

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031023\
 Data File : VY012917.D
 Acq On : 10 Mar 2023 13:43
 Operator : KP/MD
 Sample : 01857-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 11 05:48:48 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)

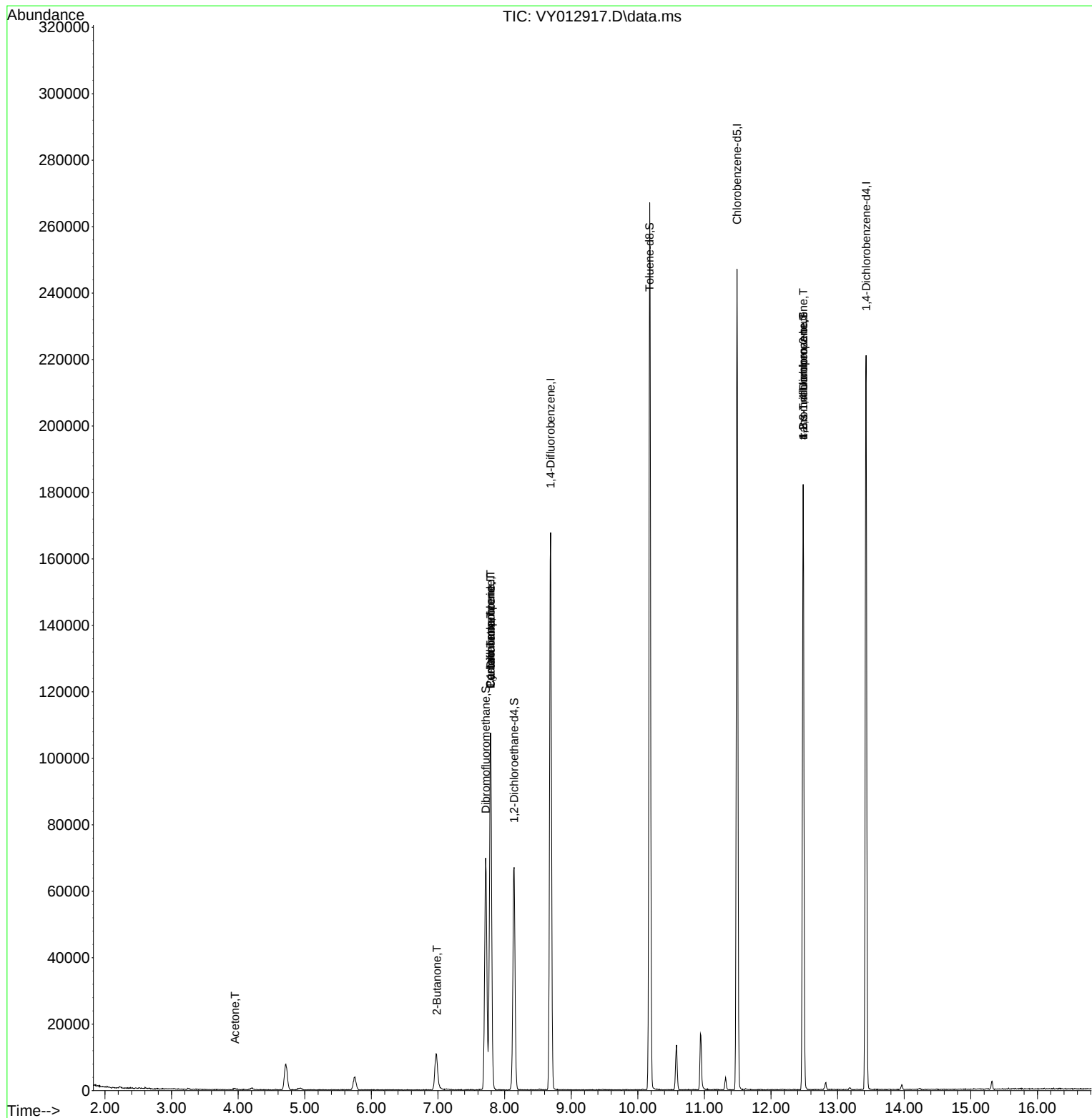
Internal Standards						
1) Pentafluorobenzene	7.789	168	84623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	140754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	128860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	51426	61.207	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.420%	
35) Dibromofluoromethane	7.716	113	47912	56.404	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.800%	
50) Toluene-d8	10.179	98	171026	55.073	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.140%	
62) 4-Bromofluorobenzene	12.483	95	51217	48.864	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	374	Below Cal	#	74
16) Acetone	3.954	43	679	2.059	ug/l #	60
25) 2-Butanone	6.984	43	647	1.584	ug/l #	49
31) Cyclohexane	7.789	56	1975	1.227	ug/l #	7
36) 1,1-Dichloropropene	7.789	75	6655	4.675	ug/l #	48
38) Carbon Tetrachloride	7.789	117	8052	5.478	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	26621	38.300	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26621	79.359	ug/l #	13

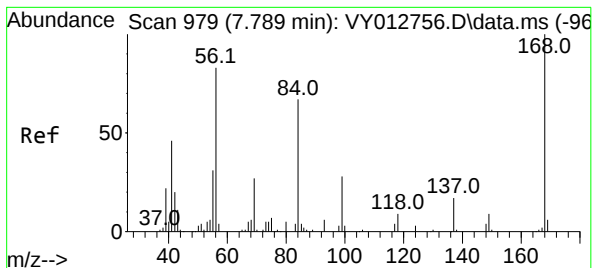
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031023\
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Quant Time: Mar 11 05:48:48 2023
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Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY012917.D

Acq: 10 Mar 2023 13:43

Instrument :

MSVOA_Y

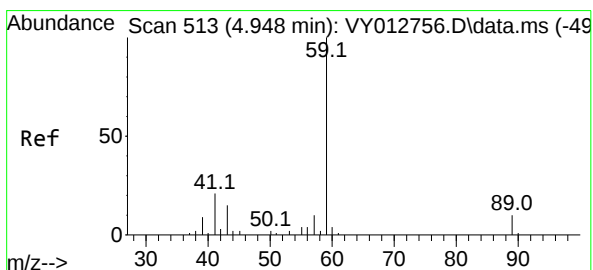
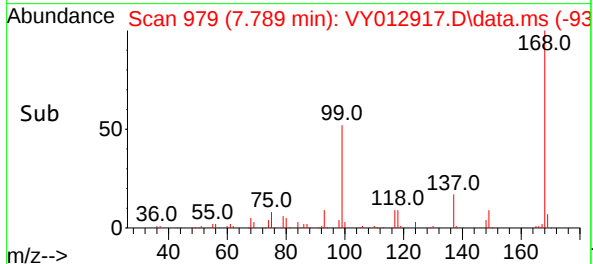
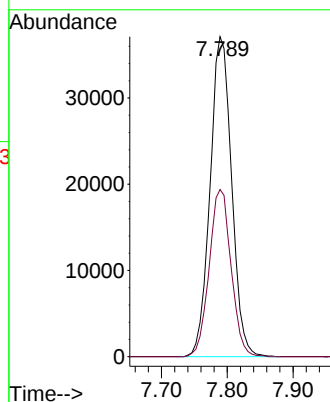
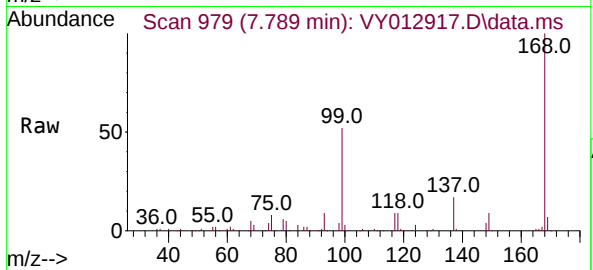
ClientSampleId :

Tgt Ion:168 Resp: 84623

Ion Ratio Lower Upper

168 100

99 52.3 41.7 62.5



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.924 min Scan# 509

Delta R.T. -0.024 min

Lab File: VY012917.D

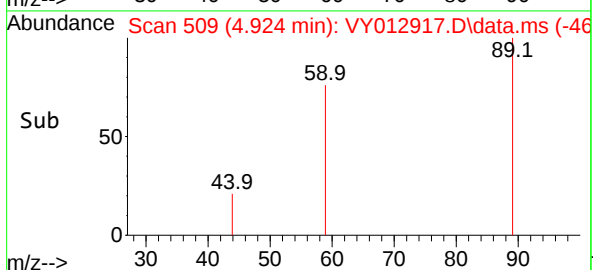
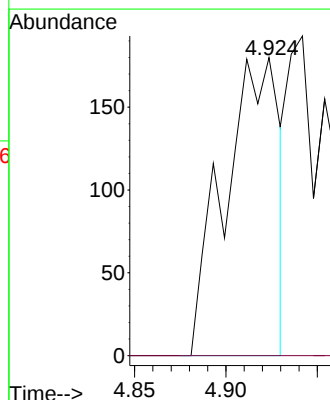
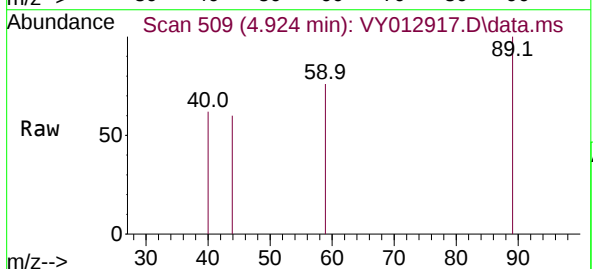
Acq: 10 Mar 2023 13:43

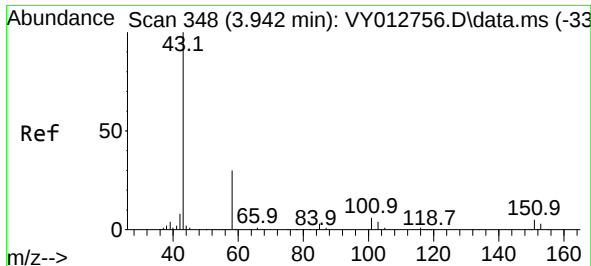
Tgt Ion: 59 Resp: 374

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#

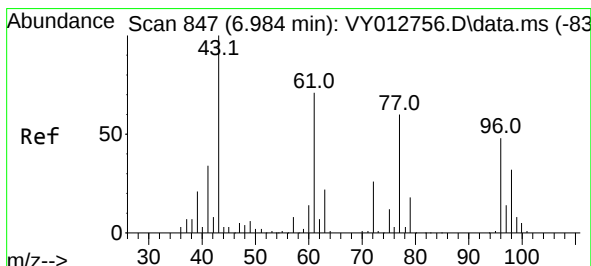
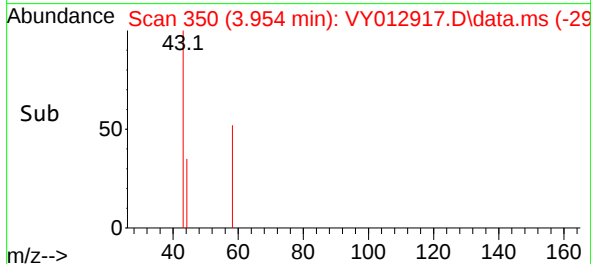
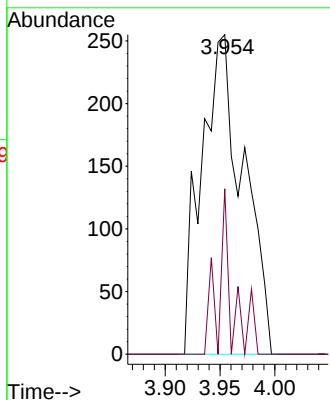
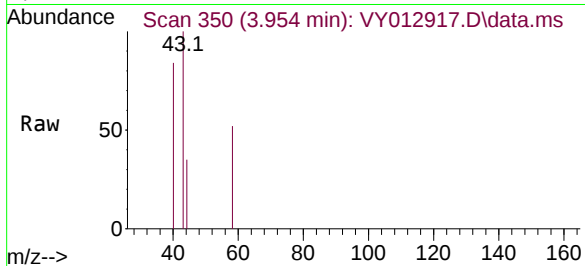




#16
Acetone
Concen: 2.059 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012917.D
Acq: 10 Mar 2023 13:43

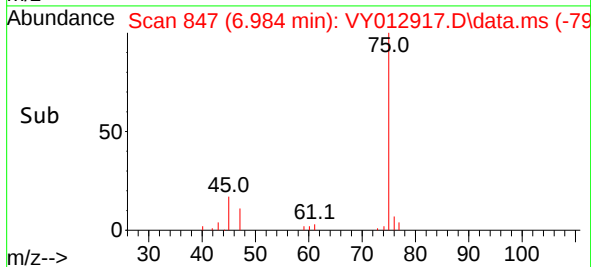
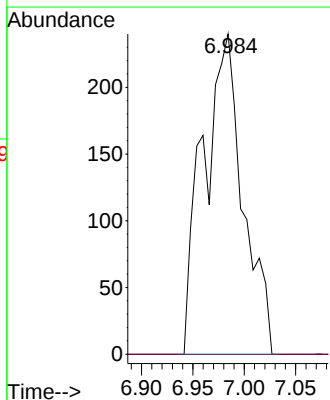
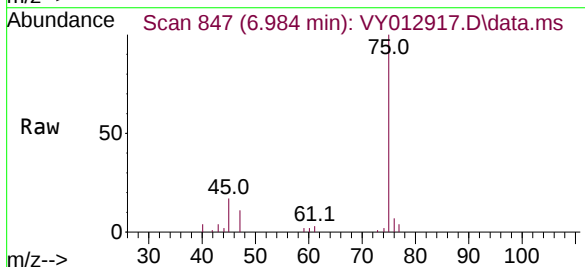
Instrument :
MSVOA_Y
ClientSampleId :

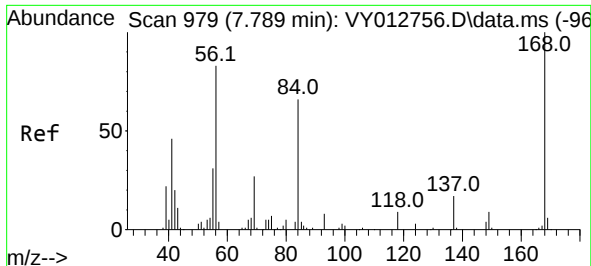
Tgt Ion: 43 Resp: 679
Ion Ratio Lower Upper
43 100
58 51.8 24.2 36.2#



#25
2-Butanone
Concen: 1.584 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012917.D
Acq: 10 Mar 2023 13:43

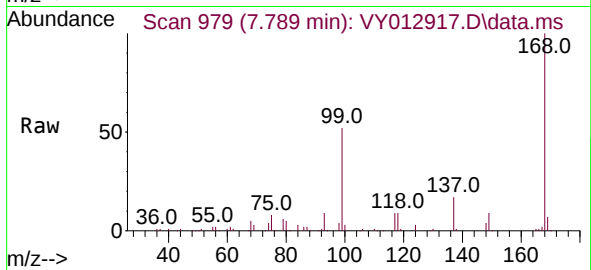
Tgt Ion: 43 Resp: 647
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



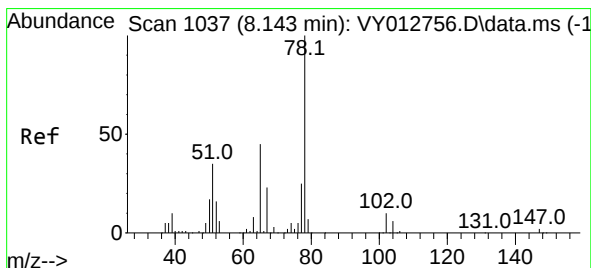
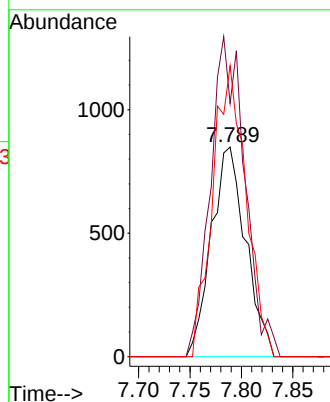
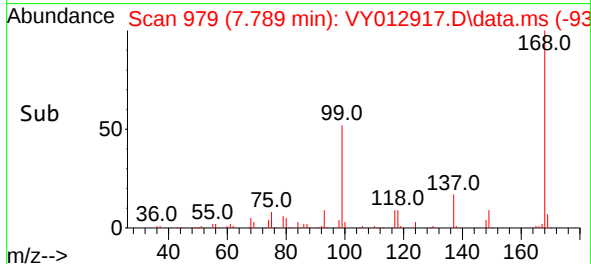


#31
Cyclohexane
Concen: 1.227 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012917.D
Acq: 10 Mar 2023 13:43

Instrument :
MSVOA_Y
ClientSampleId :

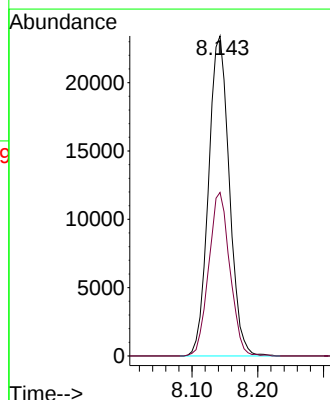
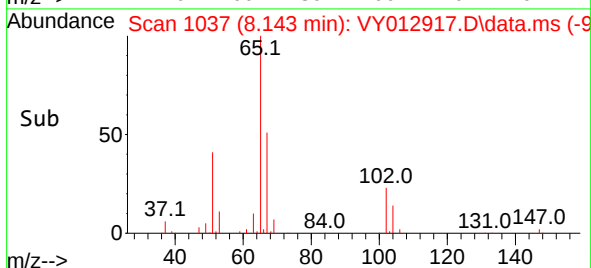
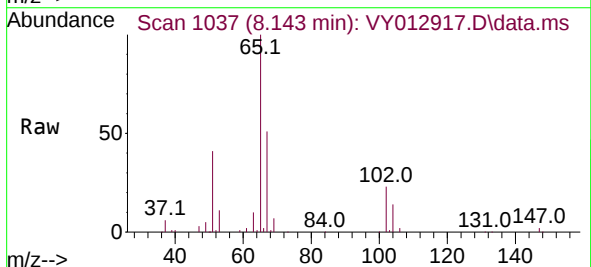


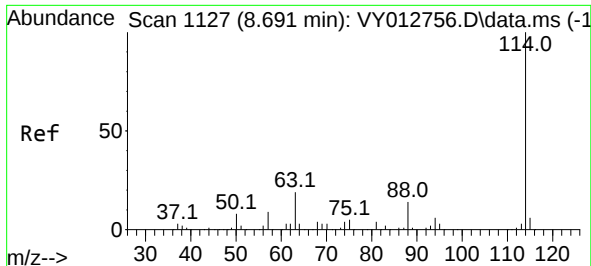
Tgt Ion: 56 Resp: 1975
Ion Ratio Lower Upper
56 100
69 120.8 25.7 38.5#
84 138.9 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 61.207 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012917.D
Acq: 10 Mar 2023 13:43

Tgt Ion: 65 Resp: 51426
Ion Ratio Lower Upper
65 100
67 52.0 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: VY012917.D

Acq: 10 Mar 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

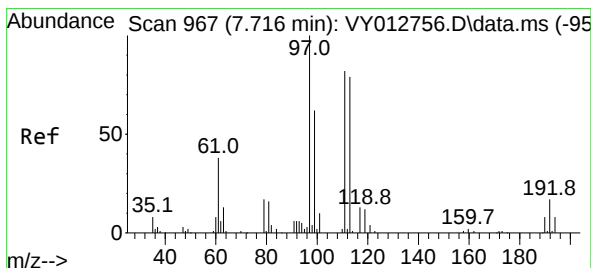
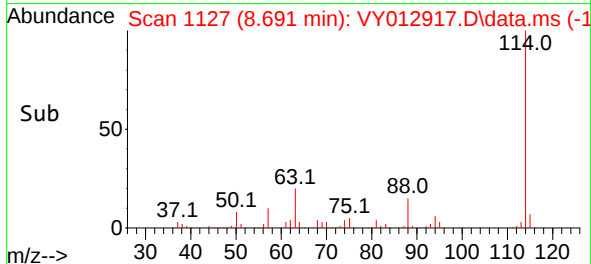
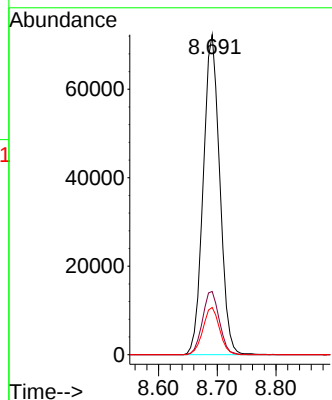
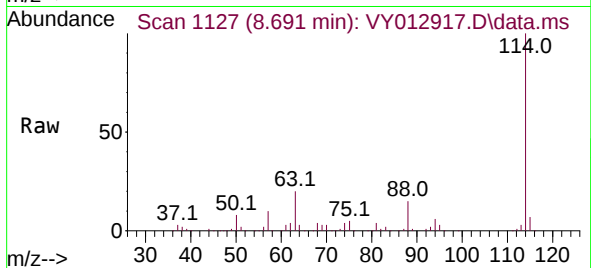
Tgt Ion:114 Resp: 140754

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 56.404 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012917.D

Acq: 10 Mar 2023 13:43

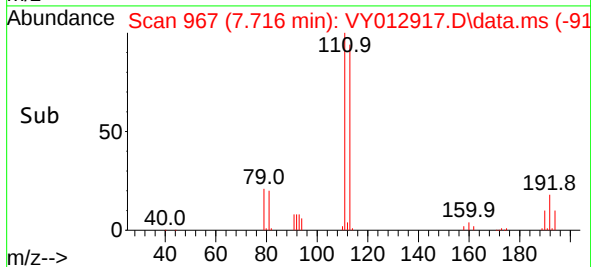
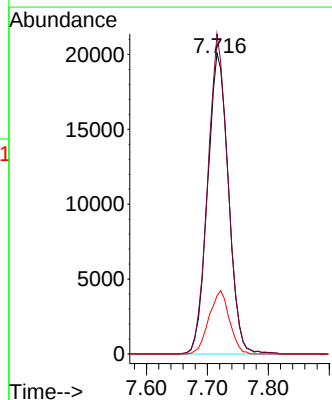
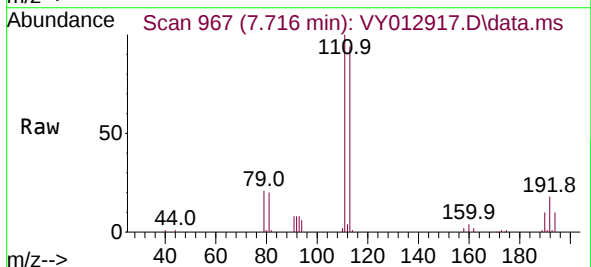
Tgt Ion:113 Resp: 47912

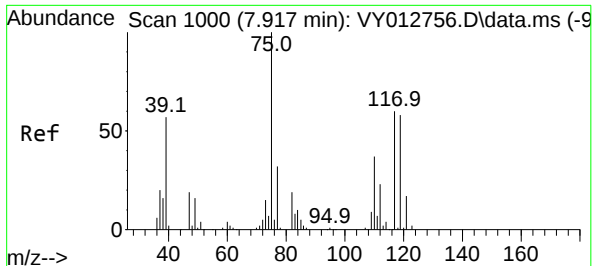
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

192 20.6 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.675 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012917.D

Acq: 10 Mar 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

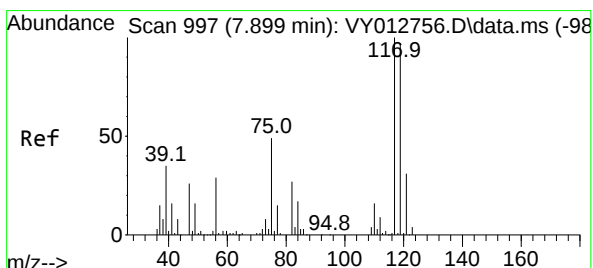
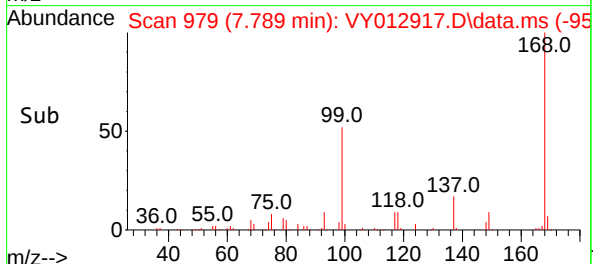
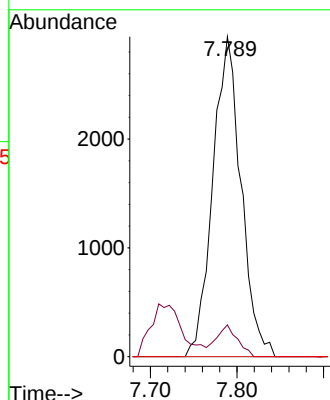
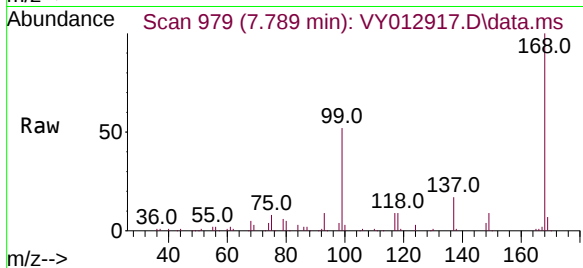
Tgt Ion: 75 Resp: 6655

Ion Ratio Lower Upper

75 100

110 7.4 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.478 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012917.D

Acq: 10 Mar 2023 13:43

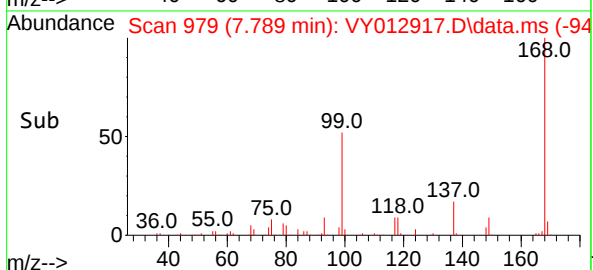
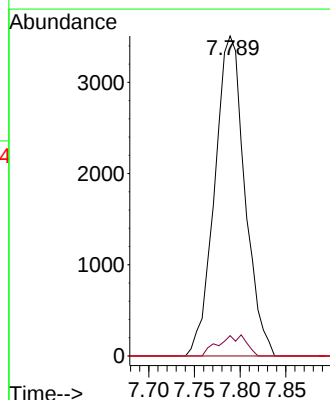
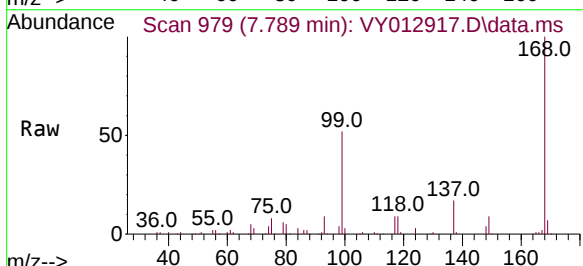
Tgt Ion: 117 Resp: 8052

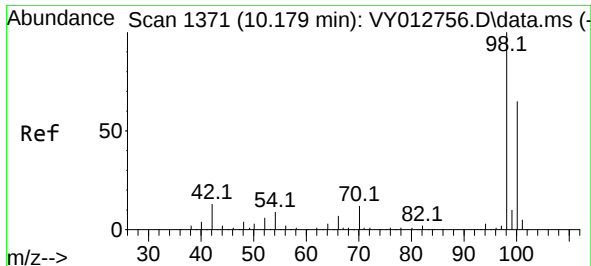
Ion Ratio Lower Upper

117 100

119 6.4 77.2 115.8#

121 0.0 24.7 37.1#

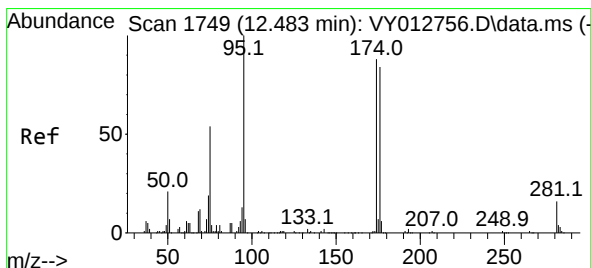
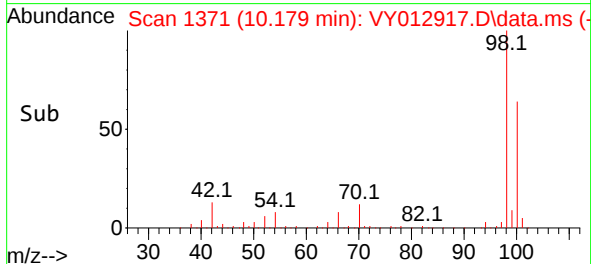
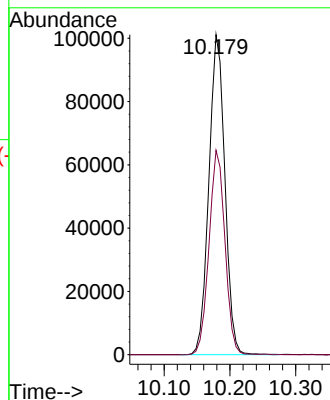
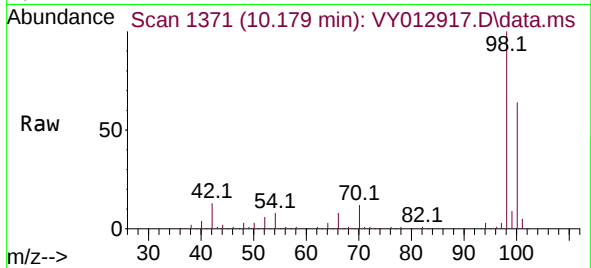




#50
Toluene-d8
Concen: 55.073 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012917.D
Acq: 10 Mar 2023 13:43

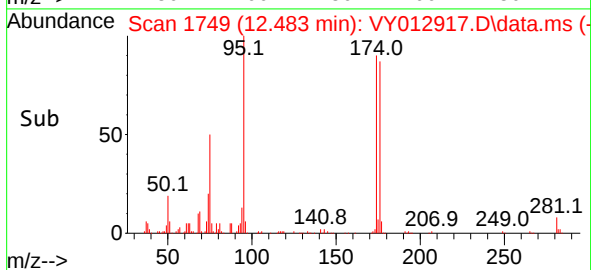
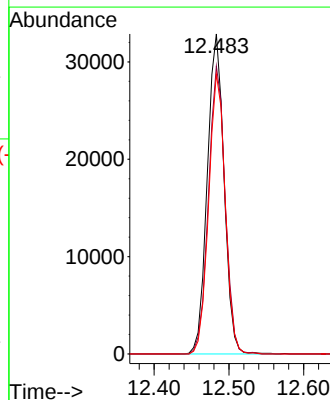
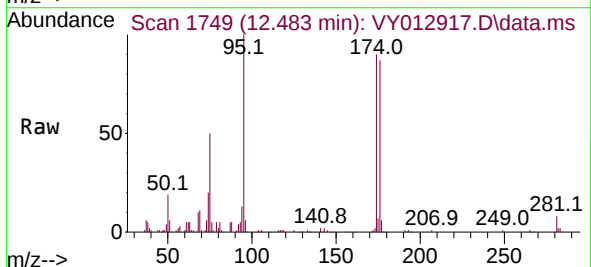
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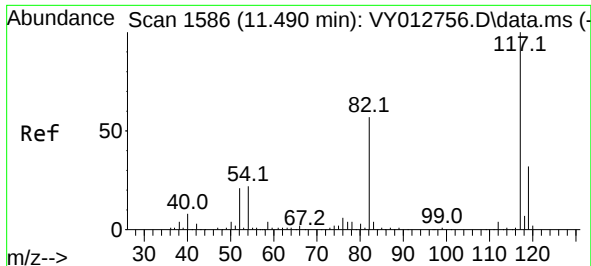
Tgt Ion: 98 Resp: 171026
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.864 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012917.D
Acq: 10 Mar 2023 13:43

Tgt Ion: 95 Resp: 51217
Ion Ratio Lower Upper
95 100
174 89.8 0.0 176.6
176 86.3 0.0 170.2

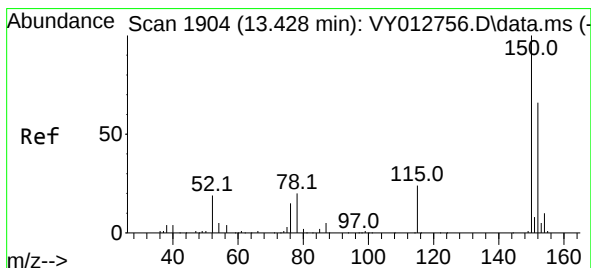
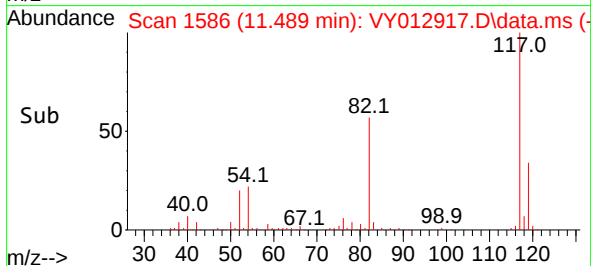
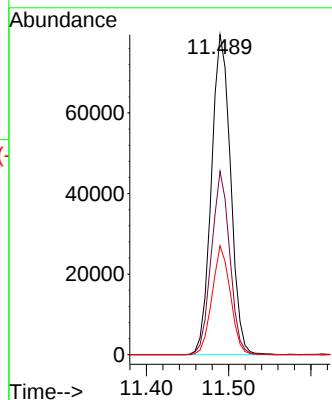
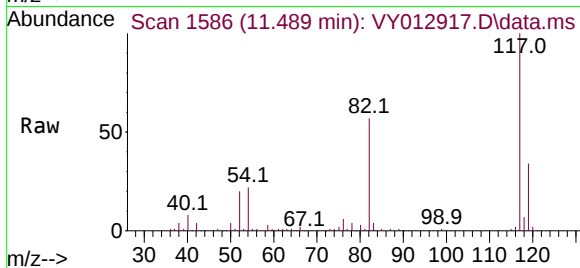




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012917.D
Acq: 10 Mar 2023 13:43

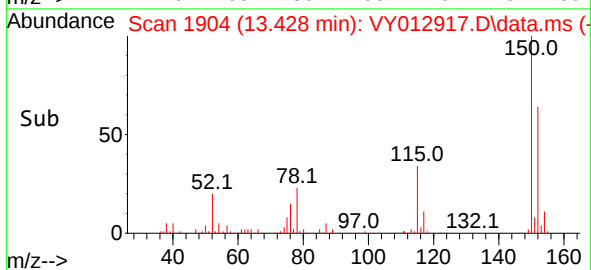
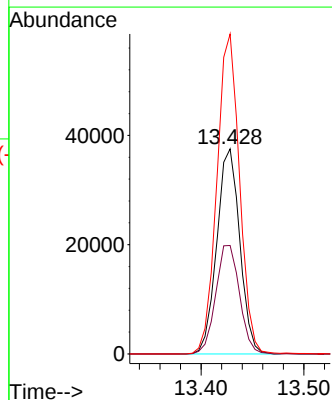
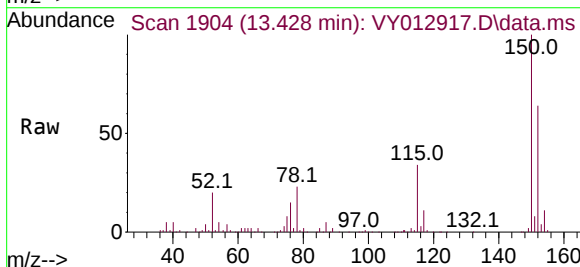
Instrument :
MSVOA_Y
ClientSampleId :

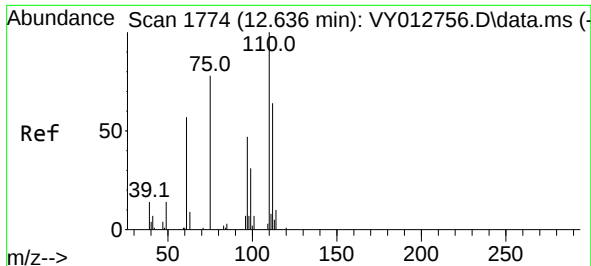
Tgt Ion:117 Resp: 128860
Ion Ratio Lower Upper
117 100
82 57.3 45.4 68.0
119 34.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012917.D
Acq: 10 Mar 2023 13:43

Tgt Ion:152 Resp: 58205
Ion Ratio Lower Upper
152 100
115 54.8 27.1 81.3
150 153.8 0.0 347.8

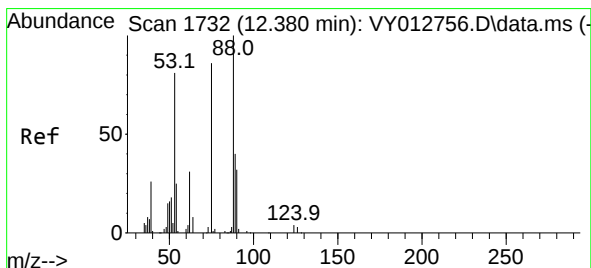
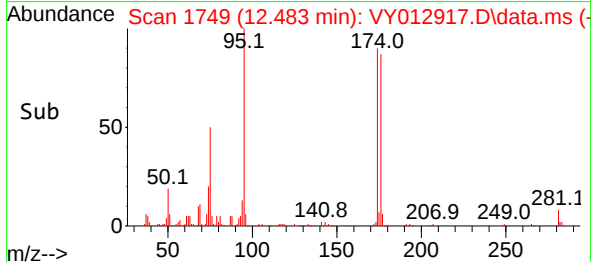
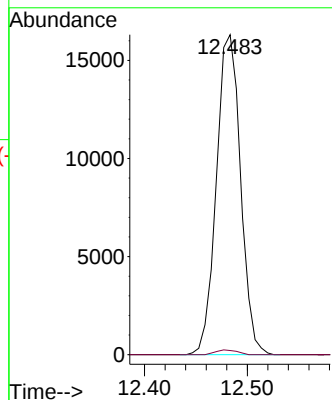
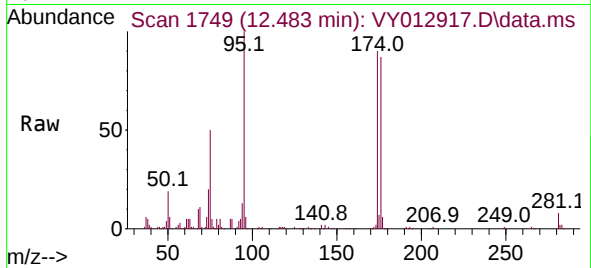




#76
1,2,3-Trichloropropane
Concen: 38.300 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012917.D
Acq: 10 Mar 2023 13:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 26621
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.359 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012917.D
Acq: 10 Mar 2023 13:43

Tgt Ion: 75 Resp: 26621
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

