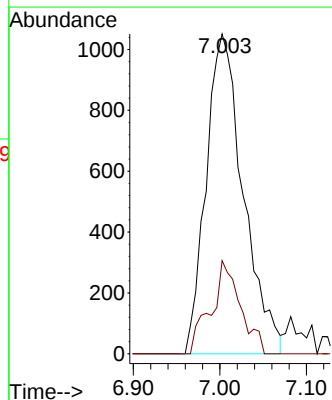
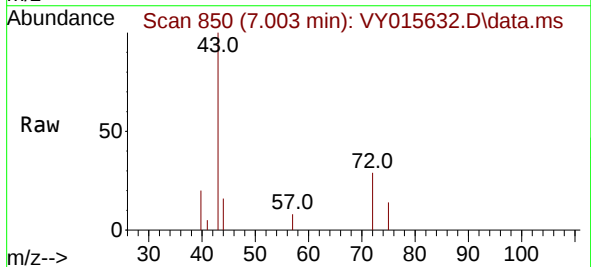
Instrument :
MSVOA_Y
ClientSampleId :
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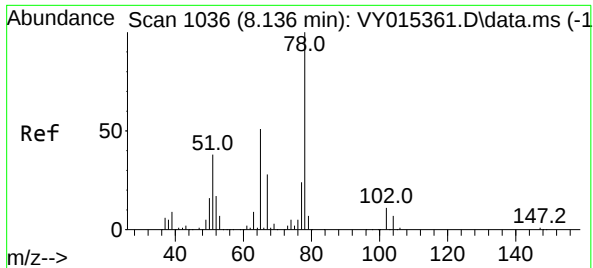
Tgt Ion: 76 Resp: 120282
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#25
2-Butanone
Concen: 3.990 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.024 min
Lab File: VY015632.D
Acq: 18 Sep 2023 22:04

Tgt Ion: 43 Resp: 3126
Ion Ratio Lower Upper
43 100
72 29.1 20.5 30.7

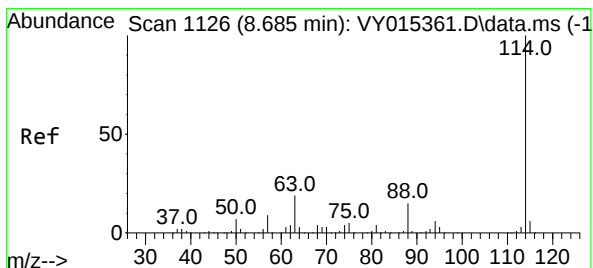
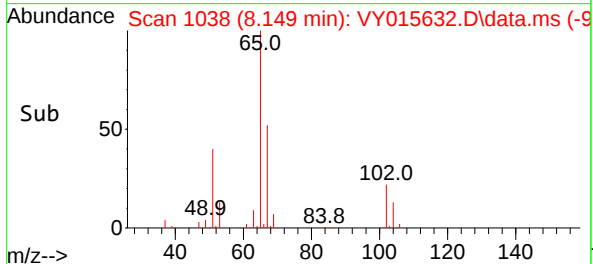
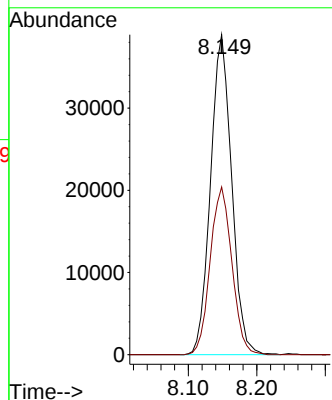
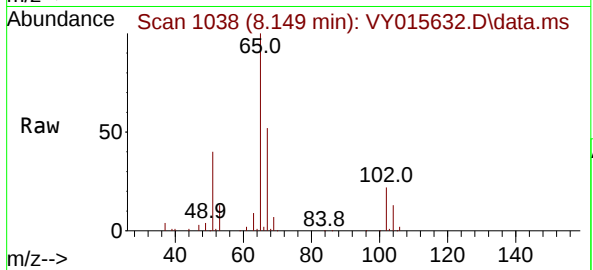




#33
 1,2-Dichloroethane-d4
 Concen: 62.934 ug/l
 RT: 8.149 min Scan# 110
 Delta R.T. 0.012 min
 Lab File: VY015632.D
 Acq: 18 Sep 2023 22:04

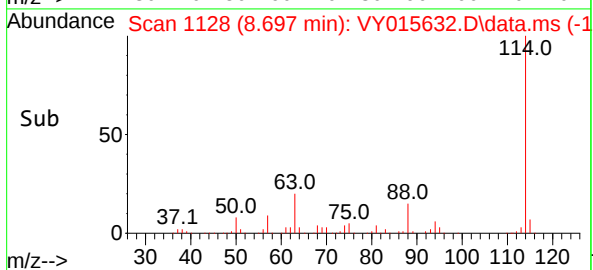
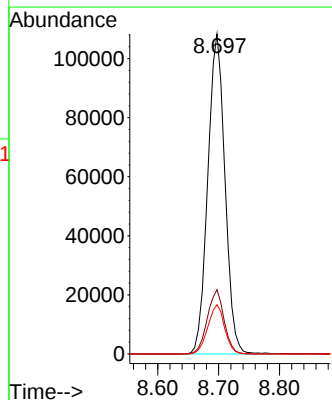
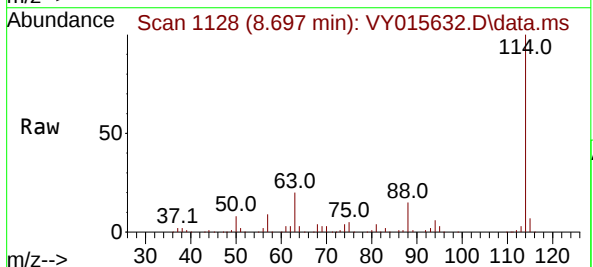
Instrument :
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 CPT102-12(12.5-13)

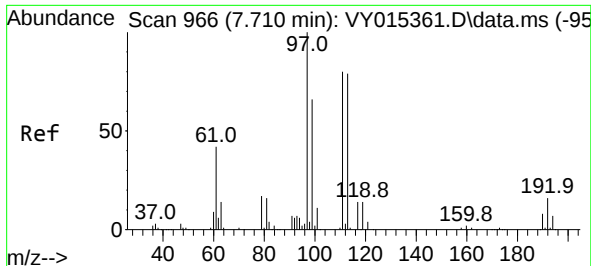
Tgt Ion: 65 Resp: 83292
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.012 min
 Lab File: VY015632.D
 Acq: 18 Sep 2023 22:04

Tgt Ion: 114 Resp: 212126
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.4
 88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.888 ug/l

RT: 7.722 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY015632.D

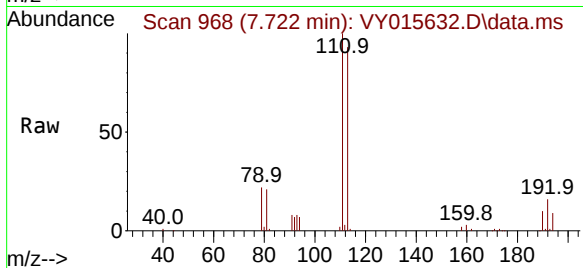
Acq: 18 Sep 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

CPT102-12(12.5-13)



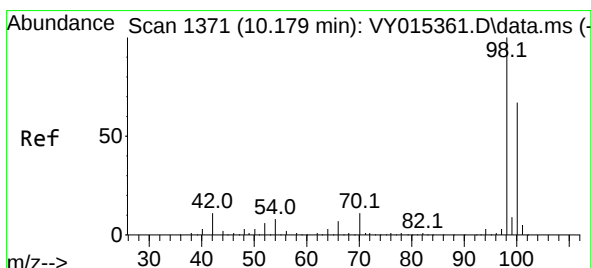
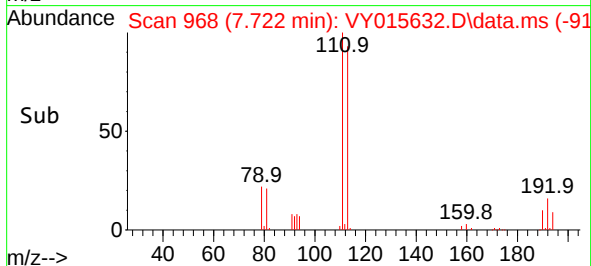
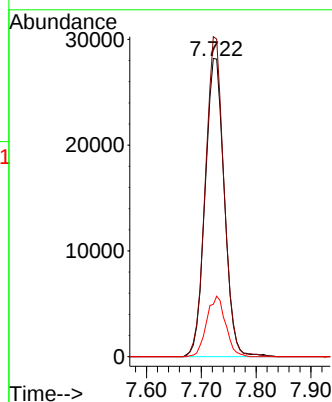
Tgt Ion:113 Resp: 68284

Ion Ratio Lower Upper

113 100

111 104.0 81.3 121.9

192 20.1 16.9 25.3



#50

Toluene-d8

Concen: 56.447 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015632.D

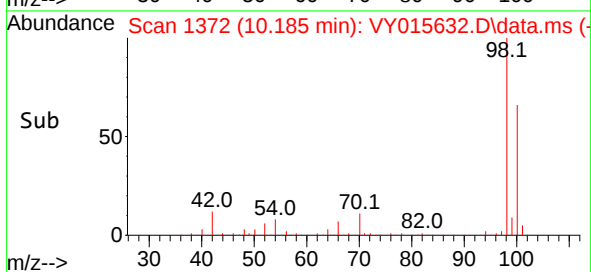
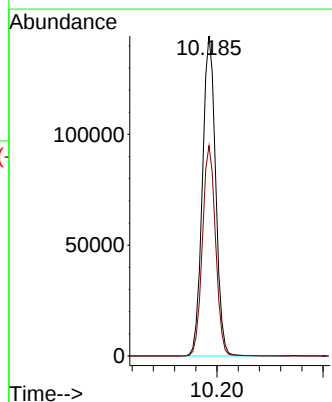
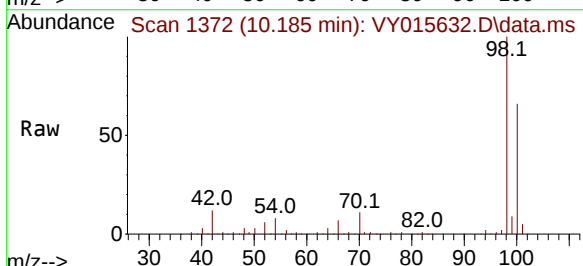
Acq: 18 Sep 2023 22:04

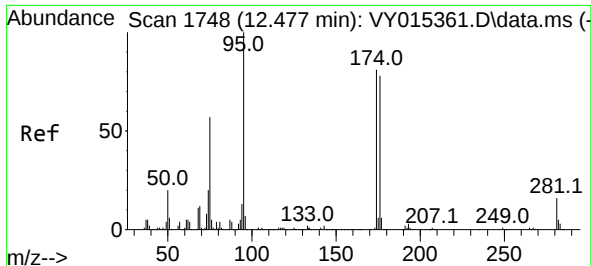
Tgt Ion: 98 Resp: 249754

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1

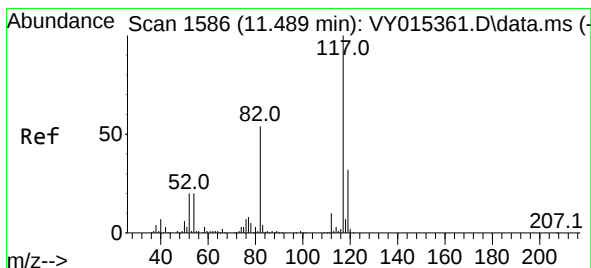
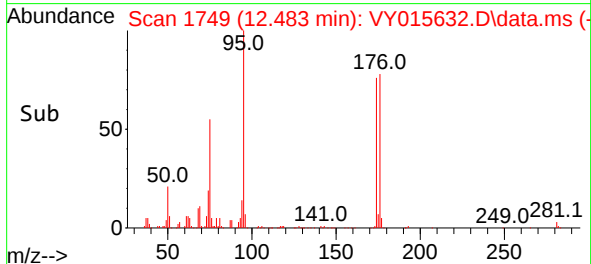
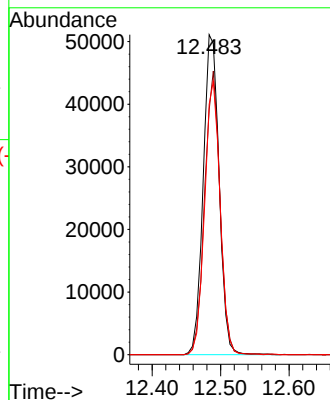
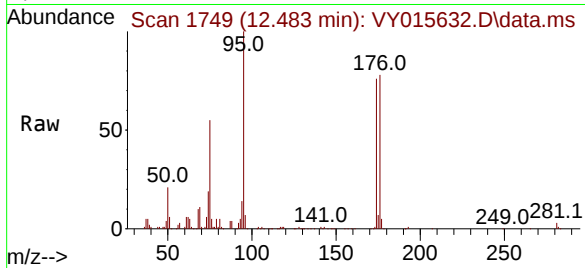




#62
4-Bromofluorobenzene
Concen: 50.188 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015632.D
Acq: 18 Sep 2023 22:04

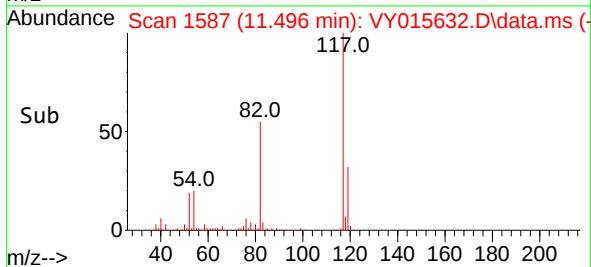
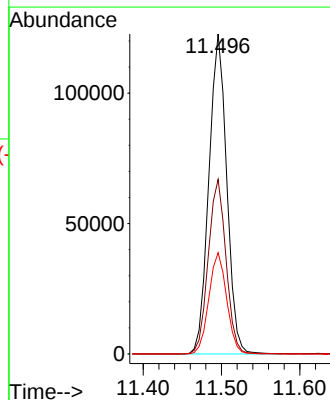
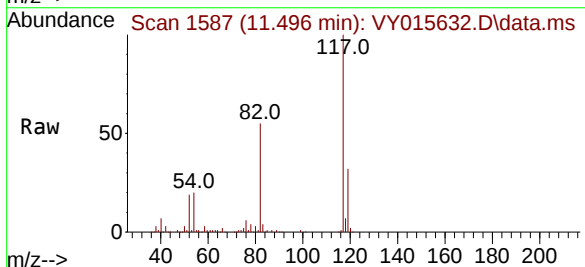
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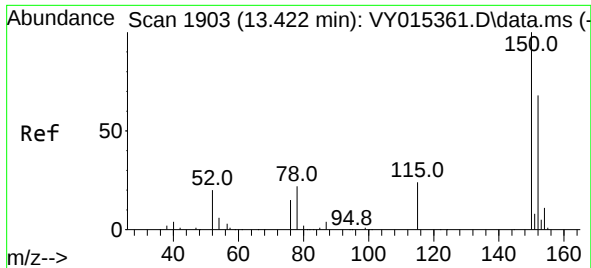
Tgt Ion: 95 Resp: 82438
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 83.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015632.D
Acq: 18 Sep 2023 22:04

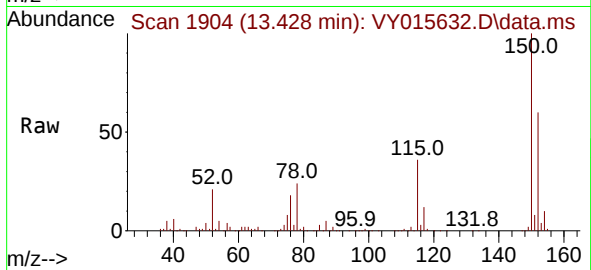
Tgt Ion: 117 Resp: 193863
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 31.6 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY015632.D
 Acq: 18 Sep 2023 22:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 CPT102-12(12.5-13)



Tgt Ion:	152	Resp:	89145
Ion	Ratio	Lower	Upper
152	100		
115	58.5	28.8	86.5
150	158.2	0.0	348.8

