

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060823\
 Data File : VY014084.D
 Acq On : 08 Jun 2023 19:36
 Operator : KP/MD
 Sample : 03072-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 30101

Quant Time: Jun 09 04:24:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

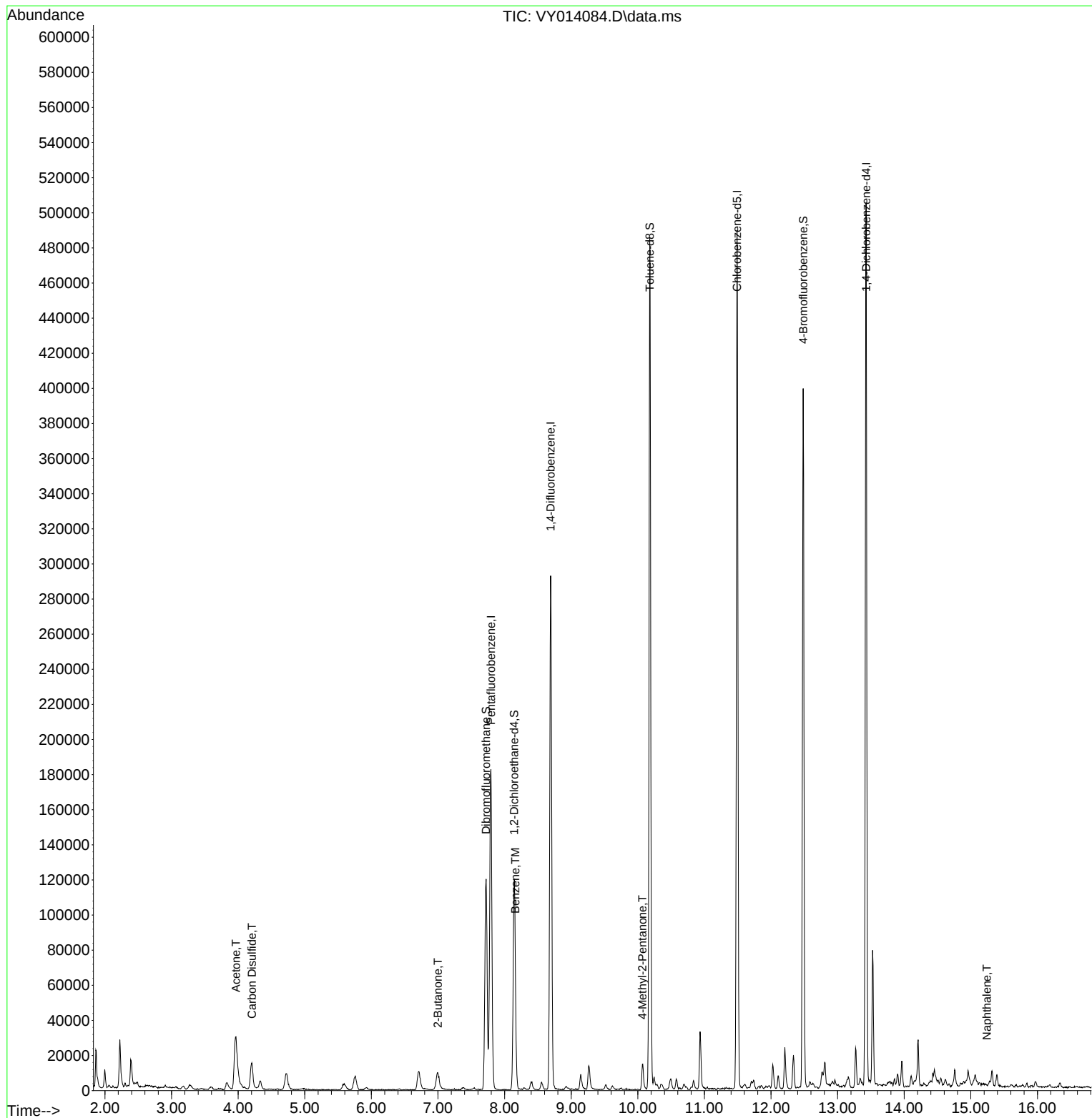
Internal Standards						
1) Pentafluorobenzene	7.795	168	144850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	248716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	257534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	98817	51.535	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.060%	
35) Dibromofluoromethane	7.721	113	83259	52.675	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.340%	
50) Toluene-d8	10.178	98	311786	51.713	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.420%	
62) 4-Bromofluorobenzene	12.483	95	112268	54.620	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.240%	
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	71663	109.237	ug/l	98
17) Carbon Disulfide	4.204	76	30405	6.458	ug/l	98
25) 2-Butanone	6.996	43	14034	17.172	ug/l	94
40) Benzene	8.160	78	9933	1.430	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	10612	5.683	ug/l	97
95) Naphthalene	15.238	128	986	4.038	ug/l #	83

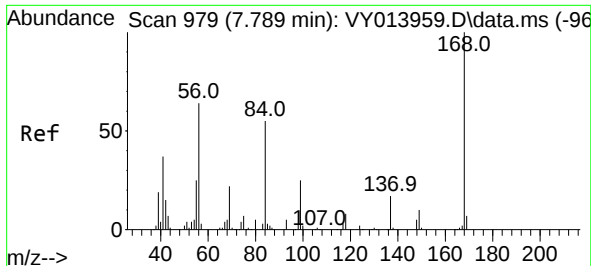
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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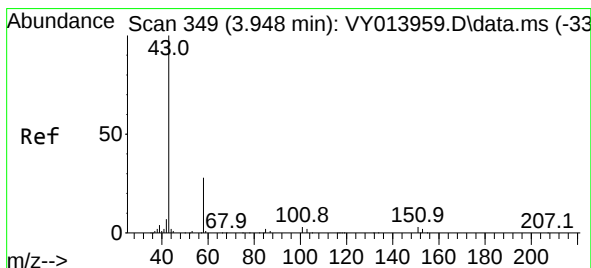
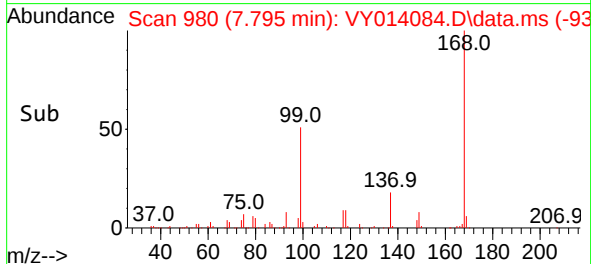
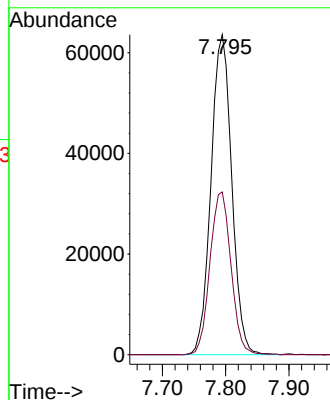
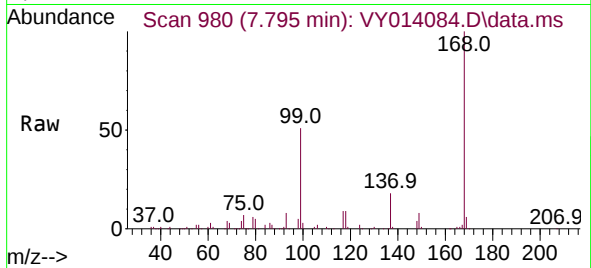




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014084.D
Acq: 08 Jun 2023 19:36

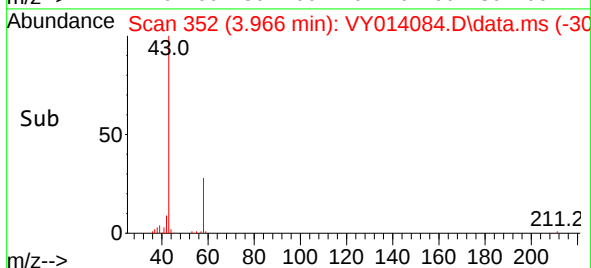
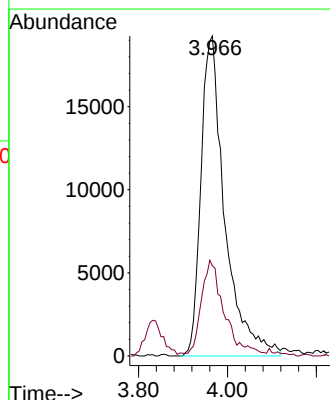
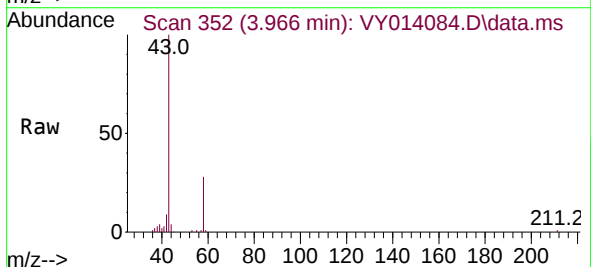
Instrument :
MSVOA_Y
ClientSampleId :
30101

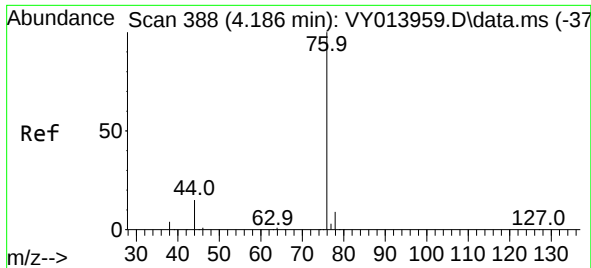
Tgt Ion:168 Resp: 144850
Ion Ratio Lower Upper
168 100
99 50.9 43.4 65.0



#16
Acetone
Concen: 109.237 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.018 min
Lab File: VY014084.D
Acq: 08 Jun 2023 19:36

Tgt Ion: 43 Resp: 71663
Ion Ratio Lower Upper
43 100
58 27.3 22.7 34.1

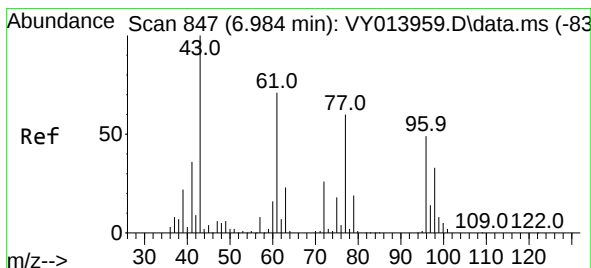
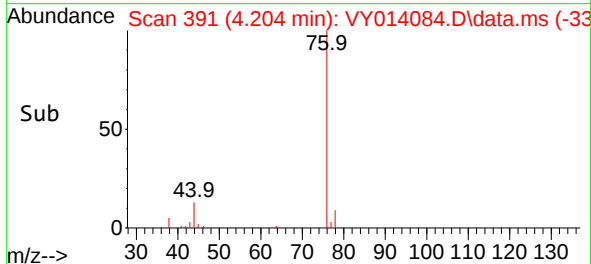
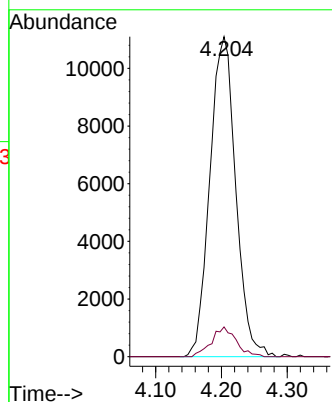
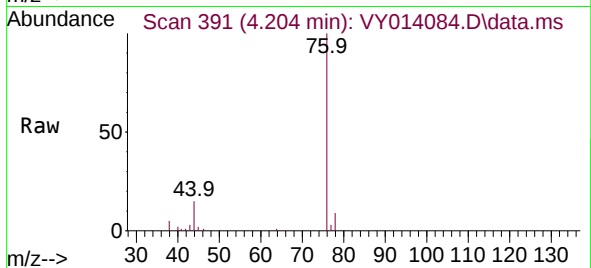




#17
Carbon Disulfide
Concen: 6.458 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY014084.D
Acq: 08 Jun 2023 19:36

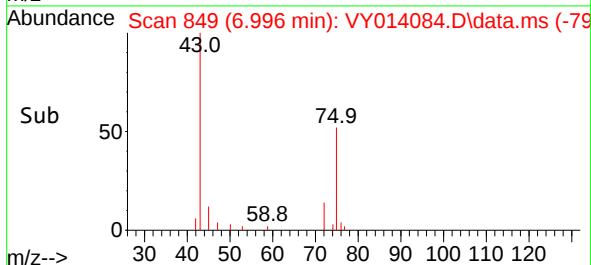
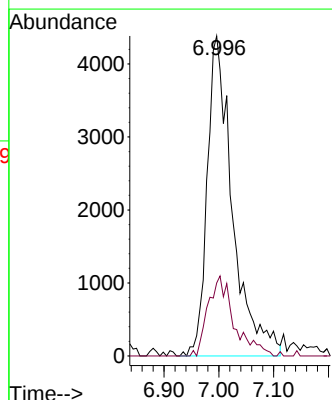
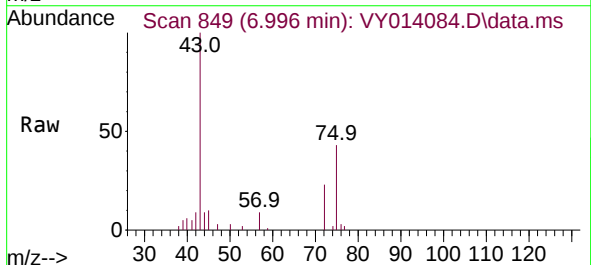
Instrument :
MSVOA_Y
ClientSampleId :
30101

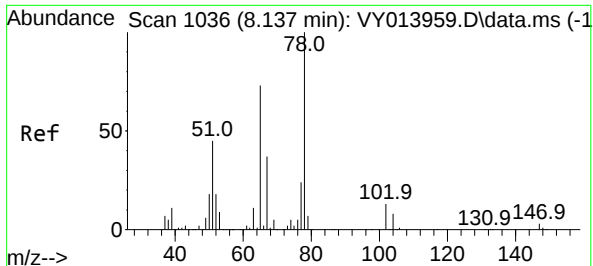
Tgt Ion: 76 Resp: 30405
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#25
2-Butanone
Concen: 17.172 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY014084.D
Acq: 08 Jun 2023 19:36

Tgt Ion: 43 Resp: 14034
Ion Ratio Lower Upper
43 100
72 22.8 20.5 30.7





#33

1,2-Dichloroethane-d4

Concen: 51.535 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY014084.D

Acq: 08 Jun 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

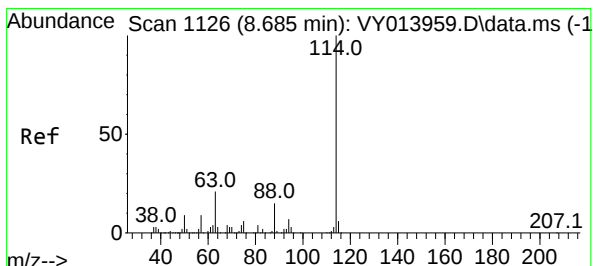
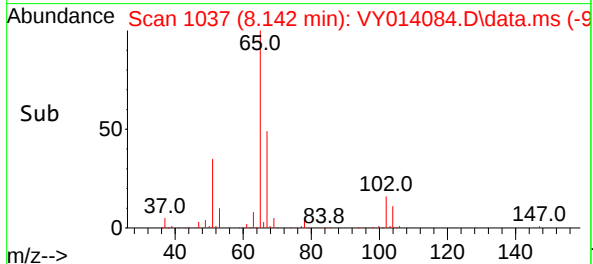
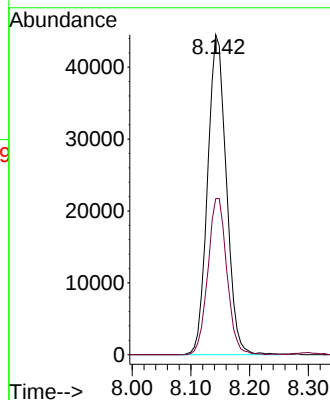
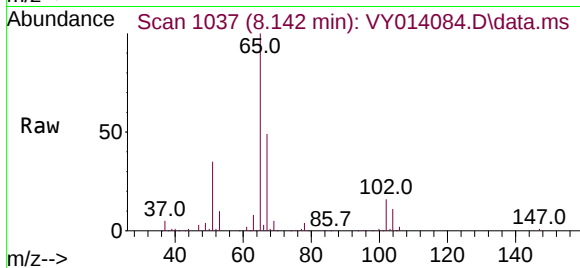
30101

Tgt Ion: 65 Resp: 98817

Ion Ratio Lower Upper

65 100

67 49.5 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: VY014084.D

Acq: 08 Jun 2023 19:36

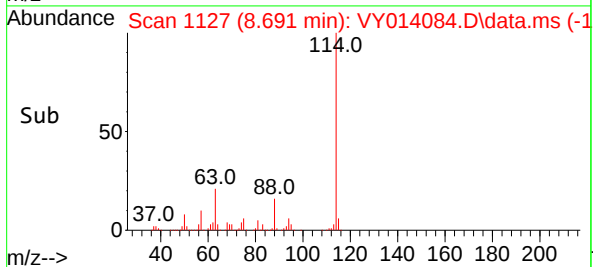
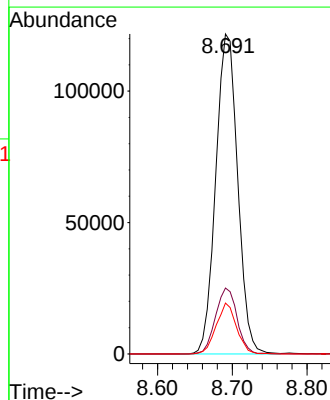
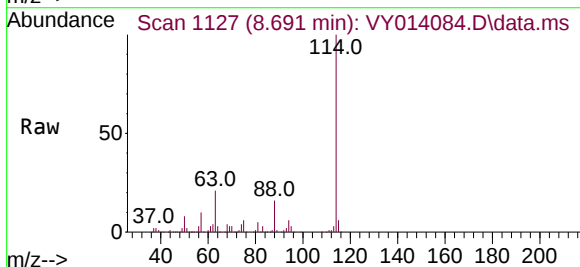
Tgt Ion: 114 Resp: 248716

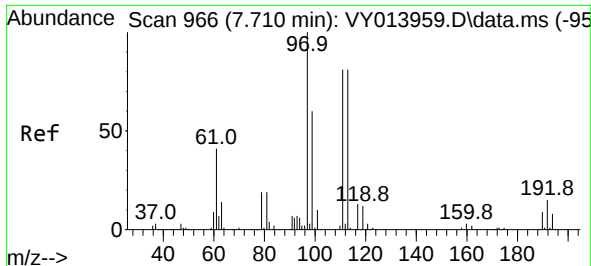
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.4

88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.675 ug/l

RT: 7.721 min Scan# 9

Delta R.T. 0.012 min

Lab File: VY014084.D

Acq: 08 Jun 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

30101

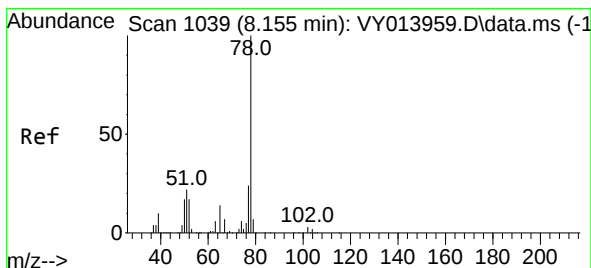
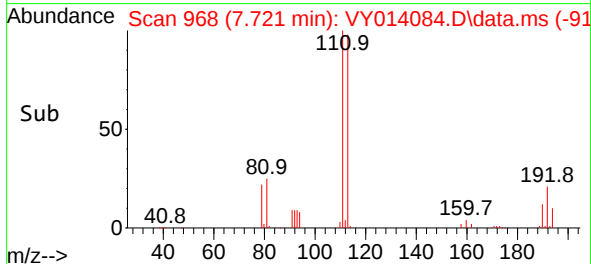
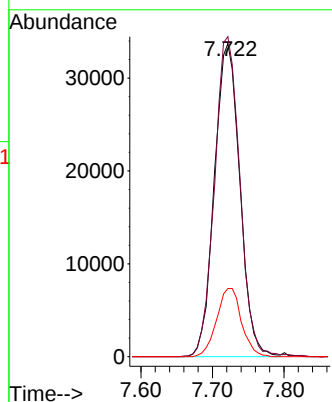
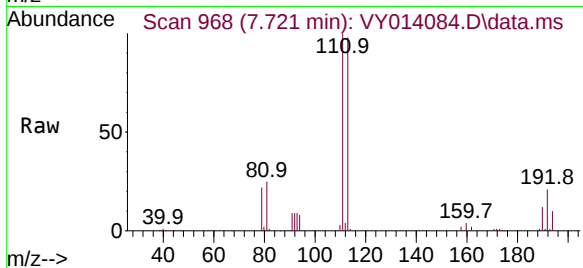
Tgt Ion:113 Resp: 83259

Ion Ratio Lower Upper

113 100

111 102.0 81.3 121.9

192 21.3 16.9 25.3



#40

Benzene

Concen: 1.430 ug/l

RT: 8.160 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY014084.D

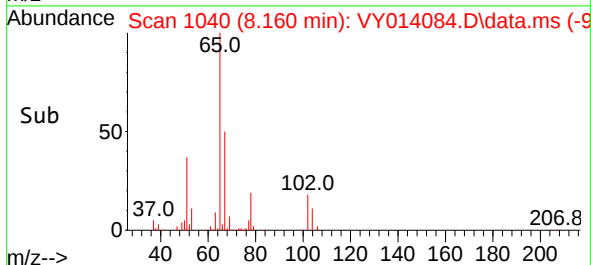
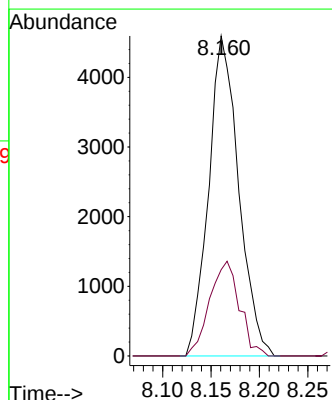
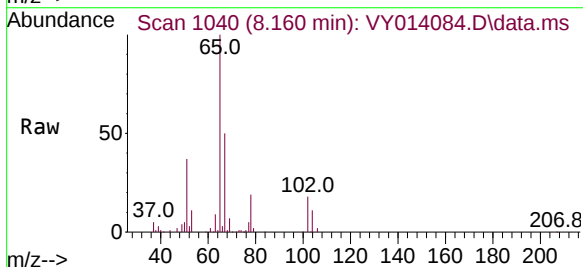
Acq: 08 Jun 2023 19:36

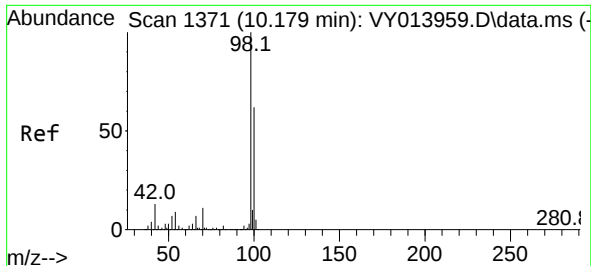
Tgt Ion: 78 Resp: 9933

Ion Ratio Lower Upper

78 100

77 26.9 19.0 28.6

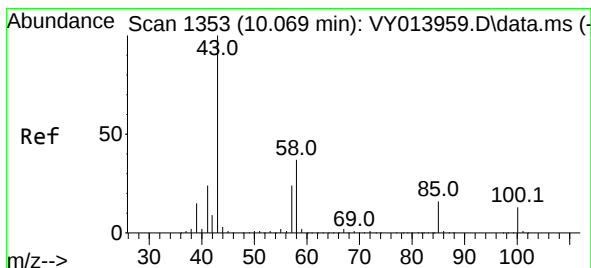
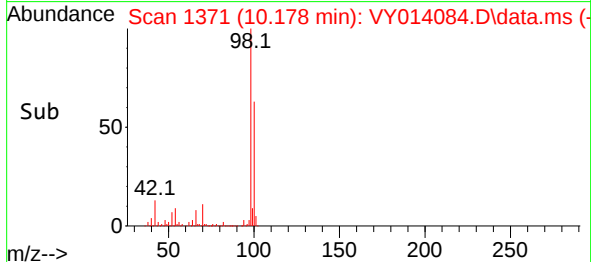
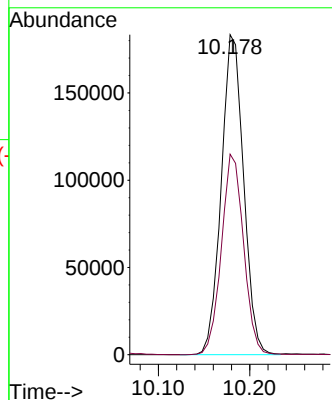
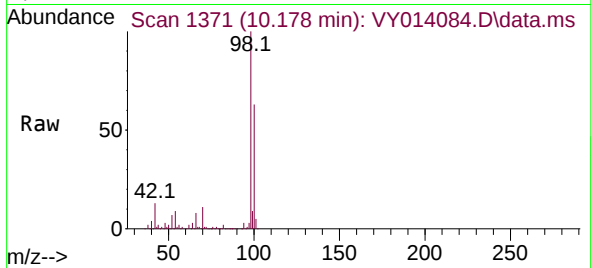




#50
Toluene-d8
Concen: 51.713 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014084.D
Acq: 08 Jun 2023 19:36

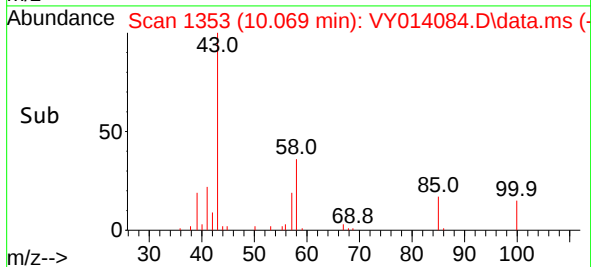
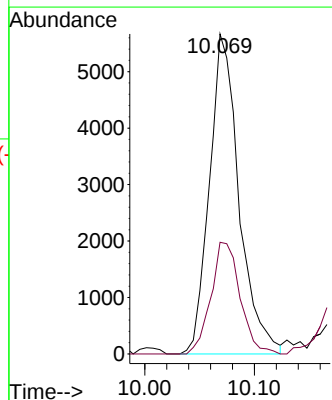
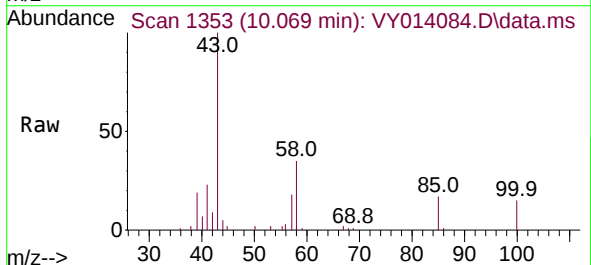
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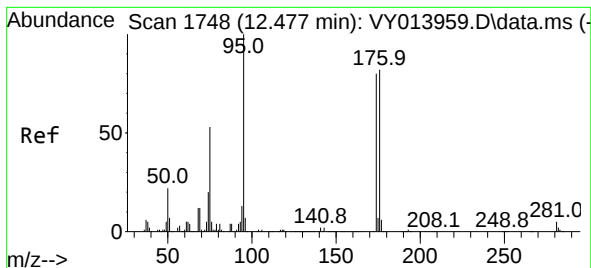
Tgt Ion: 98 Resp: 311786
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 5.683 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014084.D
Acq: 08 Jun 2023 19:36

Tgt Ion: 43 Resp: 10612
Ion Ratio Lower Upper
43 100
58 34.4 29.0 43.6

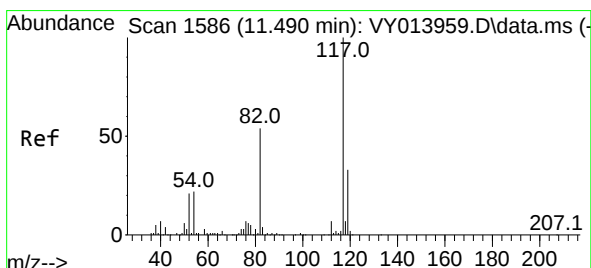
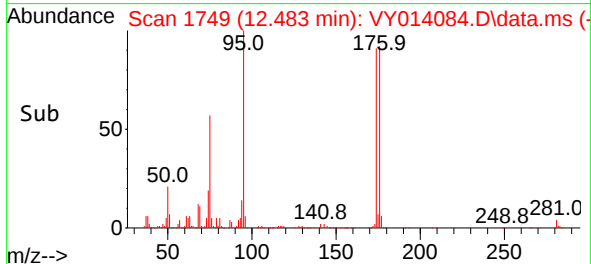
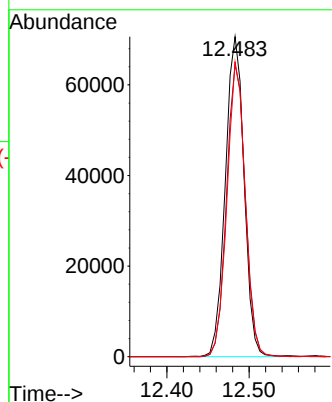
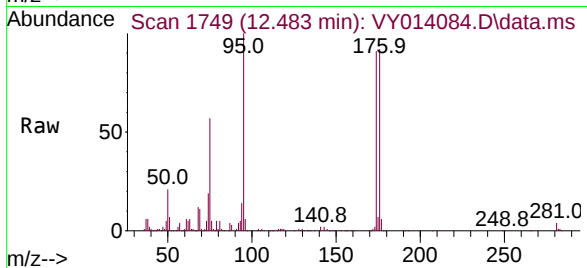




#62
4-Bromofluorobenzene
Concen: 54.620 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014084.D
Acq: 08 Jun 2023 19:36

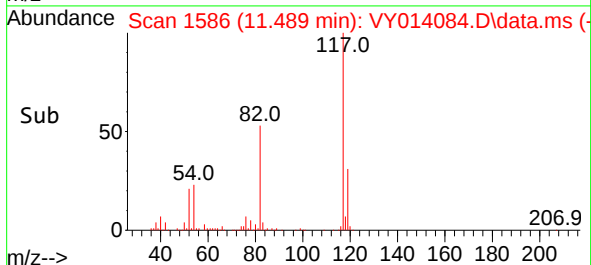
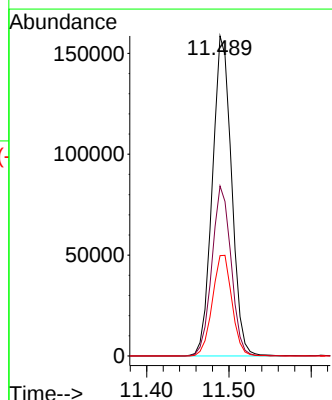
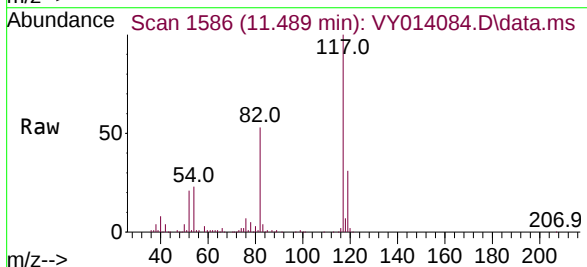
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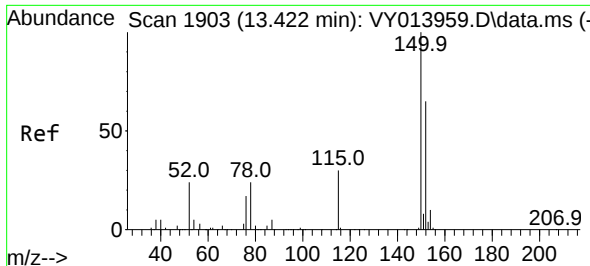
Tgt Ion: 95 Resp: 112268
Ion Ratio Lower Upper
95 100
174 91.3 0.0 178.2
176 89.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY014084.D
Acq: 08 Jun 2023 19:36

Tgt Ion: 117 Resp: 257534
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 31.3 26.3 39.5

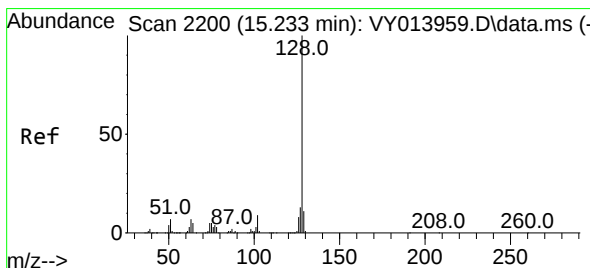
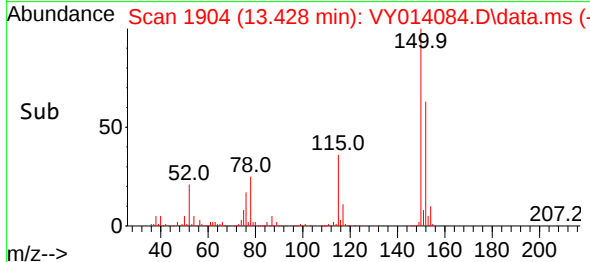
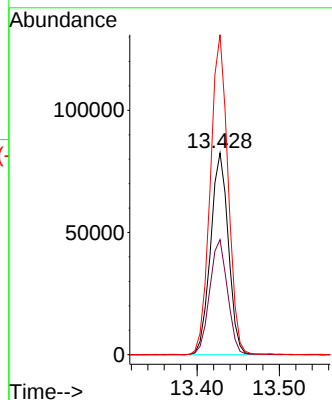
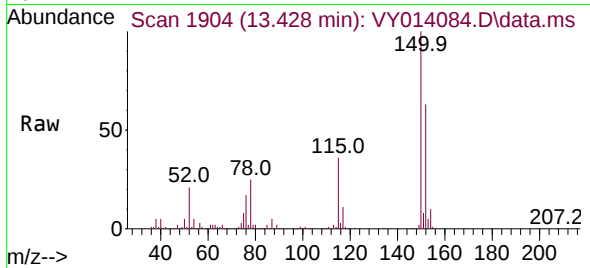




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY014084.D
Acq: 08 Jun 2023 19:36

Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 123799
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.5
150 157.8 0.0 348.8



#95
Naphthalene
Concen: 4.038 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. 0.005 min
Lab File: VY014084.D
Acq: 08 Jun 2023 19:36

Tgt Ion:128 Resp: 986
Ion Ratio Lower Upper
128 100
127 6.8 10.8 16.2#
129 4.5 8.6 13.0#

