

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015519.D
 Acq On : 12 Sep 2023 19:46
 Operator : SY/MD
 Sample : 04394-07
 Misc : 4.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CPT103-18(8.5-9)

Quant Time: Sep 13 05:56:57 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)

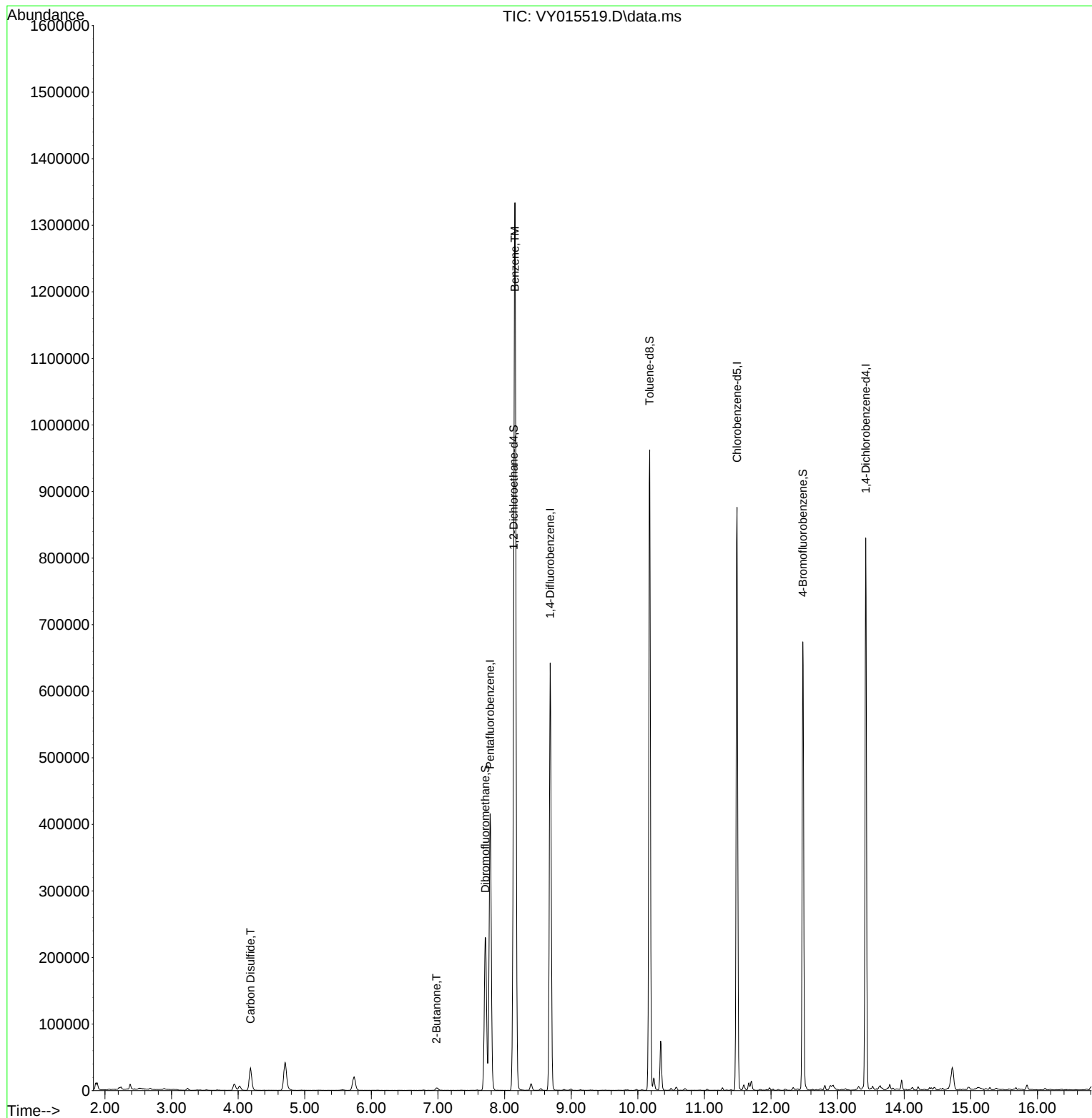
Internal Standards						
1) Pentafluorobenzene	7.783	168	326250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	539334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	476519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	208489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	200027	57.194	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.380%
35) Dibromofluoromethane	7.710	113	163233	52.546	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.100%
50) Toluene-d8	10.179	98	626888	55.725	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.460%
62) 4-Bromofluorobenzene	12.477	95	202453	48.477	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.960%
Target Compounds						
						Qvalue
17) Carbon Disulfide	4.186	76	66611	6.870	ug/l	98
25) 2-Butanone	6.978	43	5379	2.598	ug/l	100
40) Benzene	8.155	78	1220501	80.200	ug/l	99

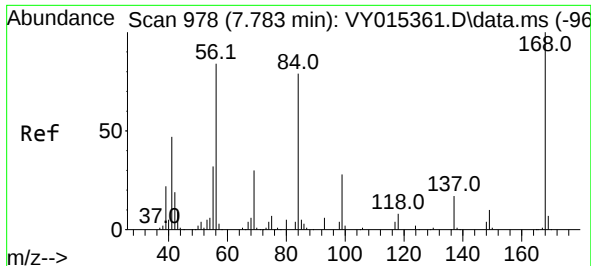
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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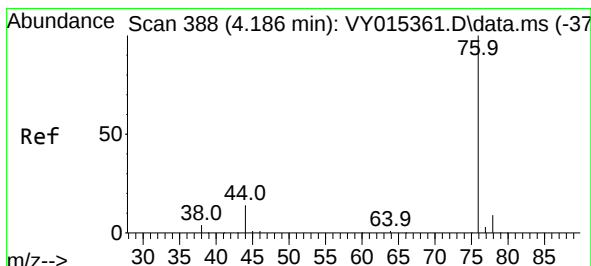
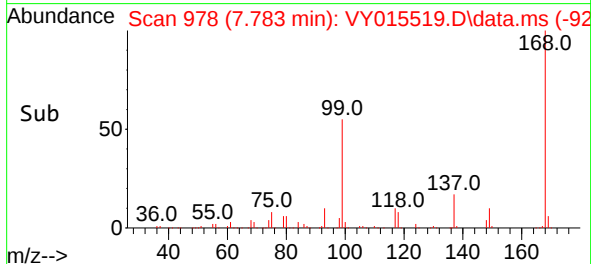
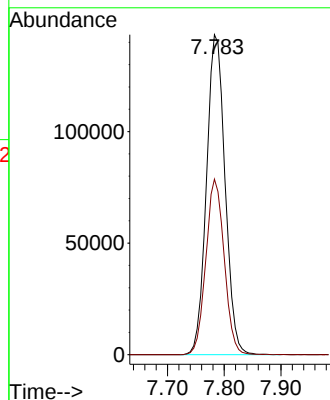
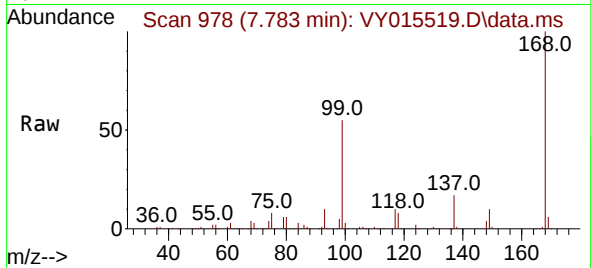




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015519.D
Acq: 12 Sep 2023 19:46

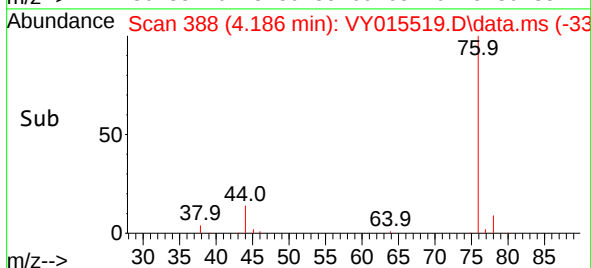
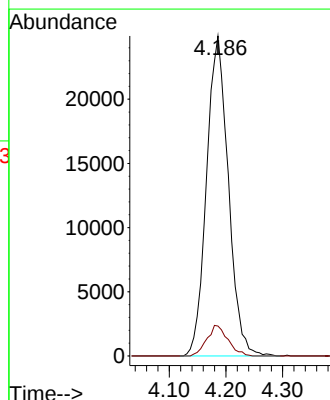
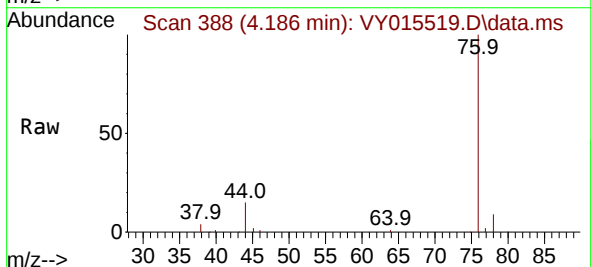
Instrument :
MSVOA_Y
ClientSampleId :
CPT103-18(8.5-9)

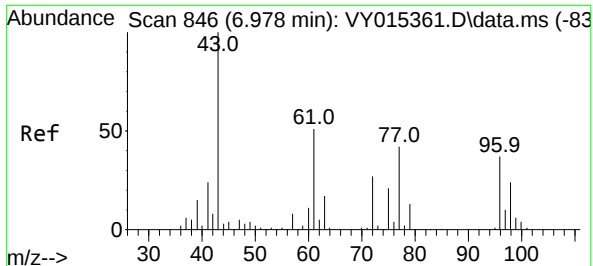
Tgt Ion:168 Resp: 326250
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#17
Carbon Disulfide
Concen: 6.870 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY015519.D
Acq: 12 Sep 2023 19:46

Tgt Ion: 76 Resp: 66611
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4





#25

2-Butanone

Concen: 2.598 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY015519.D

Acq: 12 Sep 2023 19:46

Instrument :

MSVOA_Y

ClientSampleId :

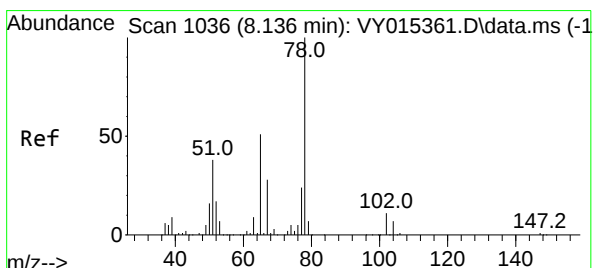
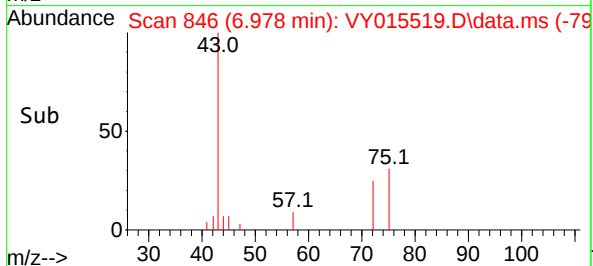
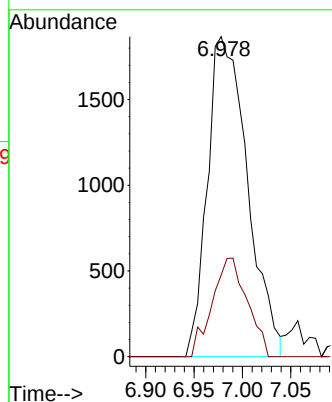
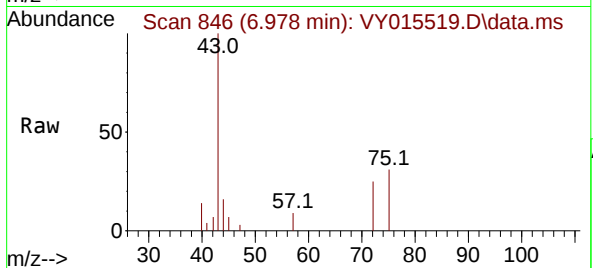
CPT103-18(8.5-9)

Tgt Ion: 43 Resp: 5379

Ion Ratio Lower Upper

43 100

72 25.5 20.5 30.7



#33

1,2-Dichloroethane-d4

Concen: 57.194 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015519.D

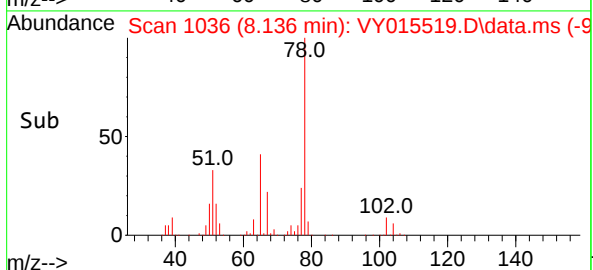
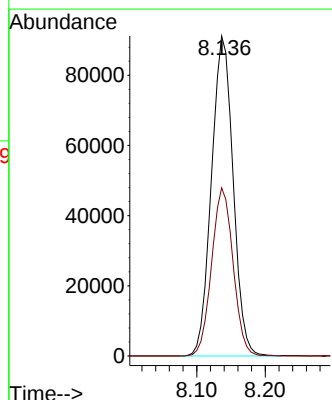
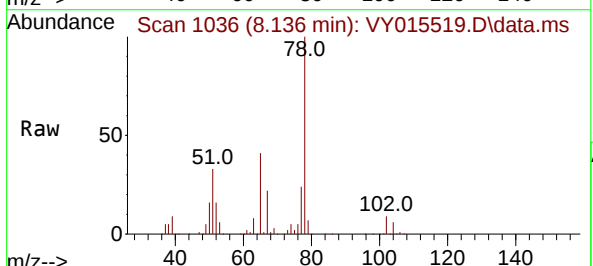
Acq: 12 Sep 2023 19:46

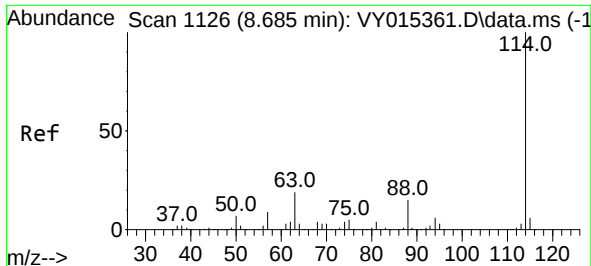
Tgt Ion: 65 Resp: 200027

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015519.D

Acq: 12 Sep 2023 19:46

Instrument :

MSVOA_Y

ClientSampleId :

CPT103-18(8.5-9)

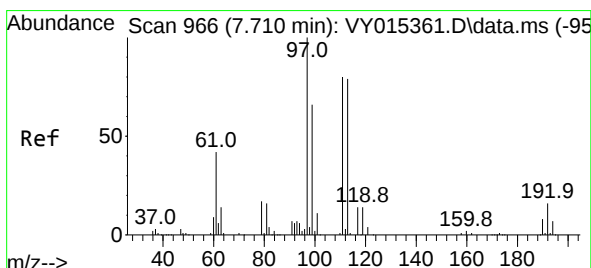
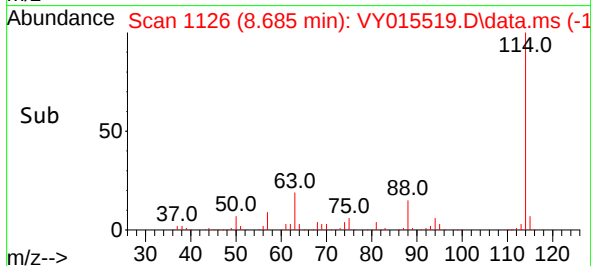
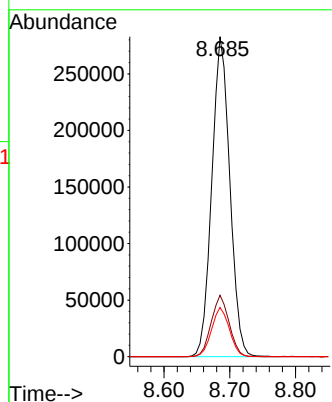
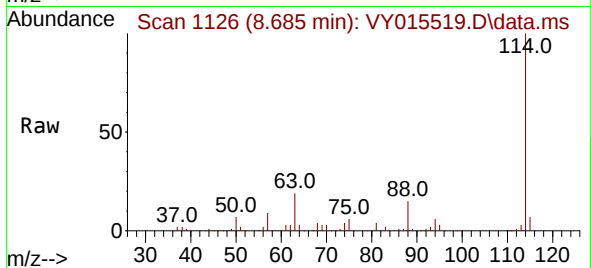
Tgt Ion:114 Resp: 539334

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.546 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015519.D

Acq: 12 Sep 2023 19:46

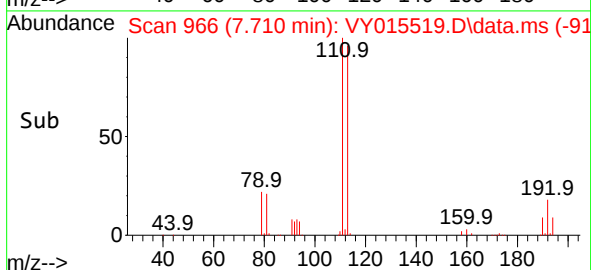
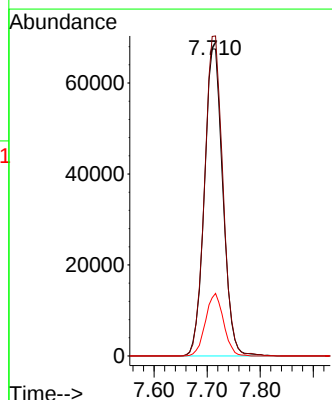
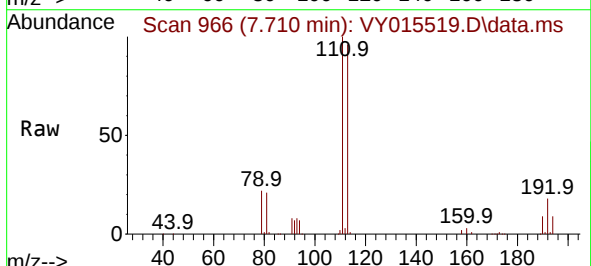
Tgt Ion:113 Resp: 163233

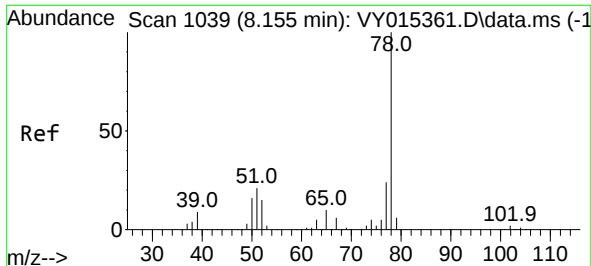
Ion Ratio Lower Upper

113 100

111 103.2 81.3 121.9

192 19.9 16.9 25.3

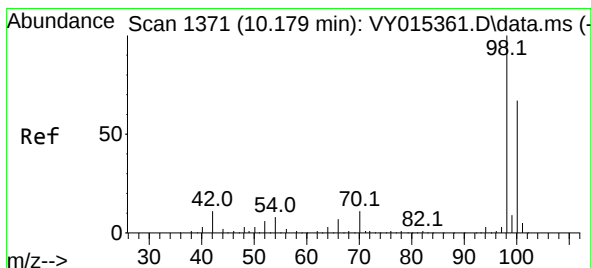
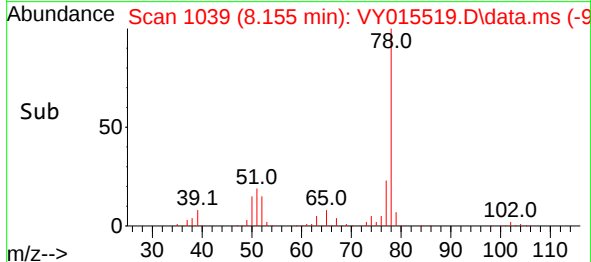
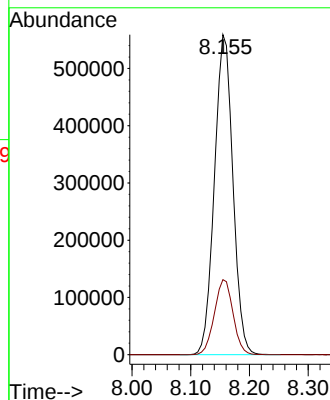
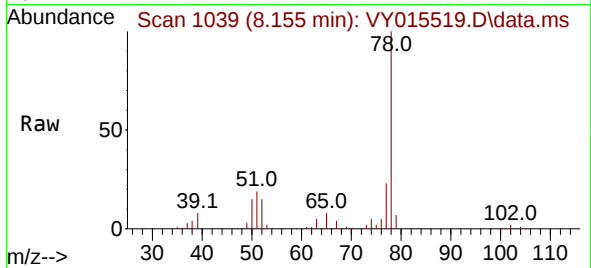




#40
Benzene
Concen: 80.200 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY015519.D
Acq: 12 Sep 2023 19:46

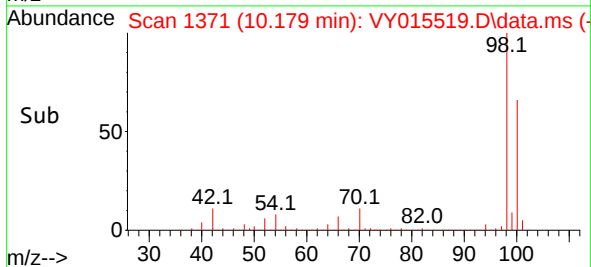
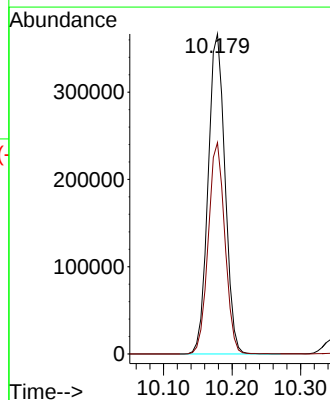
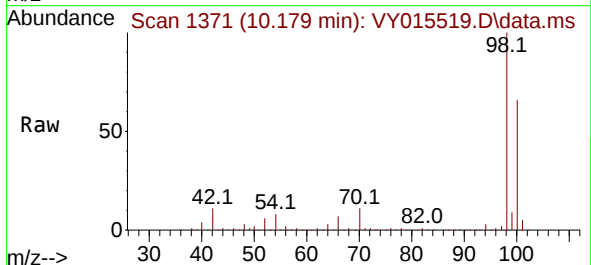
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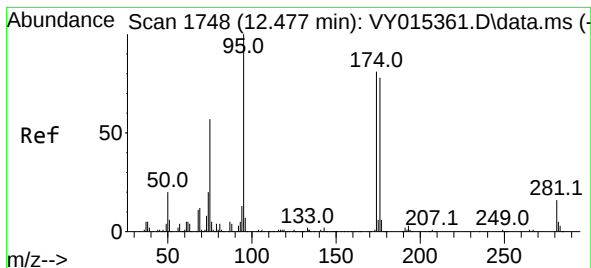
Tgt Ion: 78 Resp: 1220501
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6



#50
Toluene-d8
Concen: 55.725 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015519.D
Acq: 12 Sep 2023 19:46

Tgt Ion: 98 Resp: 626888
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

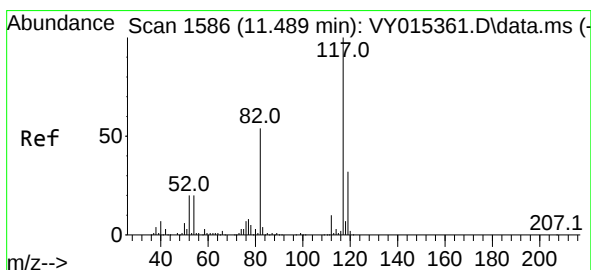
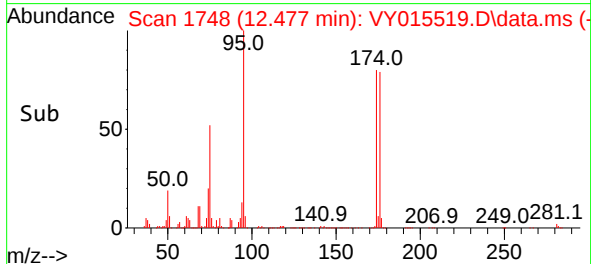
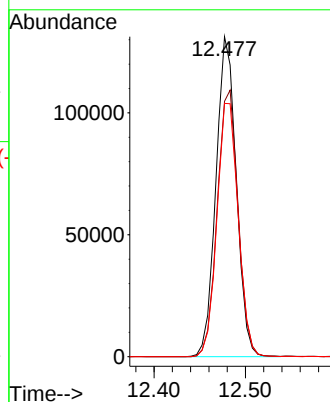
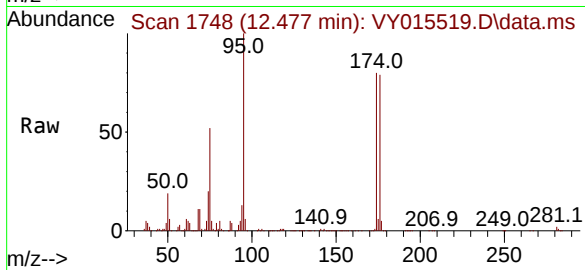




#62
4-Bromofluorobenzene
Concen: 48.477 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015519.D
Acq: 12 Sep 2023 19:46

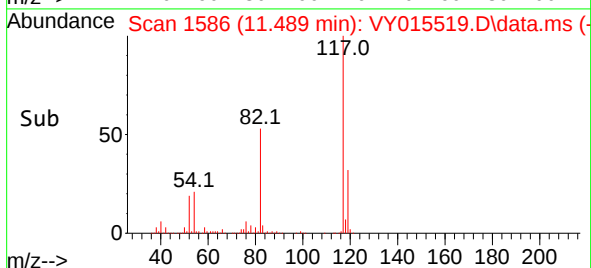
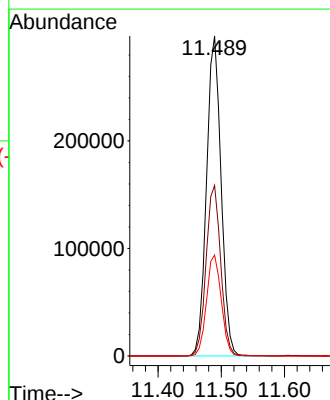
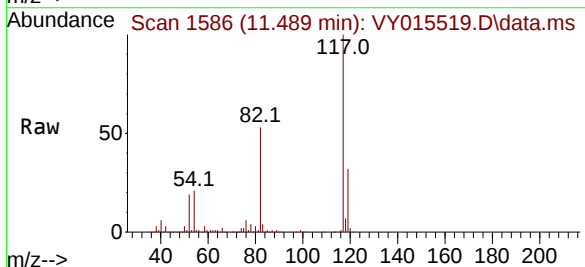
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CPT103-18(8.5-9)

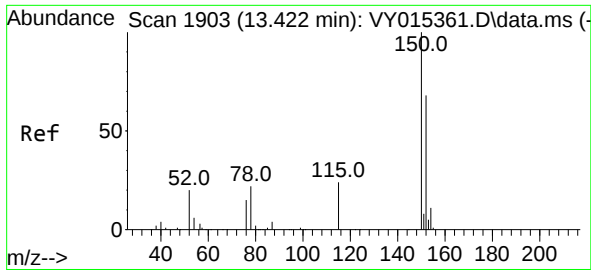
Tgt Ion: 95 Resp: 202453
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 83.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015519.D
Acq: 12 Sep 2023 19:46

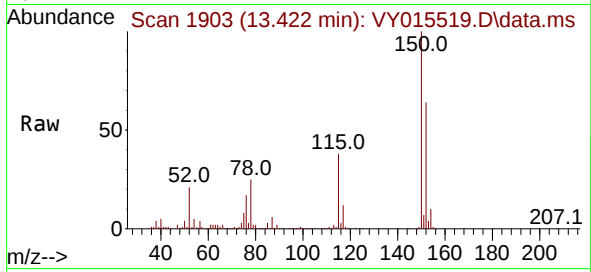
Tgt Ion: 117 Resp: 476519
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 31.6 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015519.D
 Acq: 12 Sep 2023 19:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 CPT103-18(8.5-9)



Tgt Ion:152 Resp: 208489
 Ion Ratio Lower Upper
 152 100
 115 57.6 28.8 86.5
 150 156.8 0.0 348.8

