

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092923\
 Data File : VY015761.D
 Acq On : 29 Sep 2023 18:16
 Operator : SY/MD
 Sample : 04613-04
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1018

Quant Time: Sep 30 01:15:56 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)

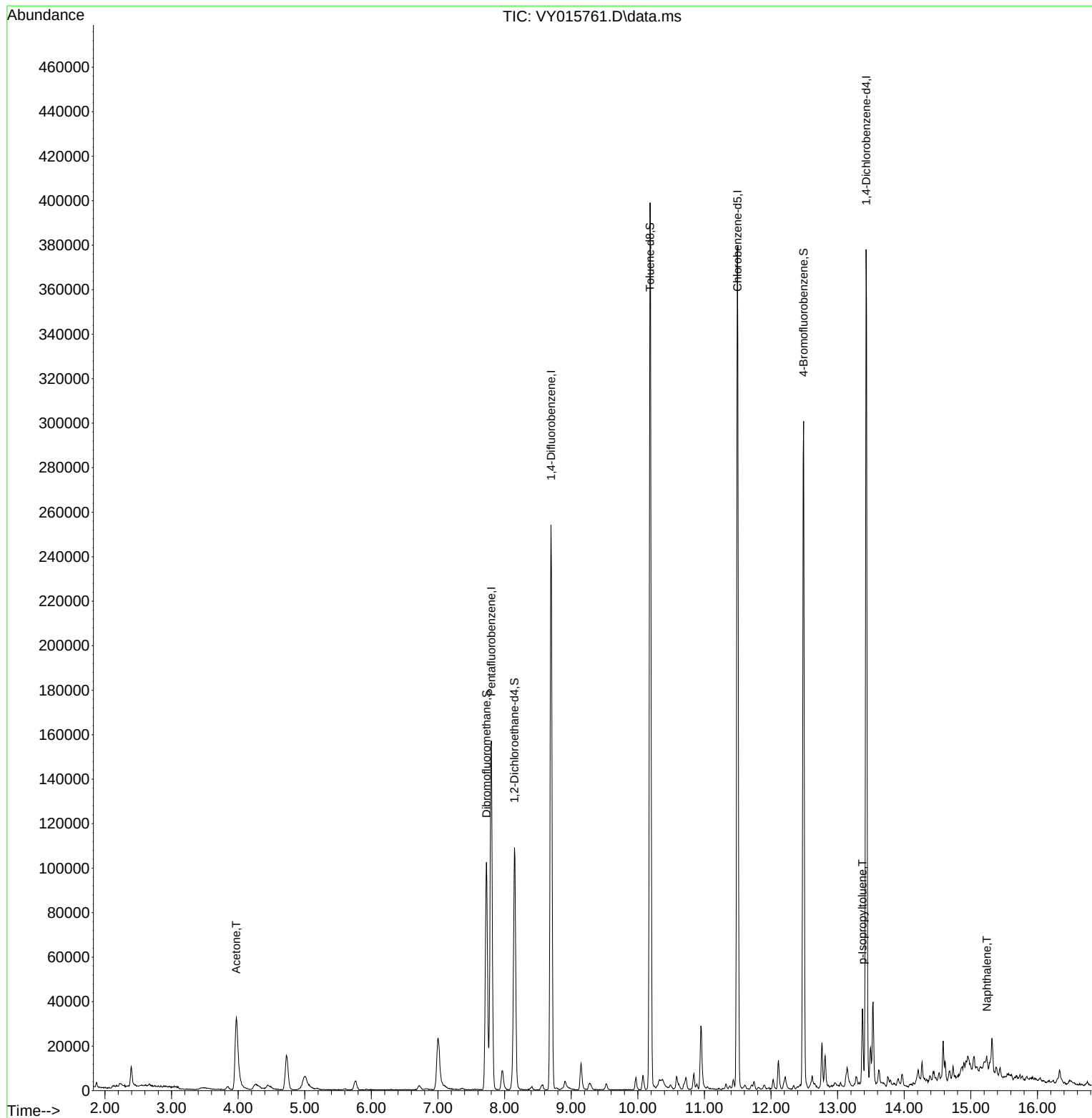
Internal Standards						
1) Pentafluorobenzene	7.801	168	123584	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	219963	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	208308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	83958	61.744	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.480%	
35) Dibromofluoromethane	7.728	113	71796	54.533	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.060%	
50) Toluene-d8	10.185	98	261995	58.691	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.380%	
62) 4-Bromofluorobenzene	12.489	95	89830	51.278	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.560%	
Target Compounds						
					Qvalue	
16) Acetone	3.972	43	72381	99.467	ug/l	94
86) p-Isopropyltoluene	13.373	119	17588	2.664	ug/l	99
95) Naphthalene	15.239	128	6144	1.156	ug/l	97

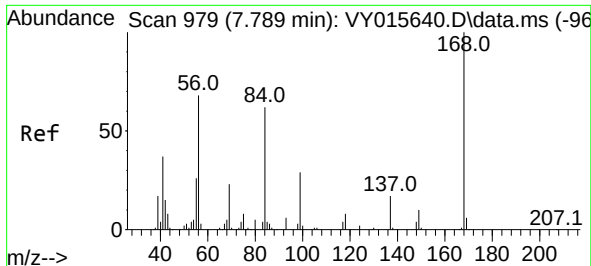
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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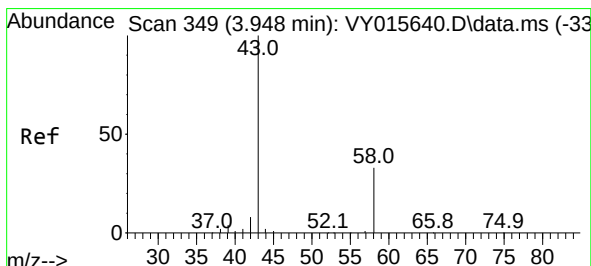
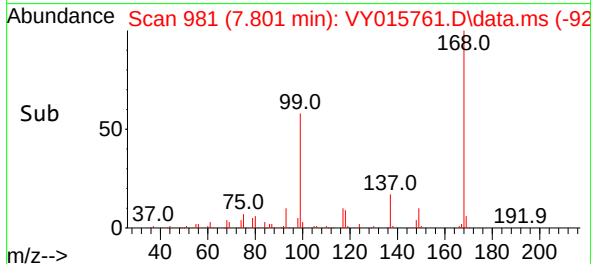
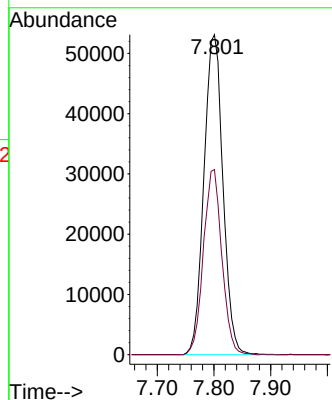
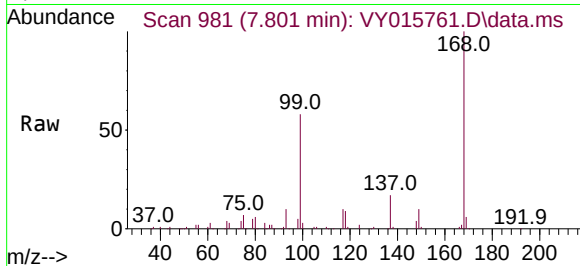




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015761.D
Acq: 29 Sep 2023 18:16

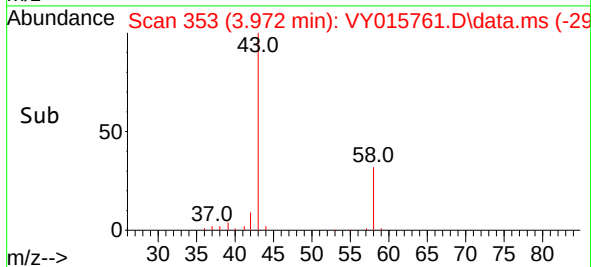
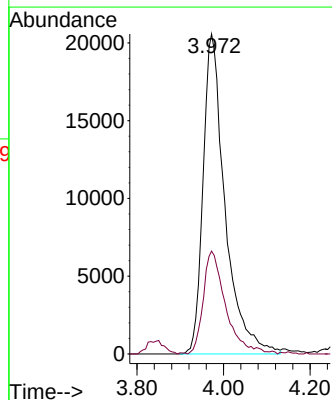
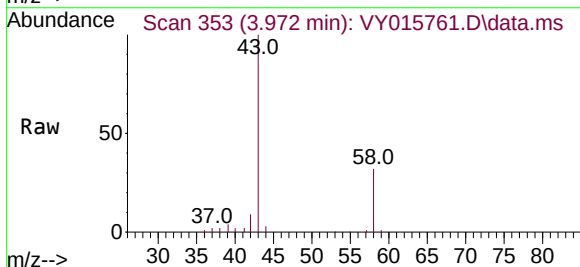
Instrument :
MSVOA_Y
ClientSampleId :
1018

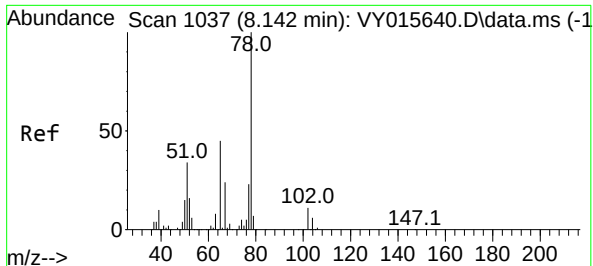
Tgt Ion:168 Resp: 123584
Ion Ratio Lower Upper
168 100
99 57.9 43.4 65.0



#16
Acetone
Concen: 99.467 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.030 min
Lab File: VY015761.D
Acq: 29 Sep 2023 18:16

Tgt Ion: 43 Resp: 72381
Ion Ratio Lower Upper
43 100
58 31.8 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 61.744 ug/l

RT: 8.148 min Scan# 1037

Delta R.T. 0.012 min

Lab File: VY015761.D

Acq: 29 Sep 2023 18:16

Instrument :

MSVOA_Y

ClientSampleId :

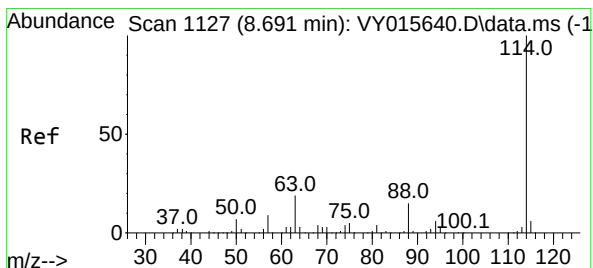
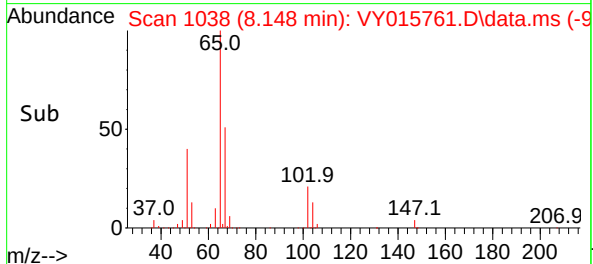
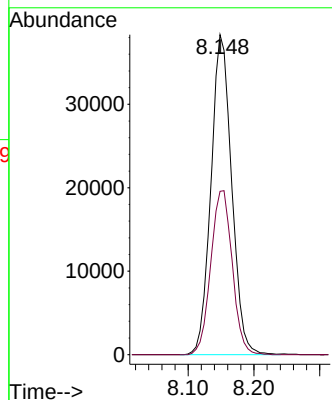
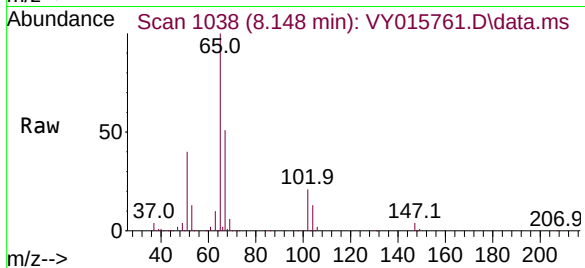
1018

Tgt Ion: 65 Resp: 83958

Ion Ratio Lower Upper

65 100

67 53.1 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: VY015761.D

Acq: 29 Sep 2023 18:16

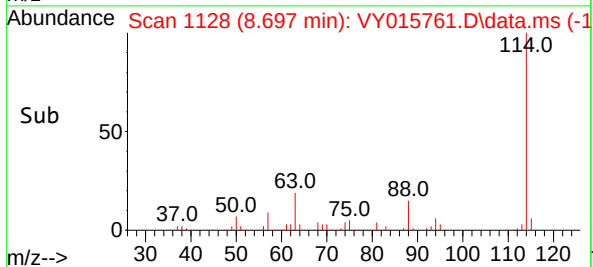
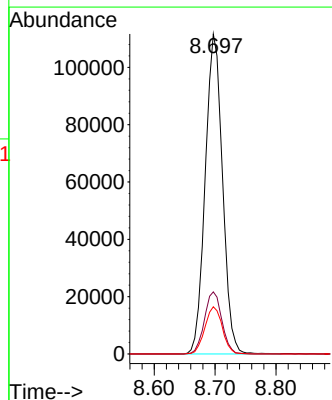
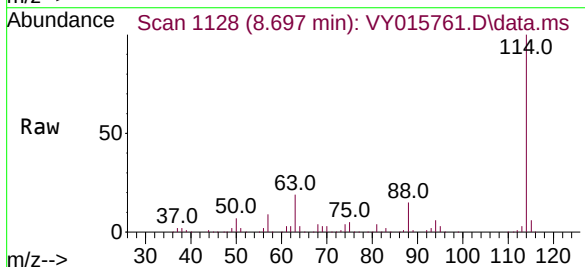
Tgt Ion: 114 Resp: 219963

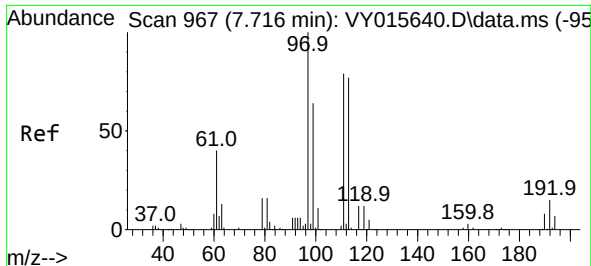
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 14.8 0.0 30.6

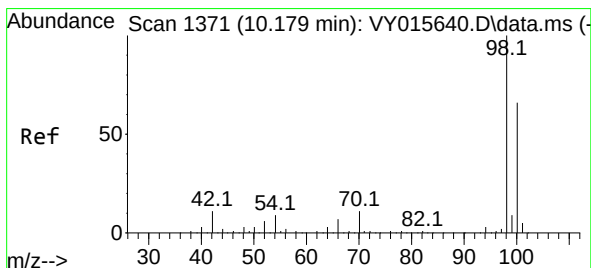
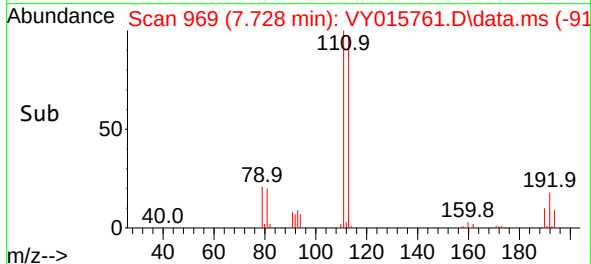
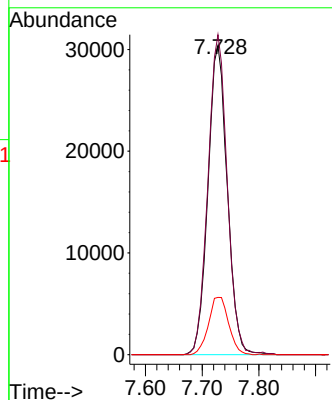
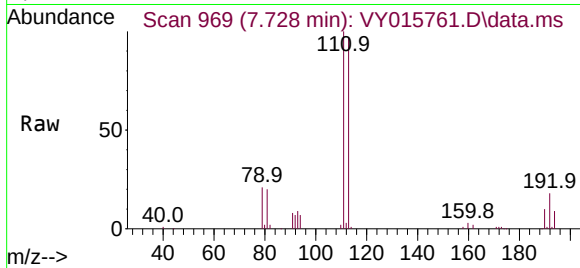




#35
Dibromofluoromethane
Concen: 54.533 ug/l
RT: 7.728 min Scan# 901
Delta R.T. 0.012 min
Lab File: VY015761.D
Acq: 29 Sep 2023 18:16

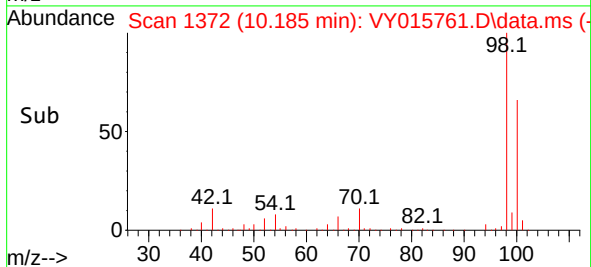
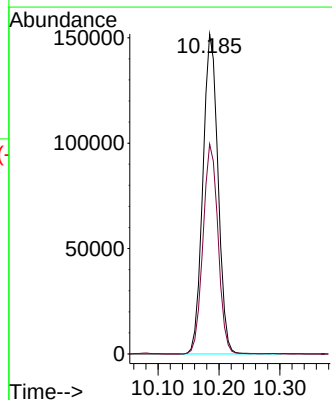
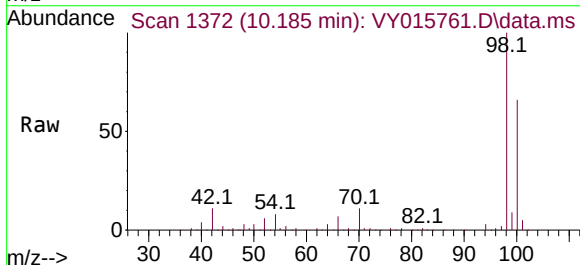
Instrument :
MSVOA_Y
ClientSampleId :
1018

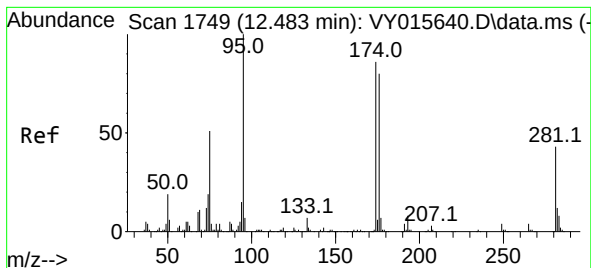
Tgt Ion:113 Resp: 71796
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.4 16.9 25.3



#50
Toluene-d8
Concen: 58.691 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015761.D
Acq: 29 Sep 2023 18:16

Tgt Ion: 98 Resp: 261995
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

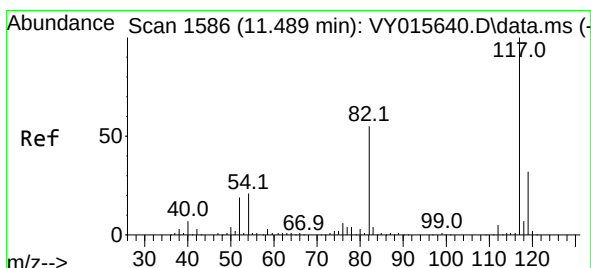
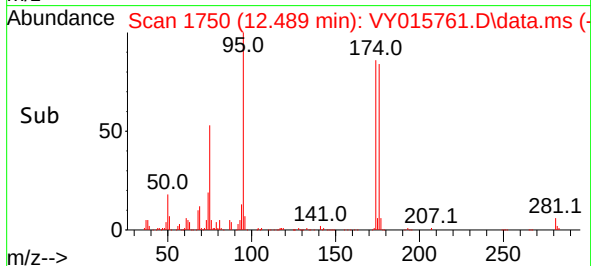
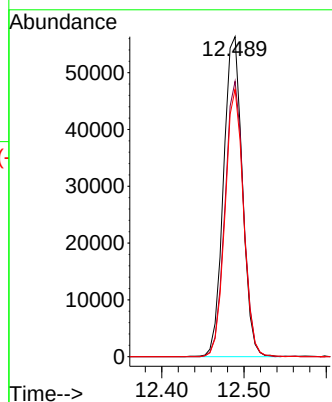
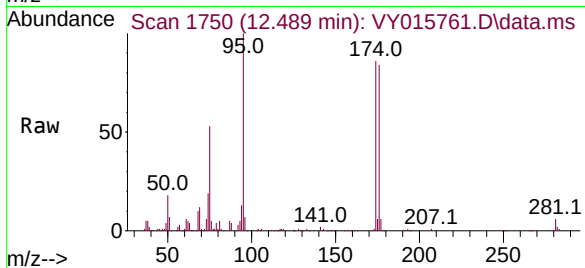




#62
4-Bromofluorobenzene
Concen: 51.278 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015761.D
Acq: 29 Sep 2023 18:16

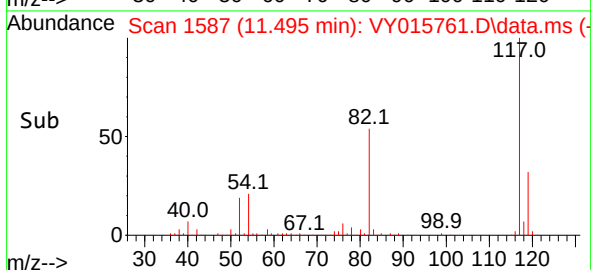
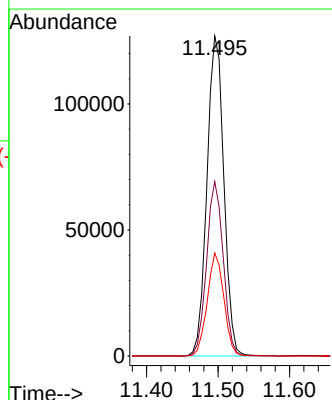
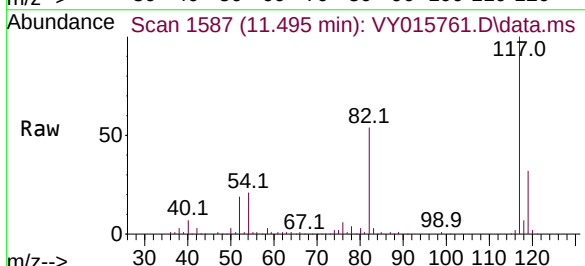
Instrument :
MSVOA_Y
ClientSampleId :
1018

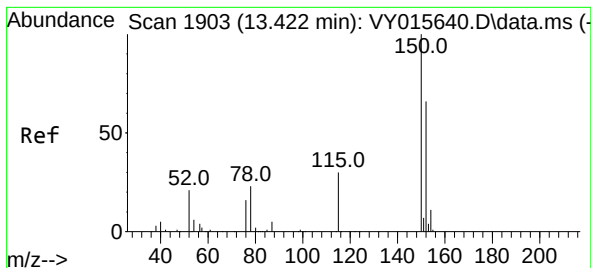
Tgt Ion: 95 Resp: 89830
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 81.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015761.D
Acq: 29 Sep 2023 18:16

Tgt Ion: 117 Resp: 208308
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 32.2 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY015761.D

Acq: 29 Sep 2023 18:16

Instrument :

MSVOA_Y

ClientSampleId :

1018

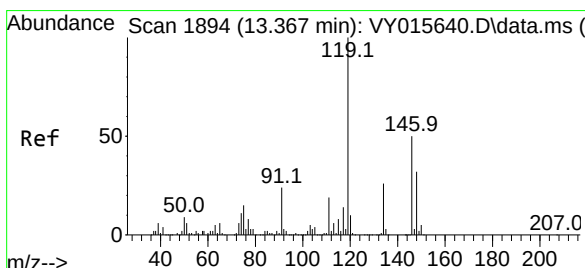
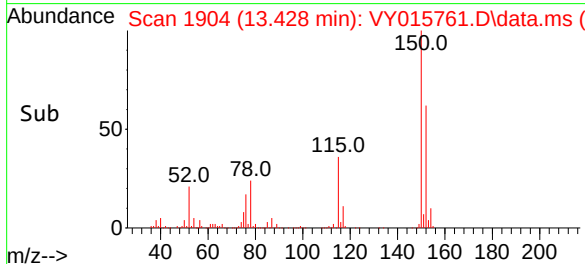
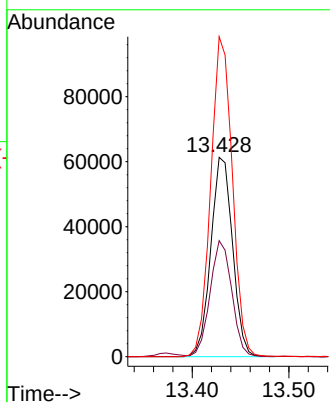
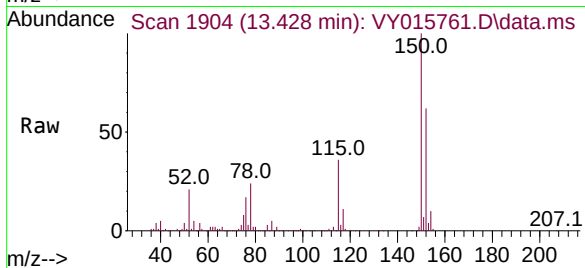
Tgt Ion:152 Resp: 96003

Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 159.1 0.0 348.8



#86

p-Isopropyltoluene

Concen: 2.664 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015761.D

Acq: 29 Sep 2023 18:16

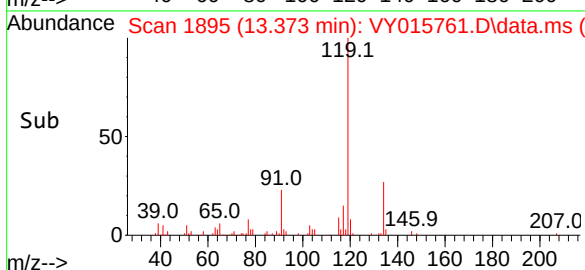
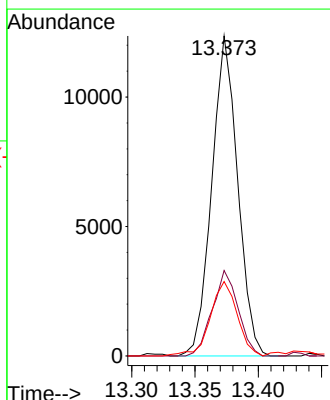
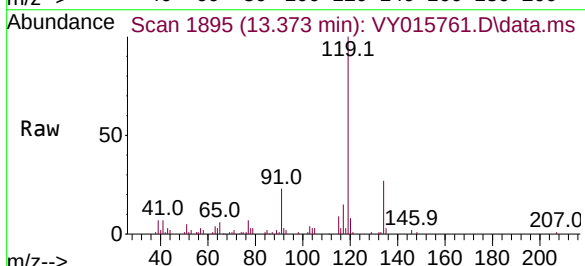
Tgt Ion:119 Resp: 17588

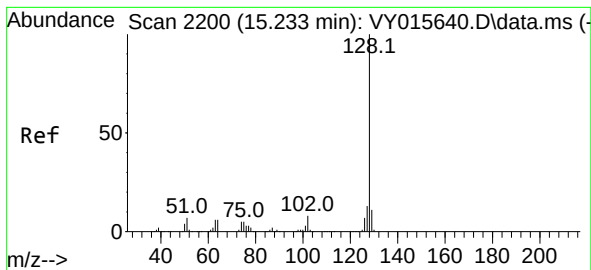
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 24.2 12.4 37.4





#95

Naphthalene

Concen: 1.156 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY015761.D

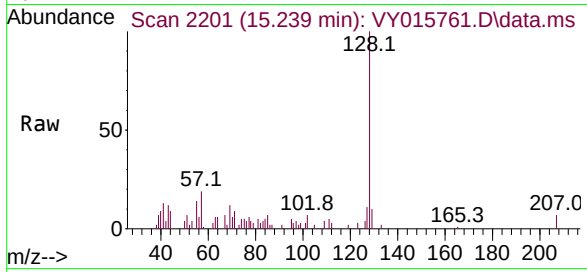
Acq: 29 Sep 2023 18:16

Instrument :

MSVOA_Y

ClientSampleId :

1018



Tgt Ion:128 Resp: 6144

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

129 12.3 8.6 13.0

