

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015545.D
 Acq On : 14 Sep 2023 19:49
 Operator : SY/MD
 Sample : 04397-05
 Misc : 4.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CPT103-07(8-8.5)

Quant Time: Sep 15 04:05:43 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)

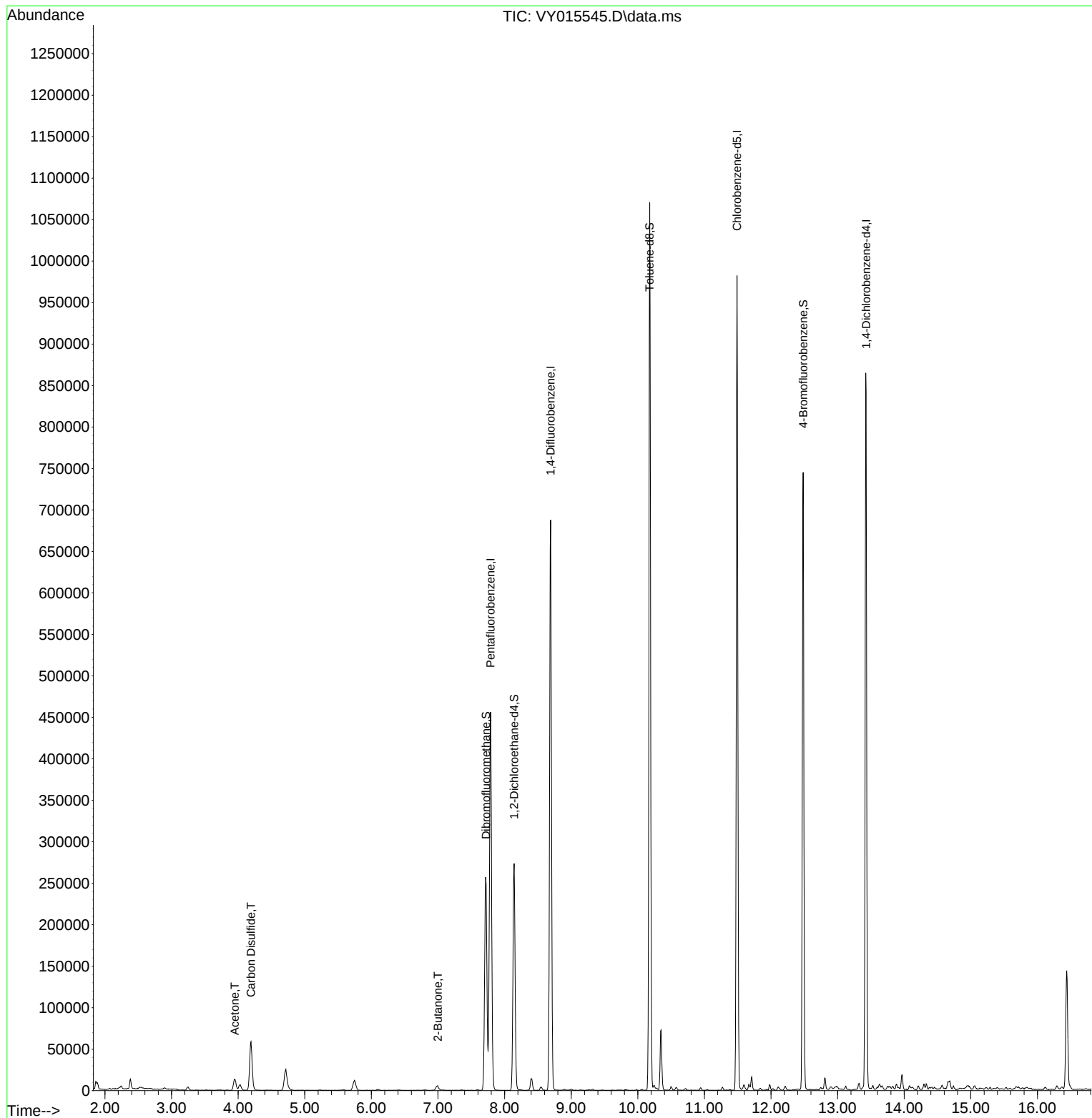
Internal Standards						
1) Pentafluorobenzene	7.789	168	355361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	590824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	521203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	219494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	215860	56.665	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.320%
35) Dibromofluoromethane	7.722	113	181866	53.442	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.880%
50) Toluene-d8	10.179	98	685477	55.623	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.240%
62) 4-Bromofluorobenzene	12.483	95	221451	48.405	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.800%
Target Compounds						Qvalue
16) Acetone	3.948	43	24630	15.490	ug/l	89
17) Carbon Disulfide	4.192	76	117351	11.112	ug/l	99
25) 2-Butanone	6.996	43	6770	3.002	ug/l	97

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

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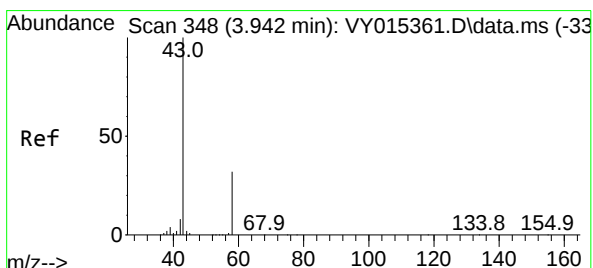
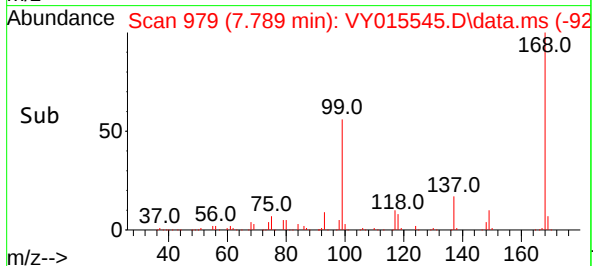
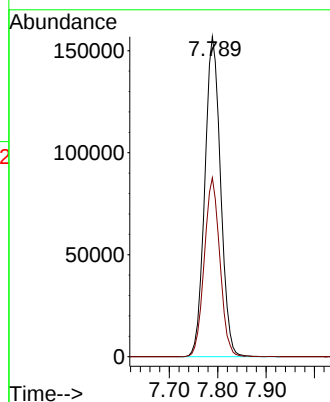
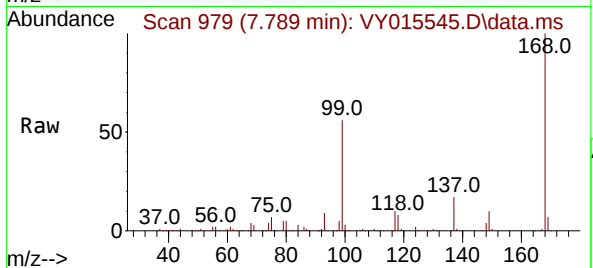




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015545.D
Acq: 14 Sep 2023 19:49

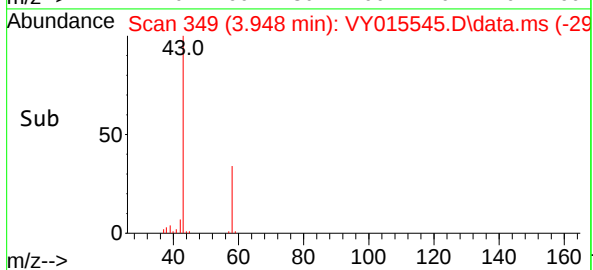
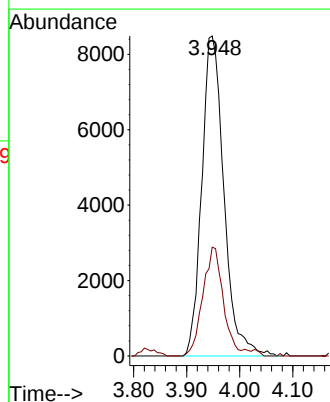
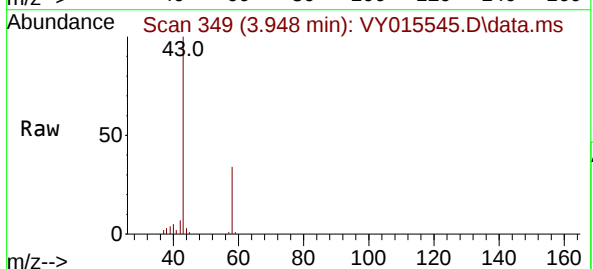
Instrument :
MSVOA_Y
ClientSampleId :
CPT103-07(8-8.5)

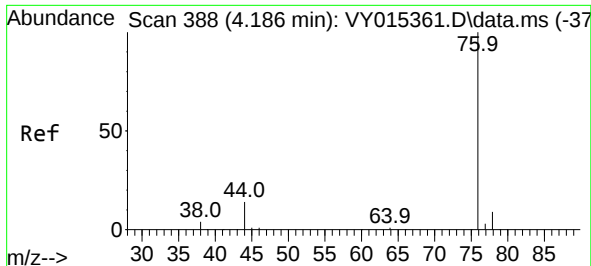
Tgt Ion:168 Resp: 355361
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#16
Acetone
Concen: 15.490 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015545.D
Acq: 14 Sep 2023 19:49

Tgt Ion: 43 Resp: 24630
Ion Ratio Lower Upper
43 100
58 34.0 22.7 34.1

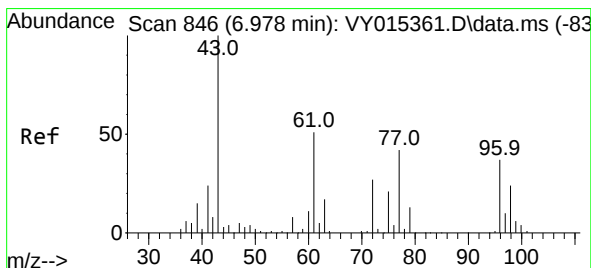
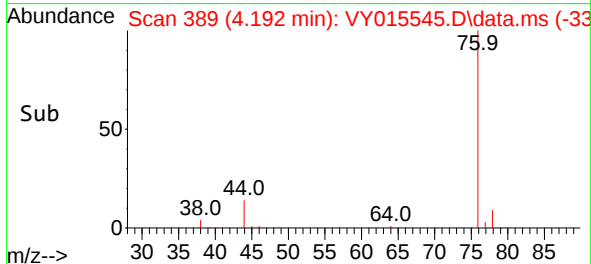
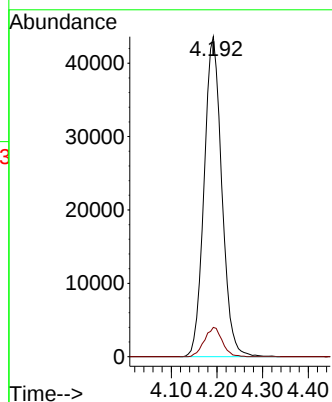
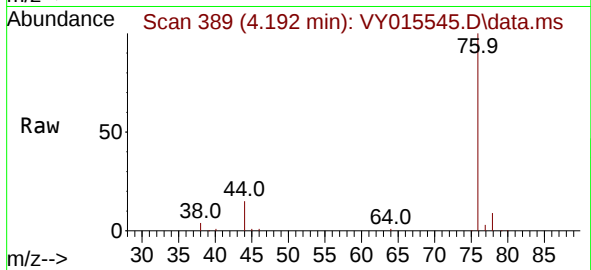




#17
Carbon Disulfide
Concen: 11.112 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015545.D
Acq: 14 Sep 2023 19:49

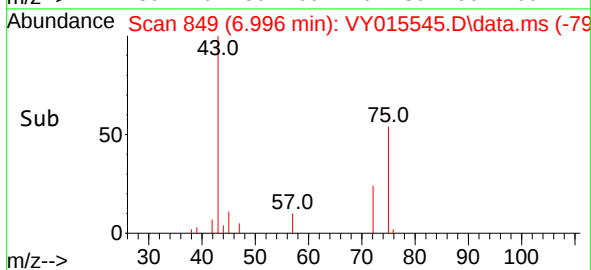
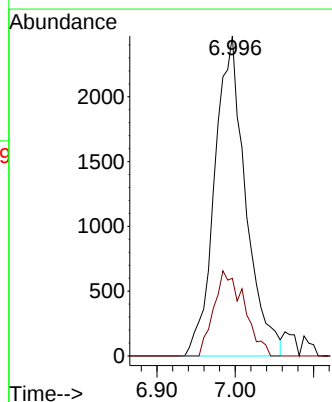
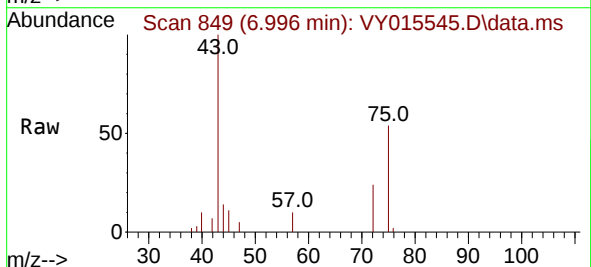
Instrument :
MSVOA_Y
ClientSampleId :
CPT103-07(8-8.5)

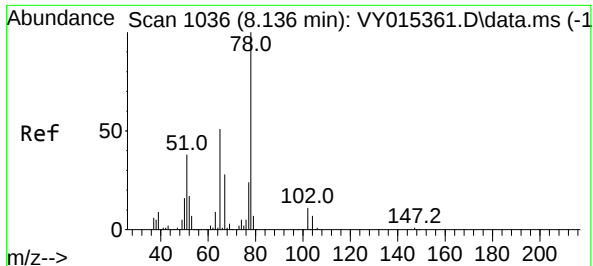
Tgt Ion: 76 Resp: 117351
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#25
2-Butanone
Concen: 3.002 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.018 min
Lab File: VY015545.D
Acq: 14 Sep 2023 19:49

Tgt Ion: 43 Resp: 6770
Ion Ratio Lower Upper
43 100
72 24.3 20.5 30.7





#33

1,2-Dichloroethane-d4

Concen: 56.665 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015545.D

Acq: 14 Sep 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

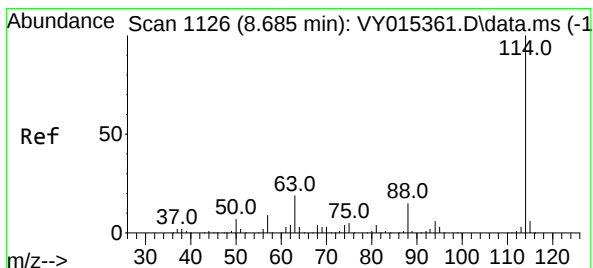
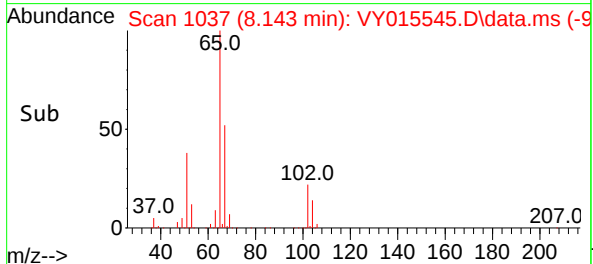
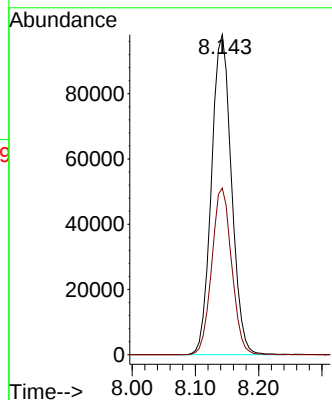
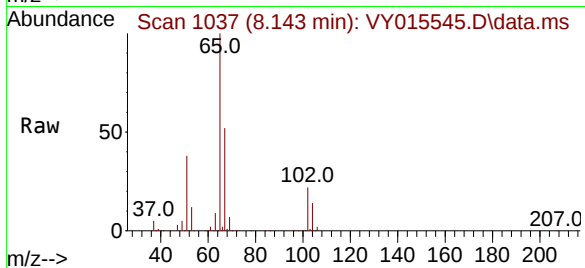
CPT103-07(8-8.5)

Tgt Ion: 65 Resp: 215860

Ion Ratio Lower Upper

65 100

67 51.6 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: VY015545.D

Acq: 14 Sep 2023 19:49

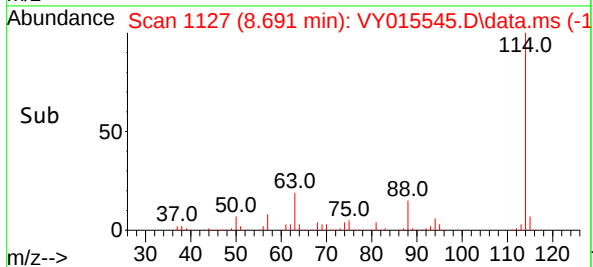
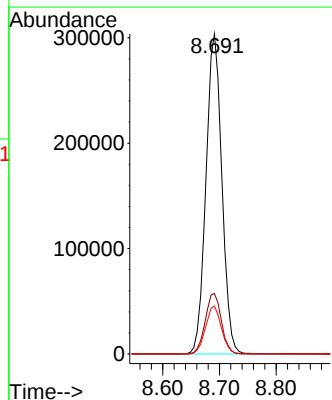
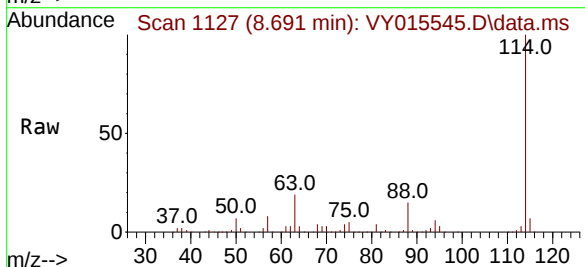
Tgt Ion: 114 Resp: 590824

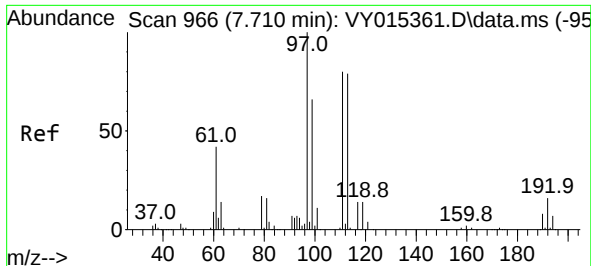
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 14.9 0.0 30.6

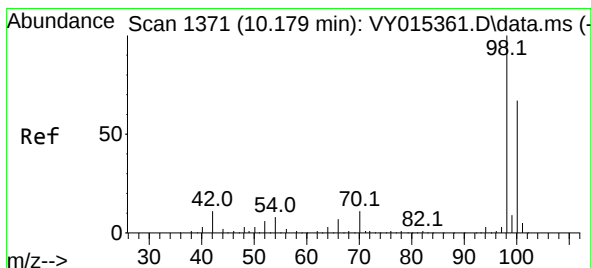
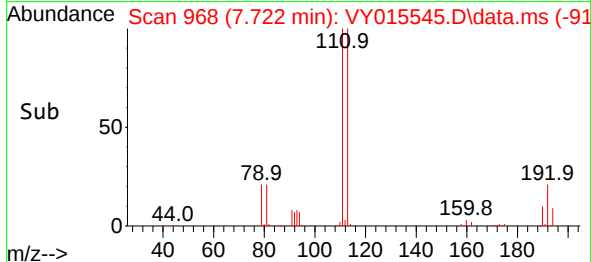
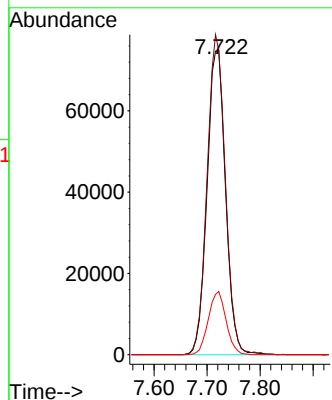
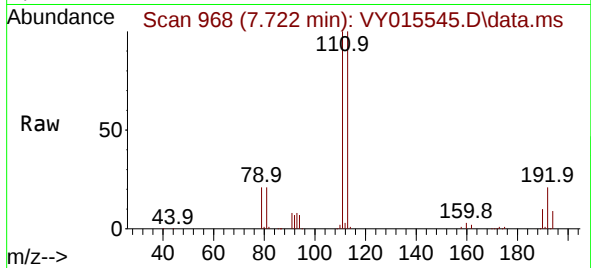




#35
Dibromofluoromethane
Concen: 53.442 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015545.D
Acq: 14 Sep 2023 19:49

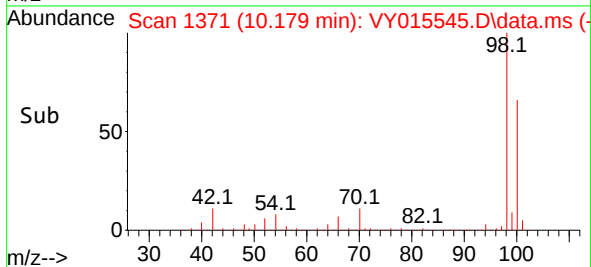
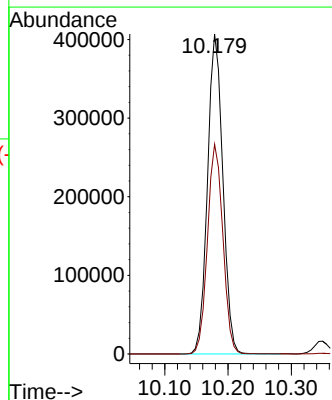
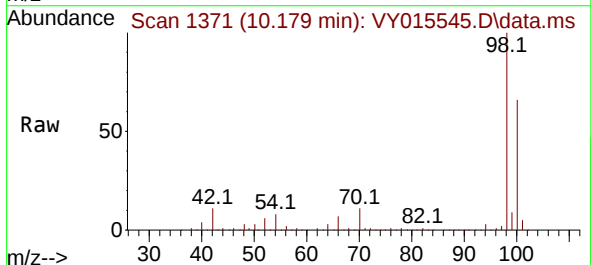
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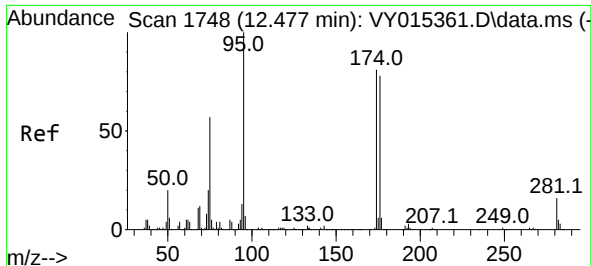
Tgt Ion:113 Resp: 181866
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 55.623 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015545.D
Acq: 14 Sep 2023 19:49

Tgt Ion: 98 Resp: 685477
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1

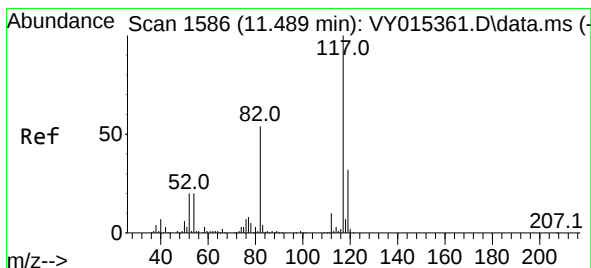
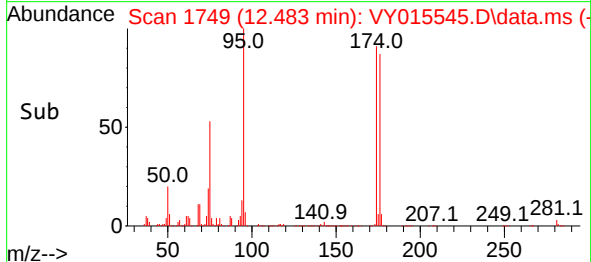
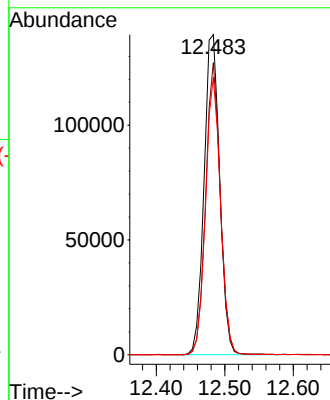
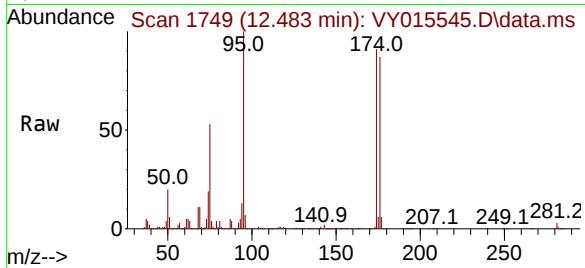




#62
4-Bromofluorobenzene
Concen: 48.405 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015545.D
Acq: 14 Sep 2023 19:49

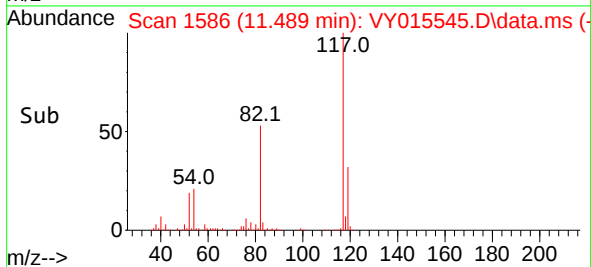
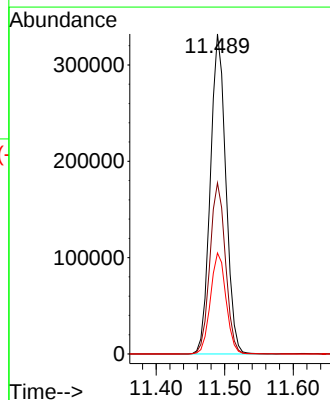
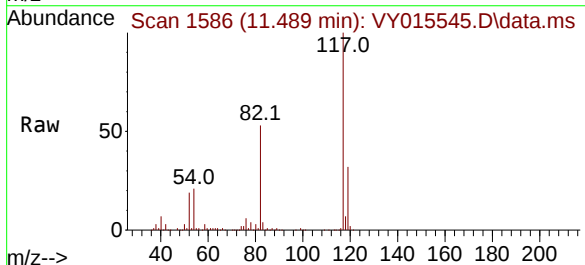
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CPT103-07(8-8.5)

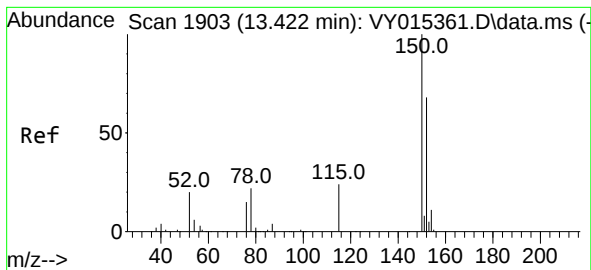
Tgt Ion: 95 Resp: 221451
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 82.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015545.D
Acq: 14 Sep 2023 19:49

Tgt Ion: 117 Resp: 521203
Ion Ratio Lower Upper
117 100
82 53.4 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: VY015545.D

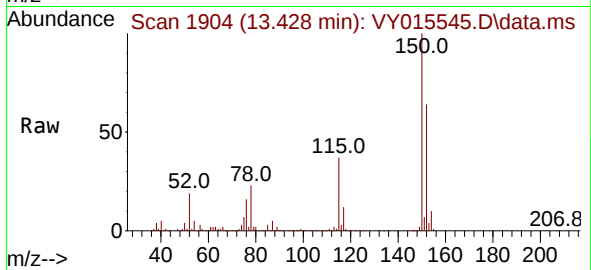
Acq: 14 Sep 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

CPT103-07(8-8.5)



Tgt Ion:152 Resp: 219494

Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 158.9 0.0 348.8

