

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031423\
 Data File : VY012944.D
 Acq On : 14 Mar 2023 15:47
 Operator : KP/MD
 Sample : 01900-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HT-OILYSTONE-0313

Quant Time: Mar 15 01:43:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

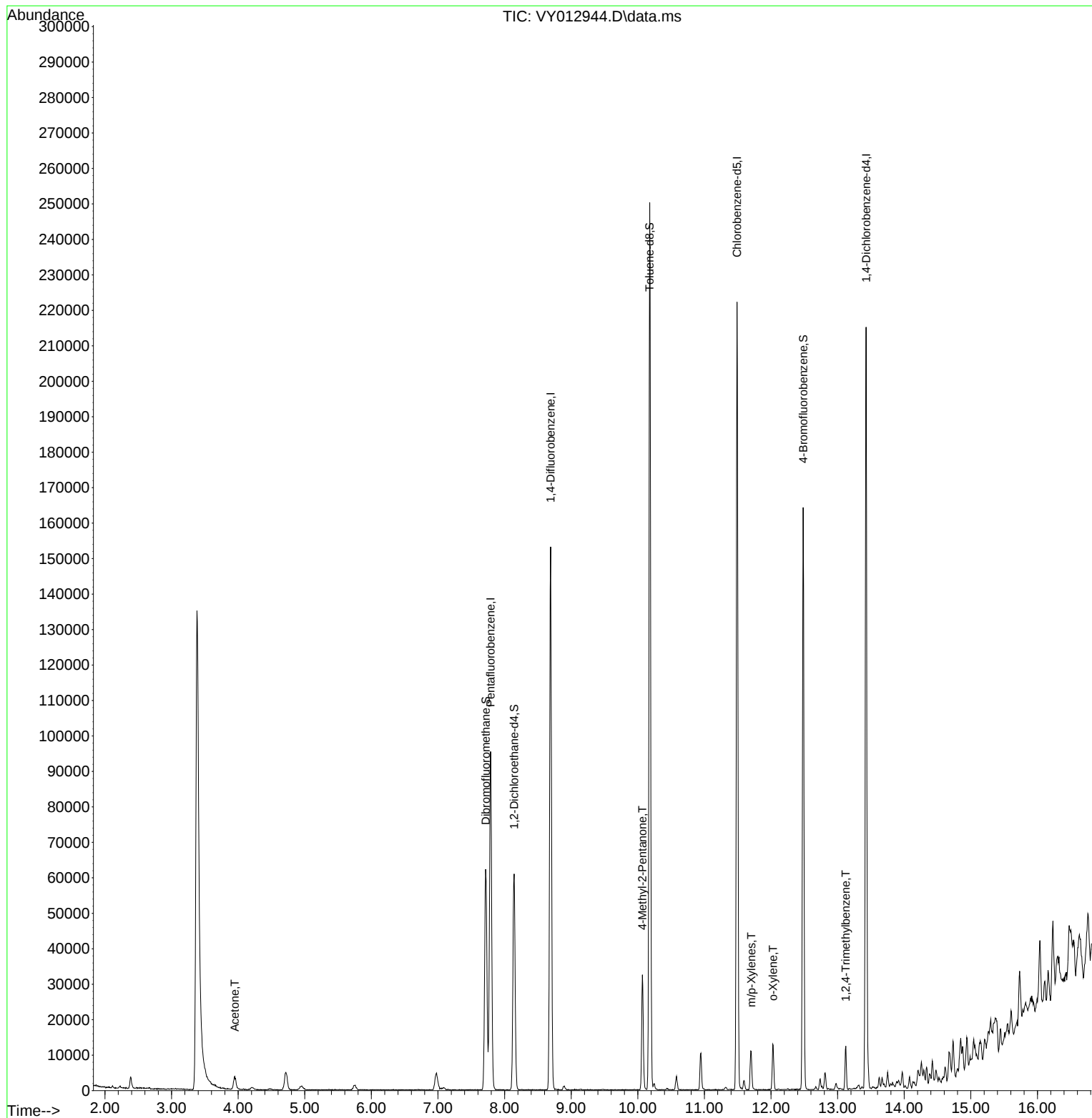
Internal Standards						
1) Pentafluorobenzene	7.789	168	74124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	126879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	117769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	48556	65.977	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 131.960%			
35) Dibromofluoromethane	7.716	113	44157	57.668	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.340%			
50) Toluene-d8	10.179	98	161439	57.671	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 115.340%			
62) 4-Bromofluorobenzene	12.483	95	46726	49.454	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.900%			
Target Compounds						
16) Acetone	3.948	43	6333	21.924	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	21052	26.897	ug/l	99
68) m/p-Xylenes	11.703	106	3321	1.987	ug/l	100
69) o-Xylene	12.032	106	3386	2.170	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	6215	1.989	ug/l	99

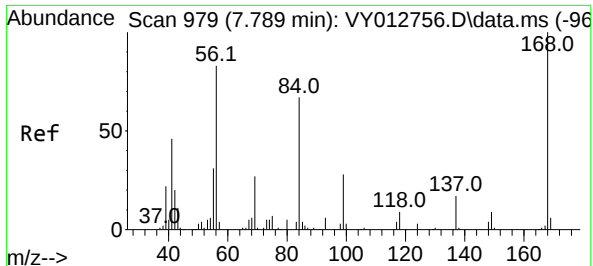
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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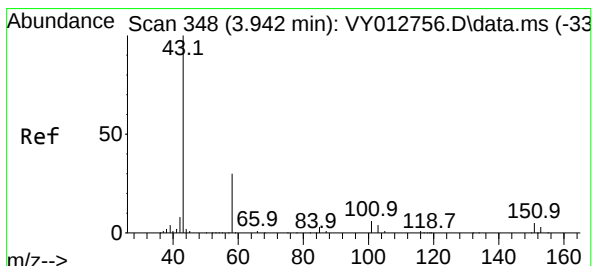
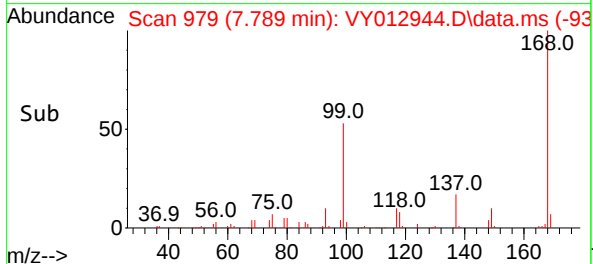
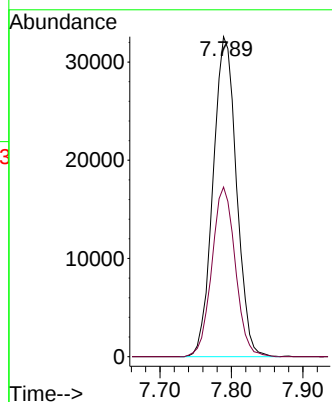
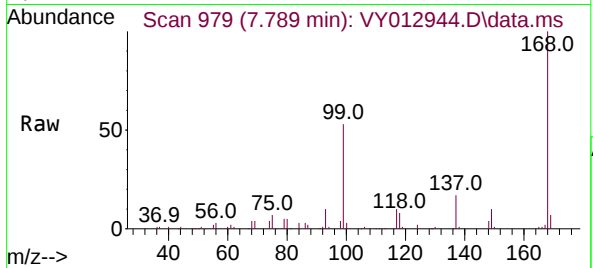




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012944.D
Acq: 14 Mar 2023 15:47

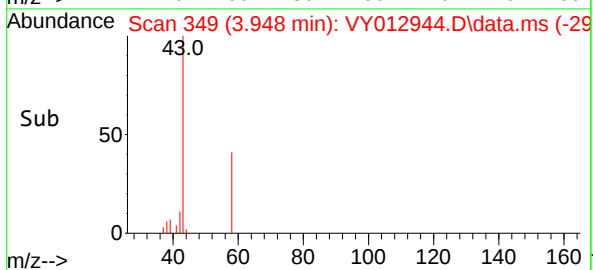
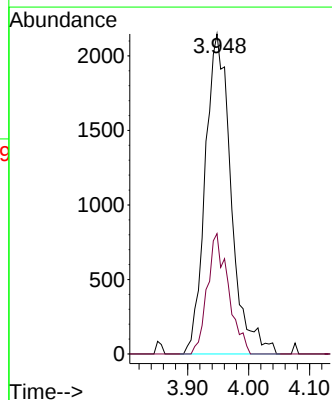
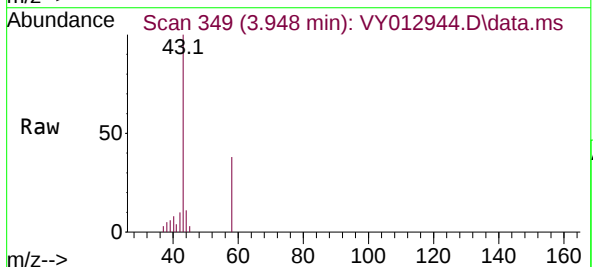
Instrument :
MSVOA_Y
ClientSampleId :
HT-OILYSTONE-0313

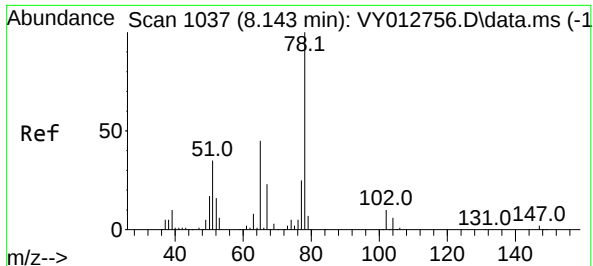
Tgt Ion:168 Resp: 74124
Ion Ratio Lower Upper
168 100
99 53.0 41.7 62.5



#16
Acetone
Concen: 21.924 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012944.D
Acq: 14 Mar 2023 15:47

Tgt Ion: 43 Resp: 6333
Ion Ratio Lower Upper
43 100
58 37.6 24.2 36.2#





#33

1,2-Dichloroethane-d4

Concen: 65.977 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012944.D

Acq: 14 Mar 2023 15:47

Instrument :

MSVOA_Y

ClientSampleId :

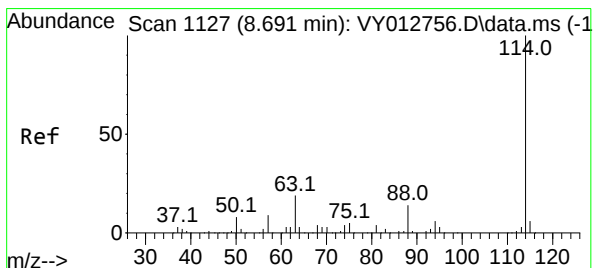
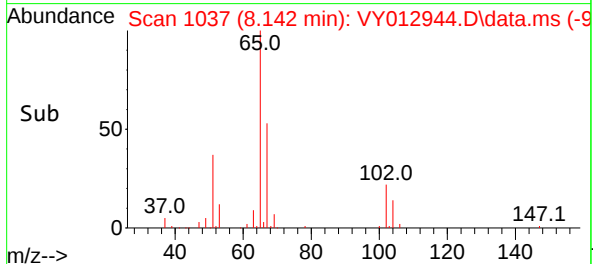
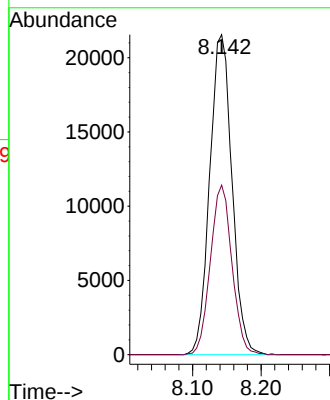
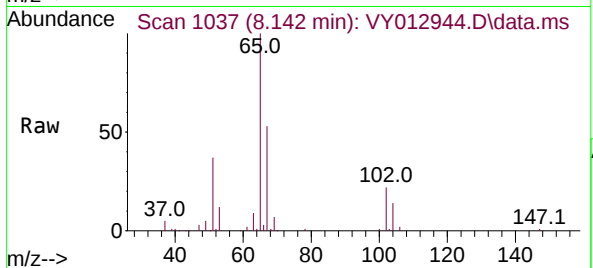
HT-OILYSTONE-0313

Tgt Ion: 65 Resp: 48556

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012944.D

Acq: 14 Mar 2023 15:47

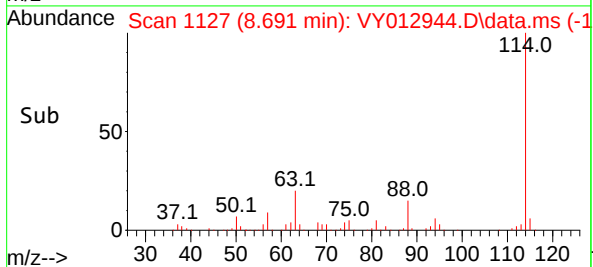
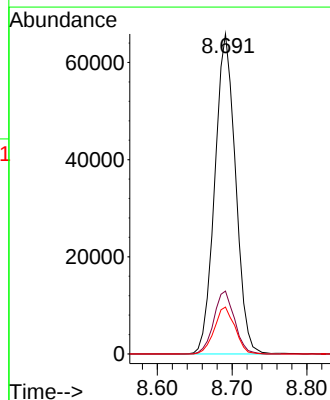
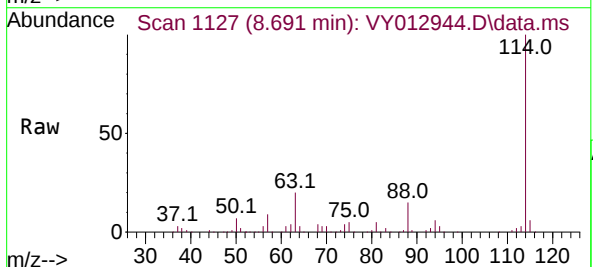
Tgt Ion: 114 Resp: 126879

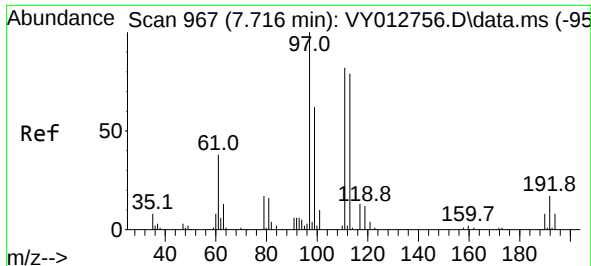
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.6 0.0 28.6

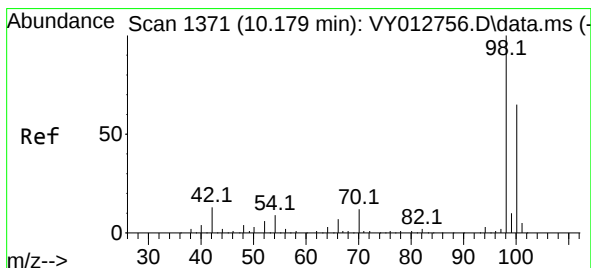
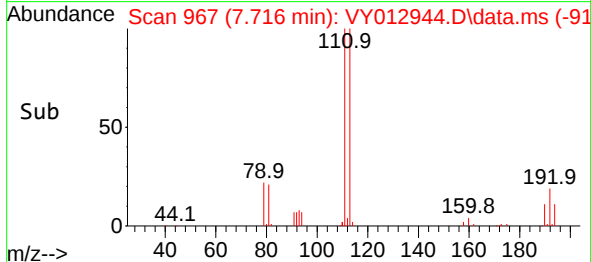
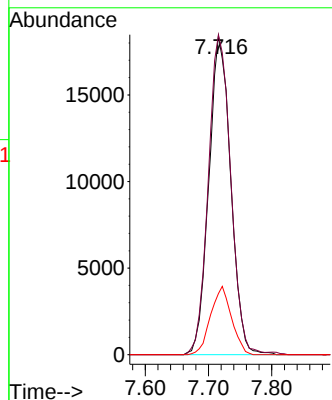
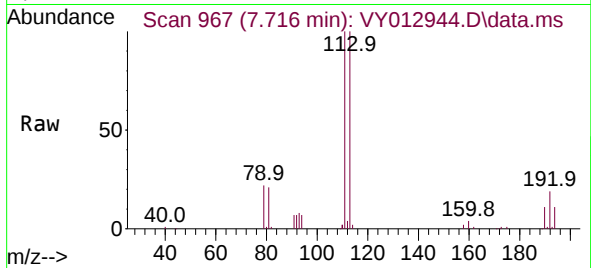




#35
Dibromofluoromethane
Concen: 57.668 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012944.D
Acq: 14 Mar 2023 15:47

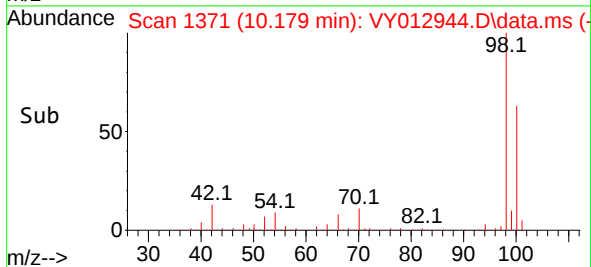
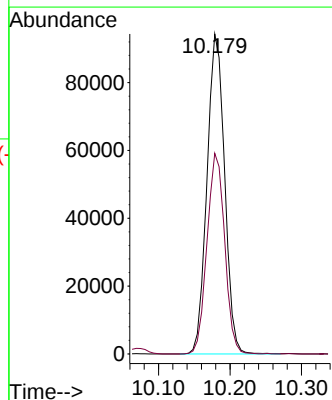
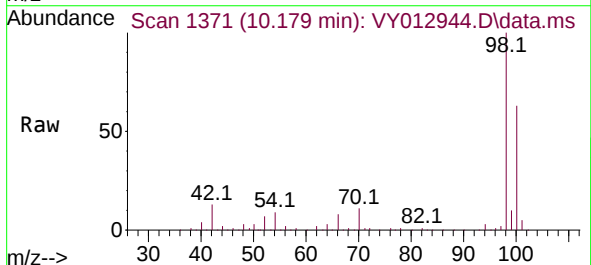
Instrument :
MSVOA_Y
ClientSampleId :
HT-OILYSTONE-0313

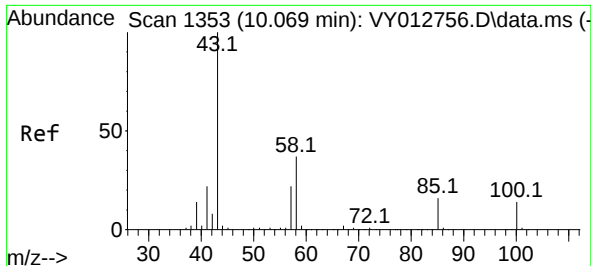
Tgt Ion:113 Resp: 44157
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 20.5 16.8 25.2



#50
Toluene-d8
Concen: 57.671 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012944.D
Acq: 14 Mar 2023 15:47

Tgt Ion: 98 Resp: 161439
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3

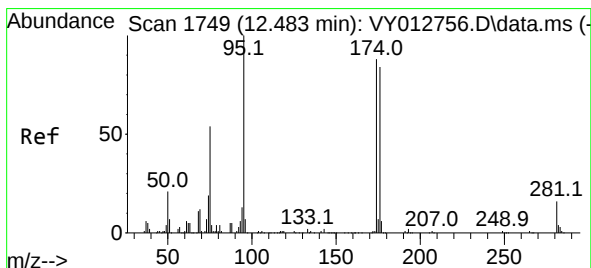
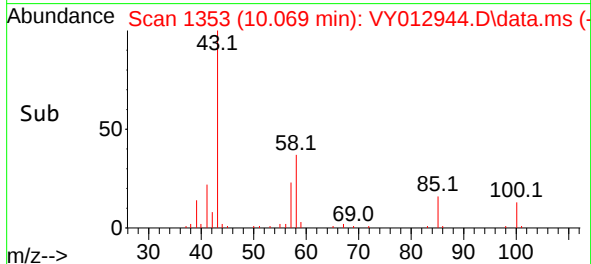
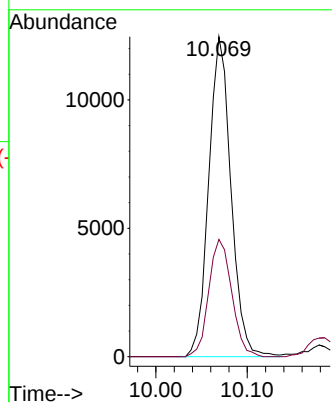
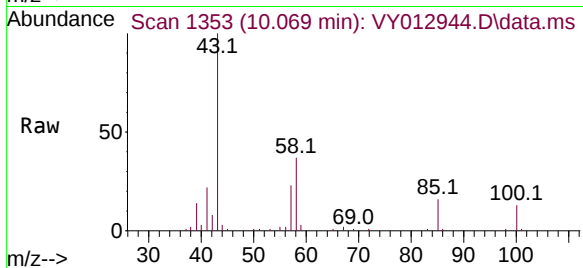




#51
4-Methyl-2-Pentanone
Concen: 26.897 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012944.D
Acq: 14 Mar 2023 15:47

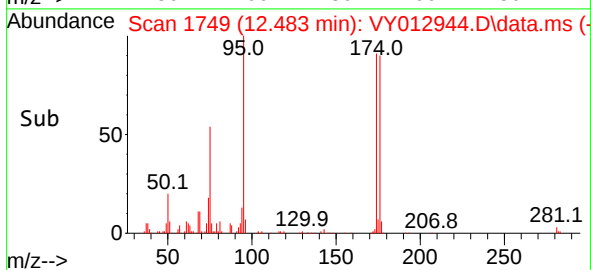
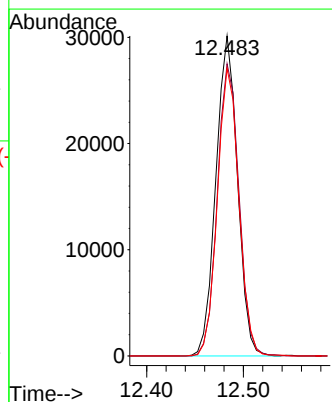
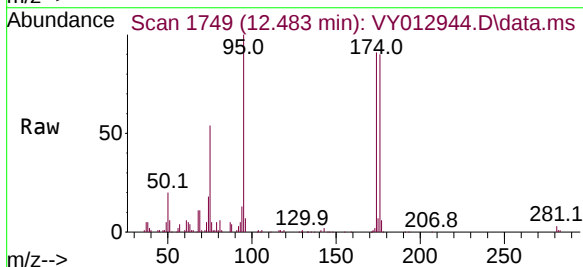
Instrument :
MSVOA_Y
ClientSampleId :
HT-OILYSTONE-0313

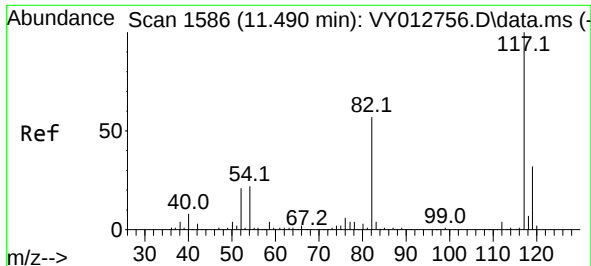
Tgt Ion: 43 Resp: 21052
Ion Ratio Lower Upper
43 100
58 37.8 29.8 44.6



#62
4-Bromofluorobenzene
Concen: 49.454 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012944.D
Acq: 14 Mar 2023 15:47

Tgt Ion: 95 Resp: 46726
Ion Ratio Lower Upper
95 100
174 91.4 0.0 176.6
176 89.2 0.0 170.2

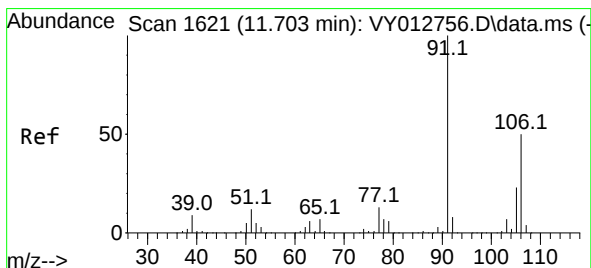
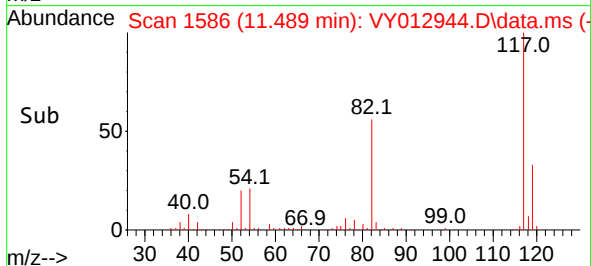
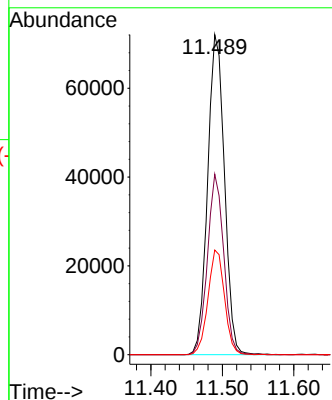
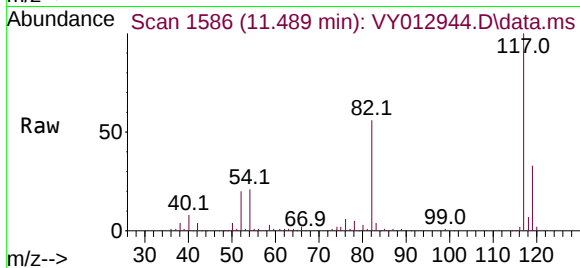




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117769
Delta R.T. -0.000 min
Lab File: VY012944.D
Acq: 14 Mar 2023 15:47

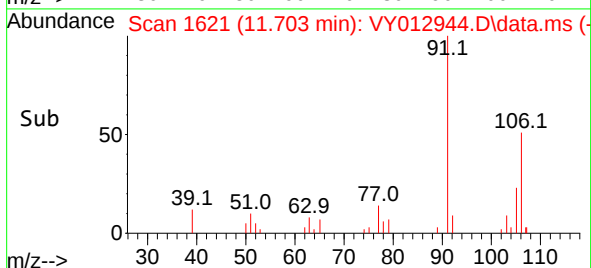
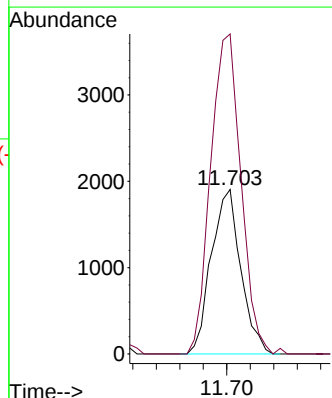
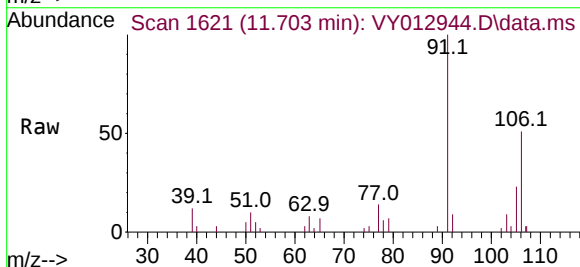
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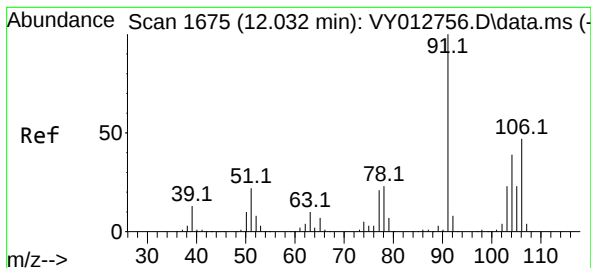
Tgt Ion:117 Resp: 117769
Ion Ratio Lower Upper
117 100
82 56.4 45.4 68.0
119 32.7 25.6 38.4



#68
m/p-Xylenes
Concen: 1.987 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012944.D
Acq: 14 Mar 2023 15:47

Tgt Ion:106 Resp: 3321
Ion Ratio Lower Upper
106 100
91 200.3 159.8 239.8





#69

o-Xylene

Concen: 2.170 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012944.D

Acq: 14 Mar 2023 15:47

Instrument :

MSVOA_Y

ClientSampleId :

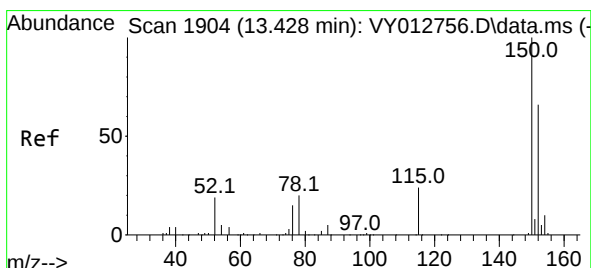
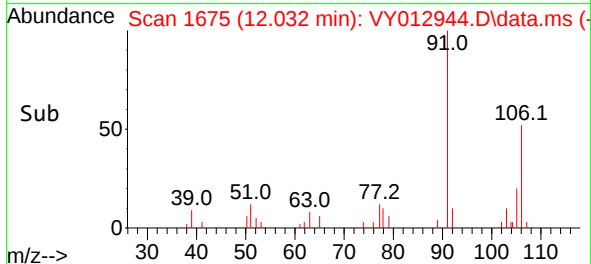
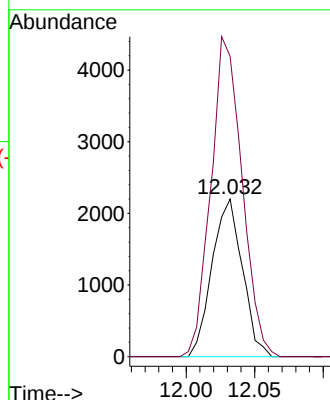
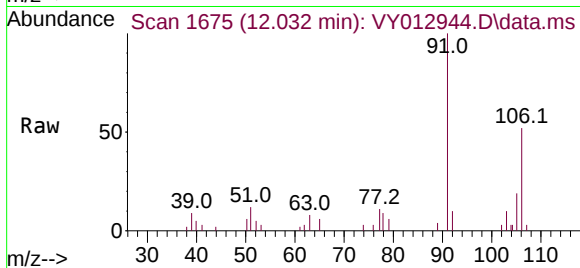
HT-OILYSTONE-0313

Tgt Ion:106 Resp: 3386

Ion Ratio Lower Upper

106 100

91 208.7 107.2 321.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012944.D

Acq: 14 Mar 2023 15:47

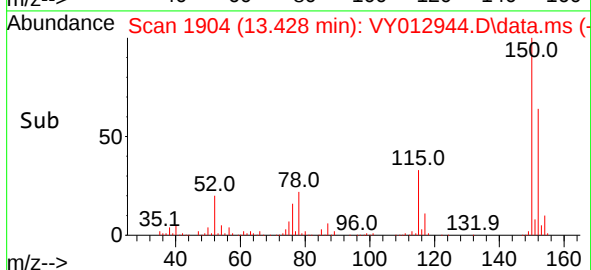
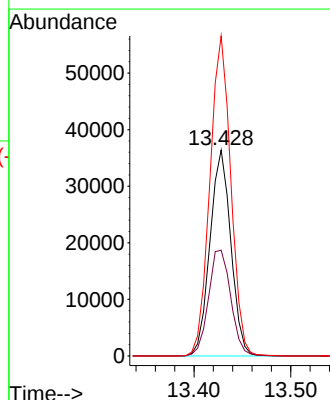
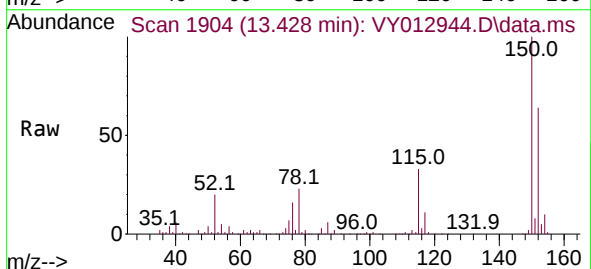
Tgt Ion:152 Resp: 54624

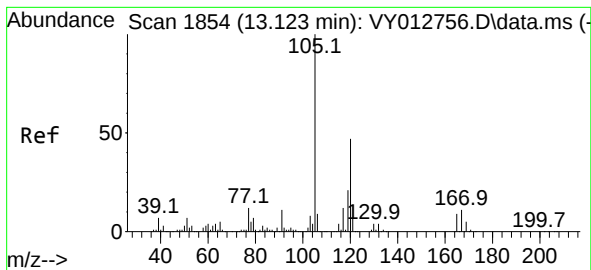
Ion Ratio Lower Upper

152 100

115 55.0 27.1 81.3

150 155.8 0.0 347.8





#84

1,2,4-Trimethylbenzene

Concen: 1.989 ug/l

RT: 13.123 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012944.D

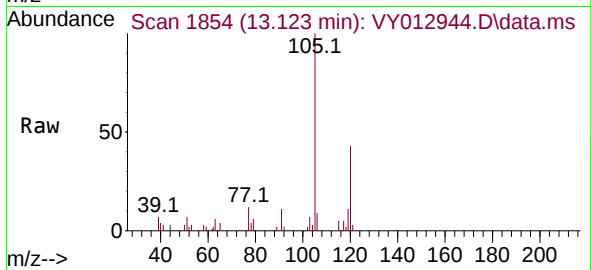
Acq: 14 Mar 2023 15:47

Instrument :

MSVOA_Y

ClientSampleId :

HT-OILYSTONE-0313



Tgt Ion:105 Resp: 6215

Ion Ratio Lower Upper

105 100

120 45.6 23.0 69.0

