

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031023\
 Data File : VY012909.D
 Acq On : 10 Mar 2023 10:38
 Operator : KP/MD
 Sample : VY0310SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 11 05:44:36 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)

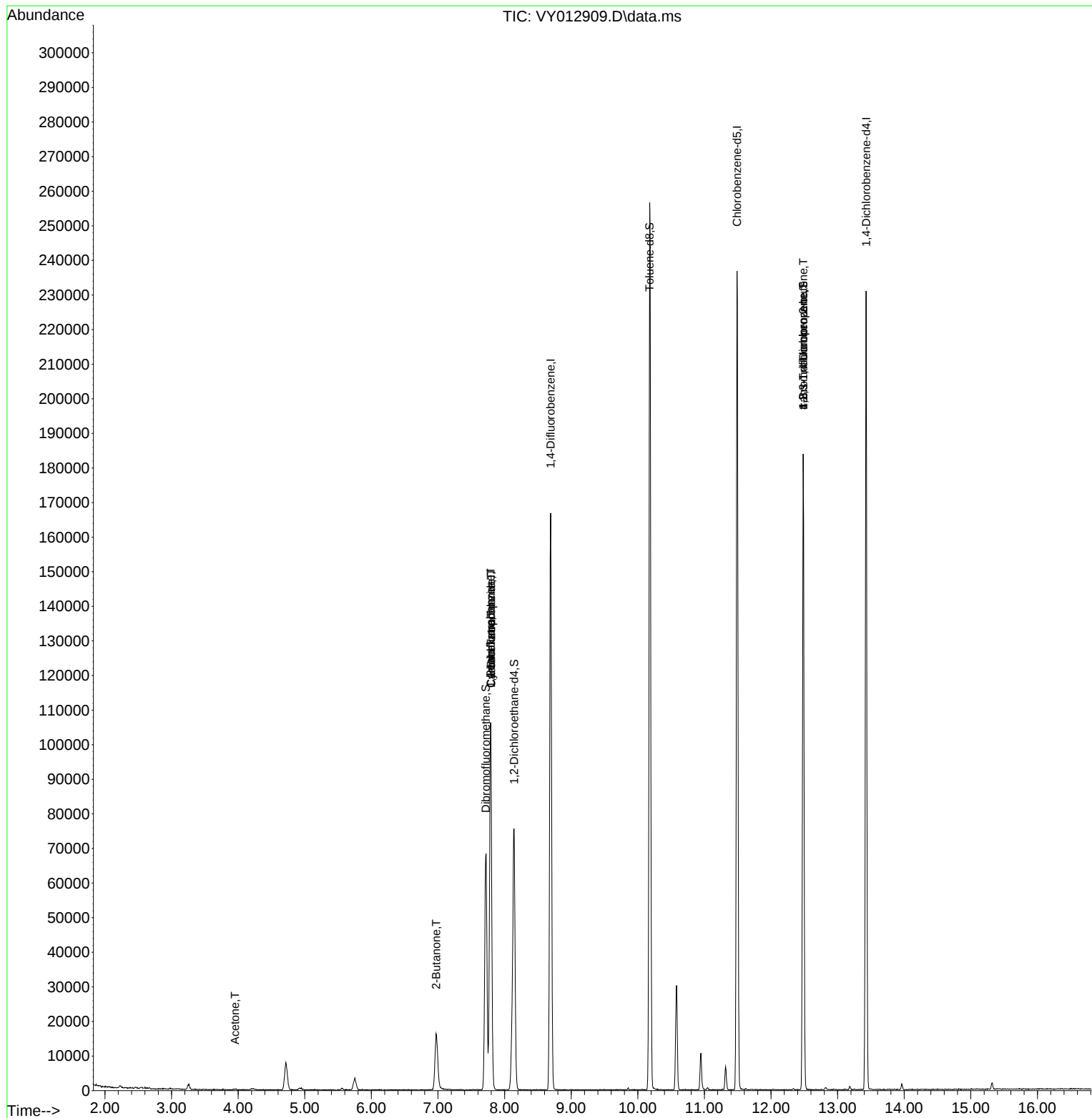
Internal Standards						
1) Pentafluorobenzene	7.789	168	84680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	141658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	127609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	52381	62.302	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.600%
35) Dibromofluoromethane	7.716	113	48322	56.523	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.040%
50) Toluene-d8	10.179	98	167878	53.715	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.420%
62) 4-Bromofluorobenzene	12.483	95	50751	48.110	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.220%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	581	Below Cal	#	74
16) Acetone	3.954	43	492	1.491	ug/l #	44
25) 2-Butanone	6.972	43	671	1.642	ug/l #	49
31) Cyclohexane	7.795	56	1655	1.028	ug/l #	14
36) 1,1-Dichloropropene	7.795	75	6379	4.453	ug/l #	49
38) Carbon Tetrachloride	7.795	117	8185	5.533	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	26113	38.449	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26113	79.667	ug/l #	13

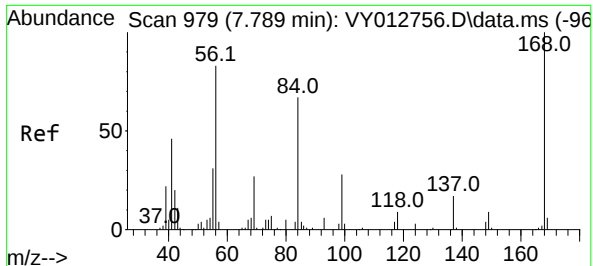
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031023\
Data File : VY012909.D
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Operator : KP/MD
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

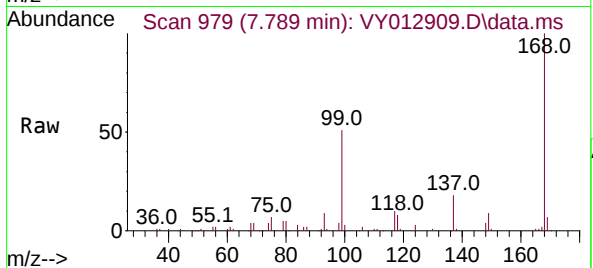
Quant Time: Mar 11 05:44:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
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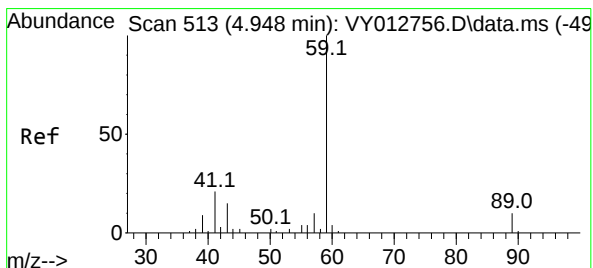
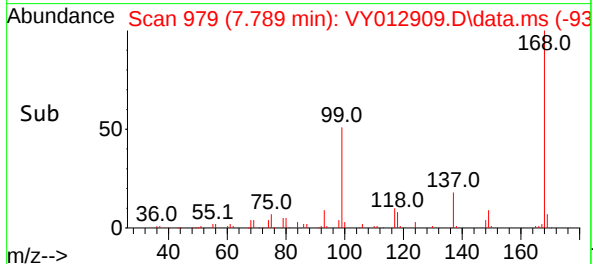
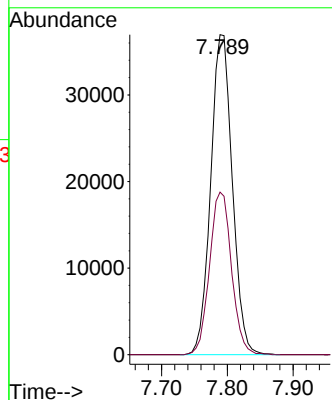


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012909.D
Acq: 10 Mar 2023 10:38

Instrument :
MSVOA_Y
ClientSampleId :

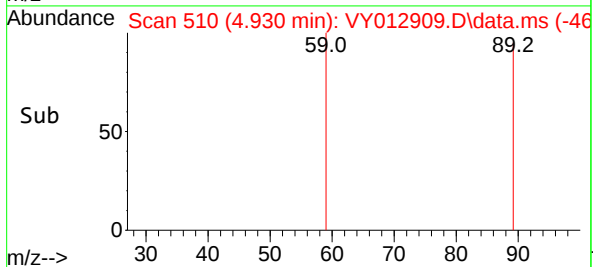
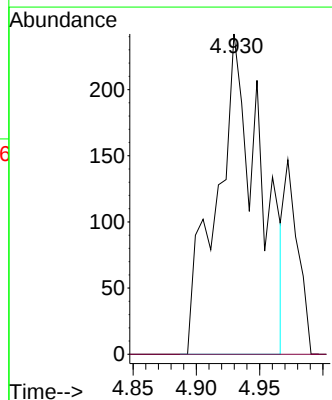
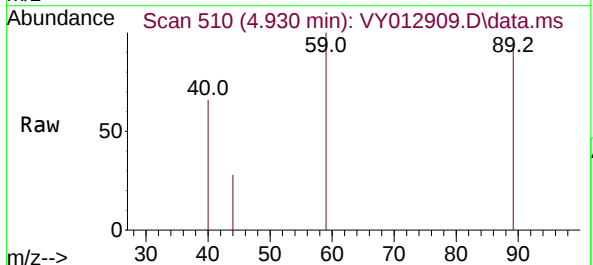


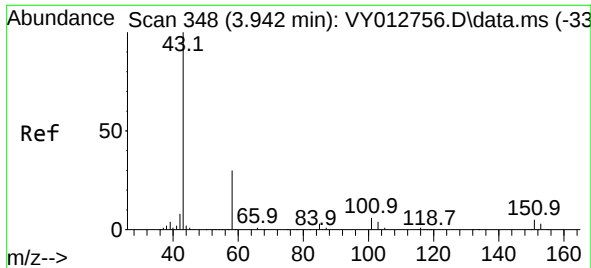
Tgt Ion:168 Resp: 84680
Ion Ratio Lower Upper
168 100
99 50.8 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY012909.D
Acq: 10 Mar 2023 10:38

Tgt Ion: 59 Resp: 581
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 1.491 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY012909.D

Acq: 10 Mar 2023 10:38

Instrument :

MSVOA_Y

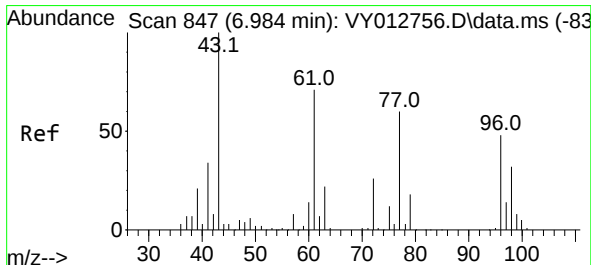
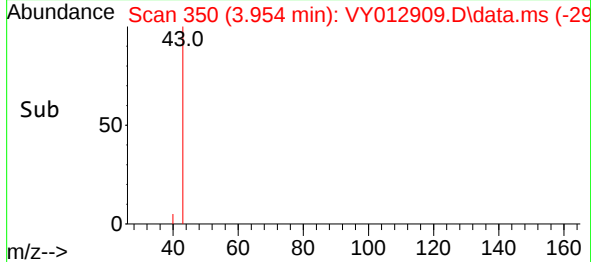
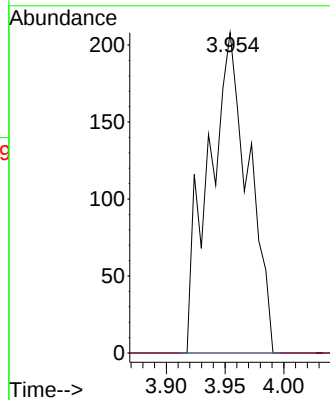
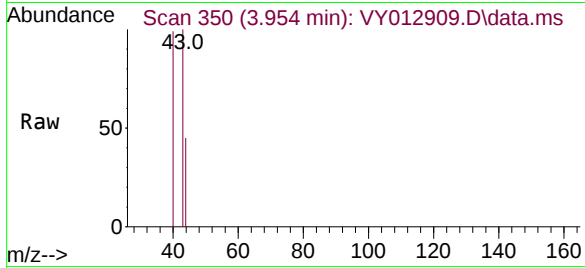
ClientSampleId :

Tgt Ion: 43 Resp: 492

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.2#



#25

2-Butanone

Concen: 1.642 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY012909.D

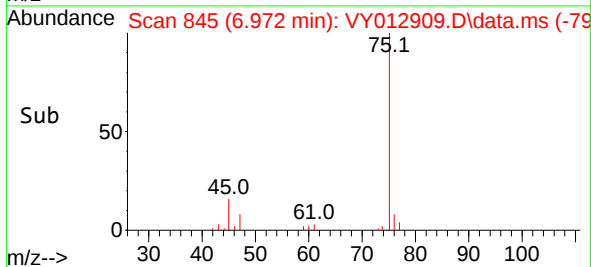
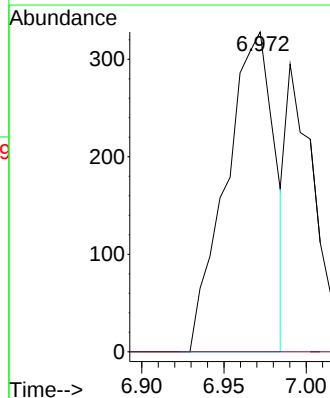
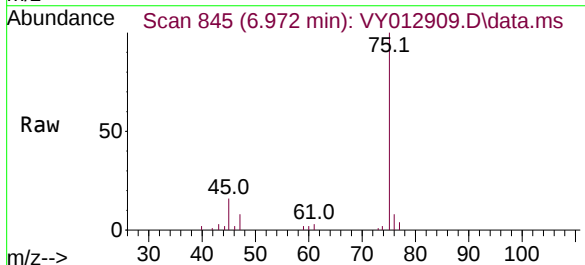
Acq: 10 Mar 2023 10:38

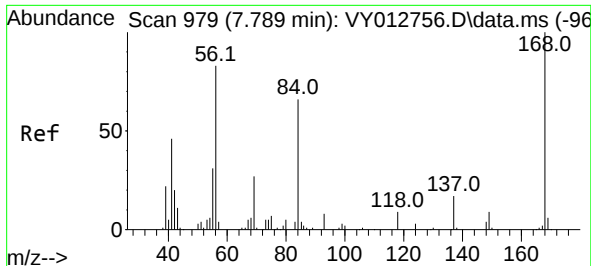
Tgt Ion: 43 Resp: 671

Ion Ratio Lower Upper

43 100

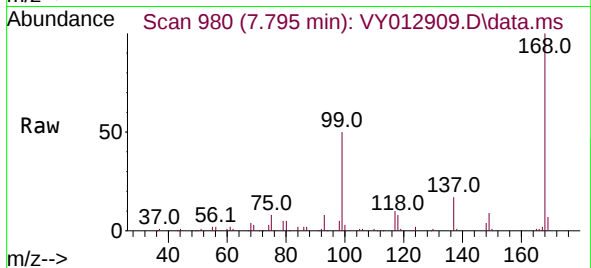
72 0.0 21.0 31.4#



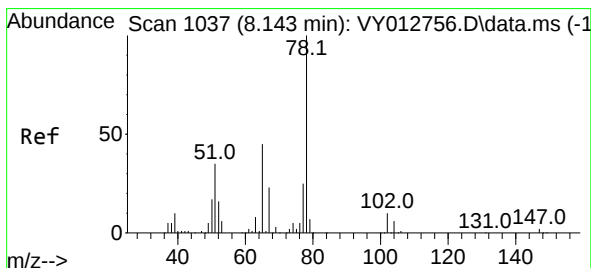
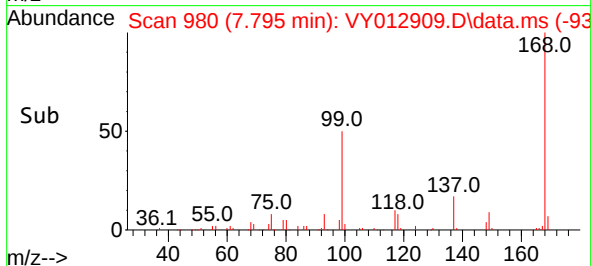
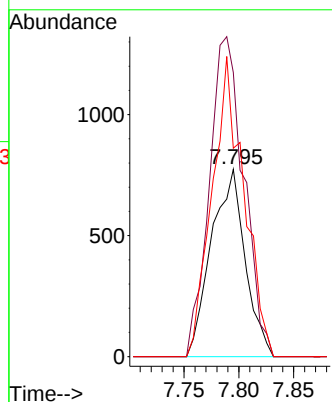


#31
Cyclohexane
Concen: 1.028 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012909.D
Acq: 10 Mar 2023 10:38

Instrument :
MSVOA_Y
ClientSampleId :

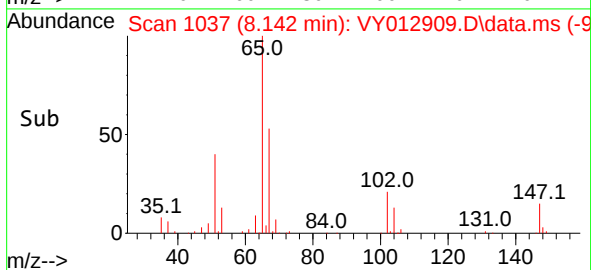
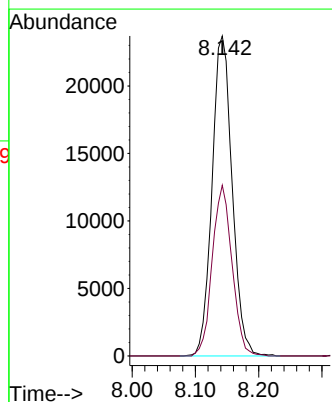
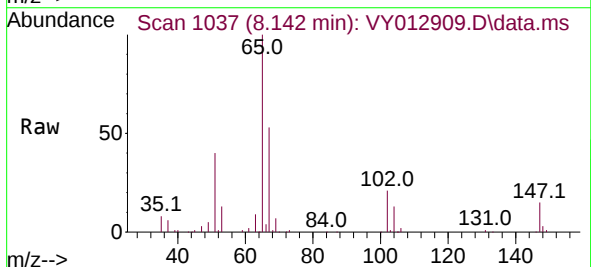


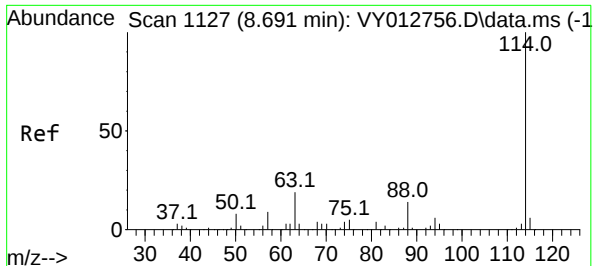
Tgt Ion: 56 Resp: 1655
Ion Ratio Lower Upper
56 100
69 151.7 25.7 38.5#
84 111.2 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 62.302 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012909.D
Acq: 10 Mar 2023 10:38

Tgt Ion: 65 Resp: 52381
Ion Ratio Lower Upper
65 100
67 52.5 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: VY012909.D

Acq: 10 Mar 2023 10:38

Instrument :

MSVOA_Y

ClientSampleId :

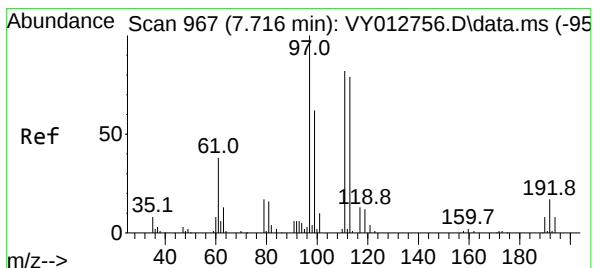
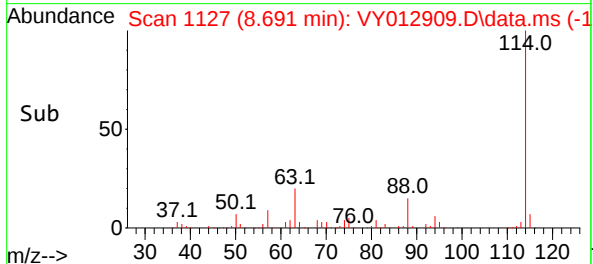
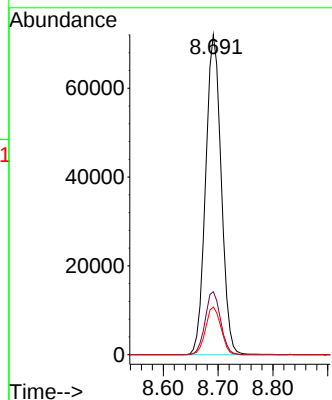
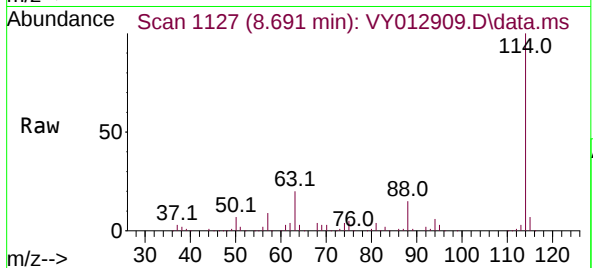
Tgt Ion:114 Resp: 141658

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.9 0.0 28.6



#35

Dibromofluoromethane

Concen: 56.523 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012909.D

Acq: 10 Mar 2023 10:38

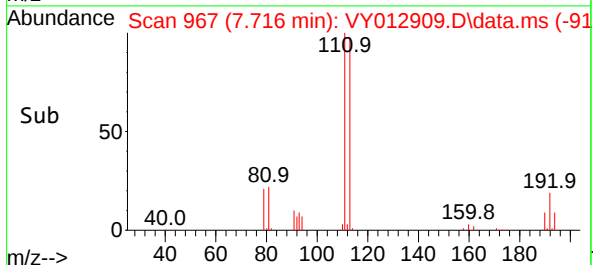
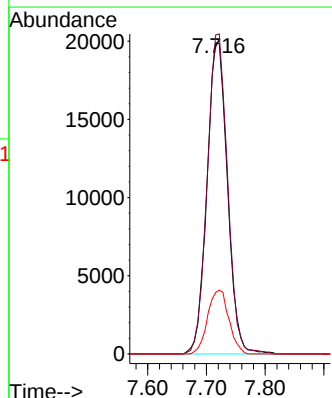
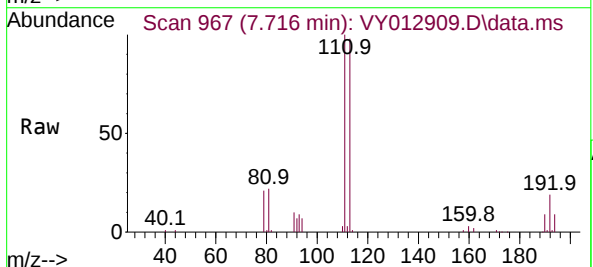
Tgt Ion:113 Resp: 48322

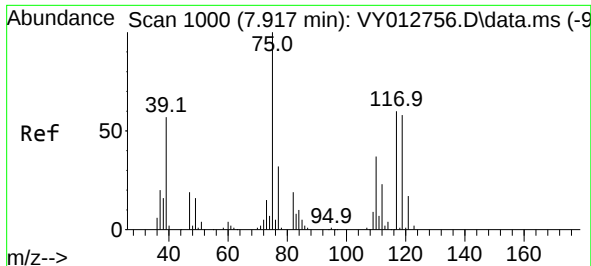
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

192 21.1 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.453 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.122 min

Lab File: VY012909.D

Acq: 10 Mar 2023 10:38

Instrument :

MSVOA_Y

ClientSampleId :

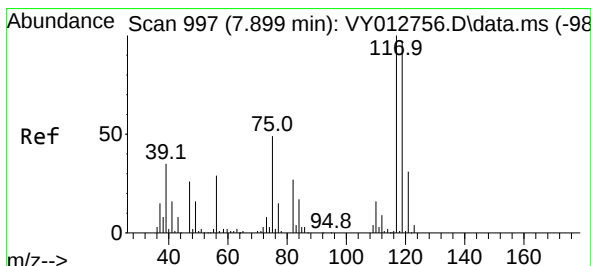
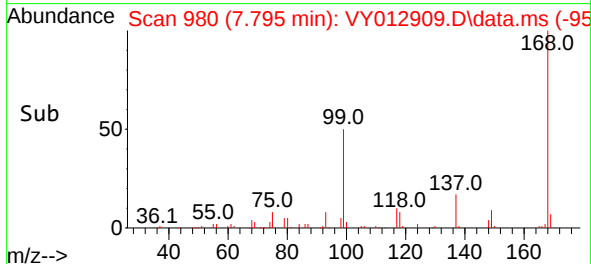
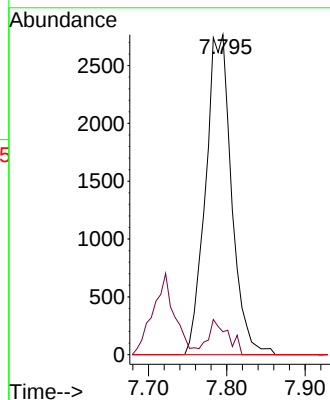
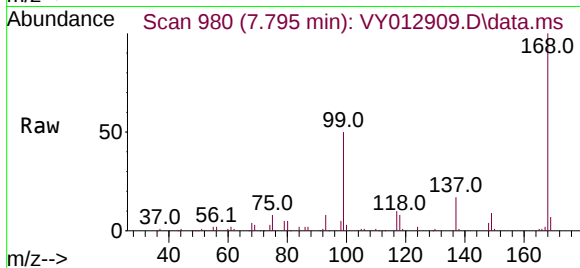
Tgt Ion: 75 Resp: 6379

Ion Ratio Lower Upper

75 100

110 8.2 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.533 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.104 min

Lab File: VY012909.D

Acq: 10 Mar 2023 10:38

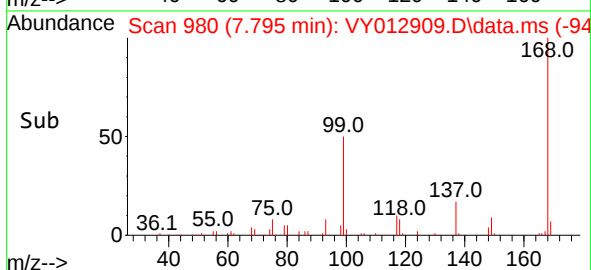
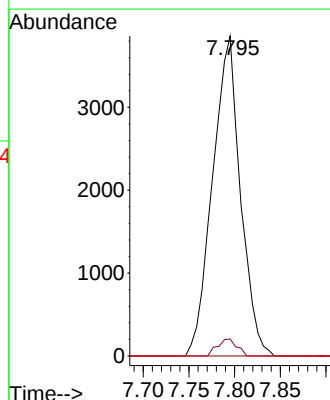
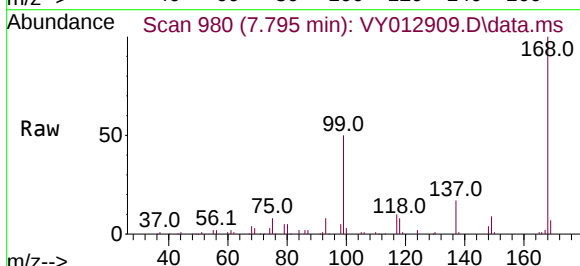
Tgt Ion: 117 Resp: 8185

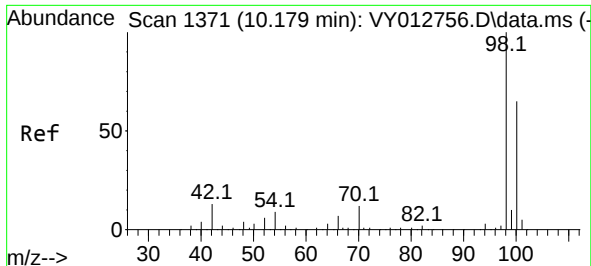
Ion Ratio Lower Upper

117 100

119 5.3 77.2 115.8#

121 0.0 24.7 37.1#

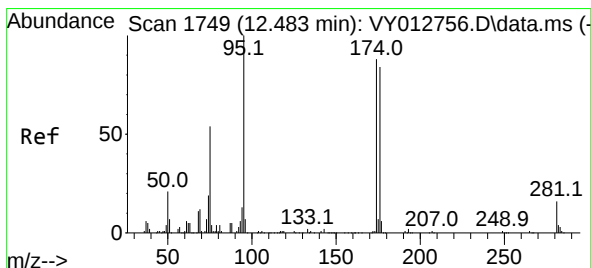
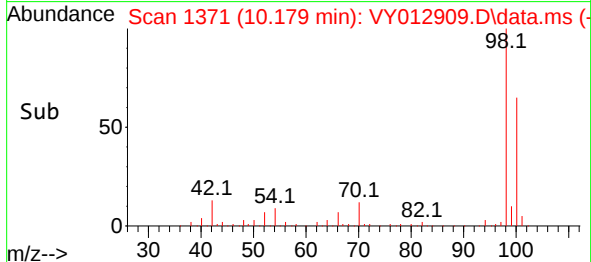
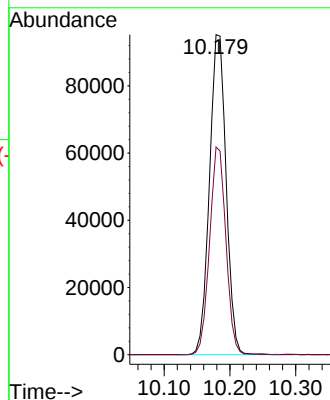
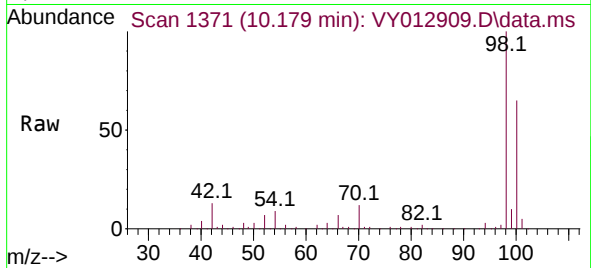




#50
Toluene-d8
Concen: 53.715 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012909.D
Acq: 10 Mar 2023 10:38

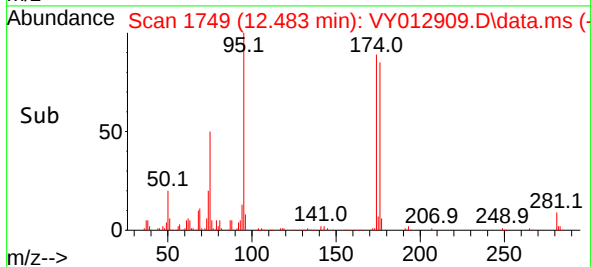
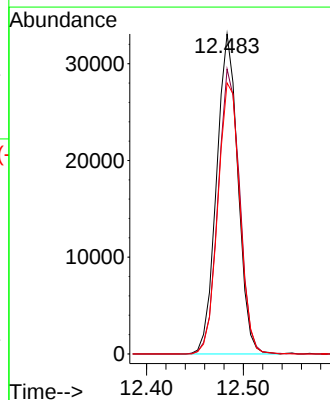
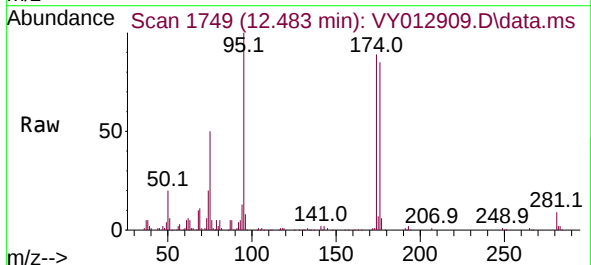
Instrument :
MSVOA_Y
ClientSampleId :

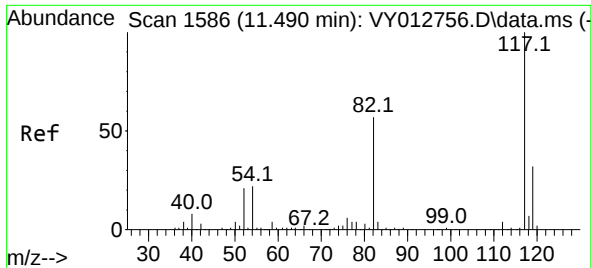
Tgt Ion: 98 Resp: 167878
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.110 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012909.D
Acq: 10 Mar 2023 10:38

Tgt Ion: 95 Resp: 50751
Ion Ratio Lower Upper
95 100
174 89.9 0.0 176.6
176 87.3 0.0 170.2

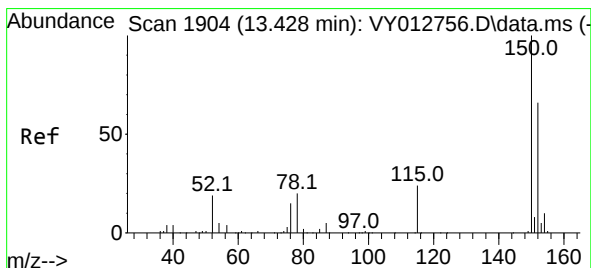
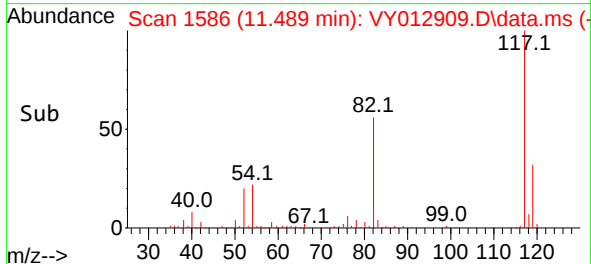
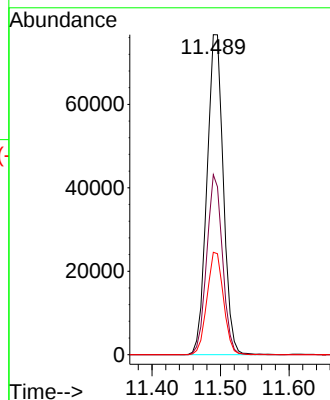
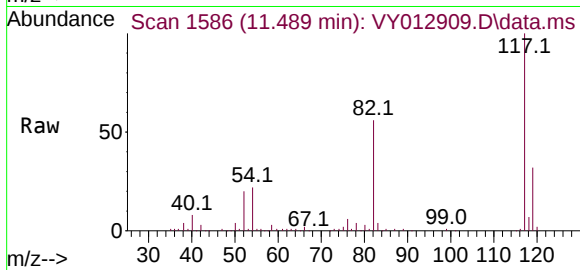




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012909.D
Acq: 10 Mar 2023 10:38

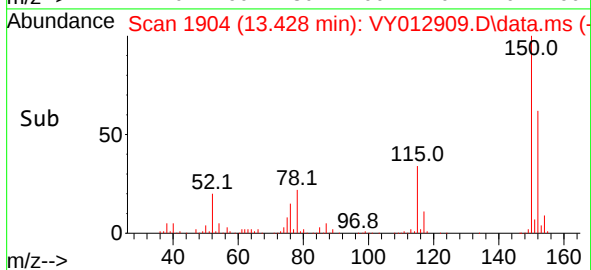
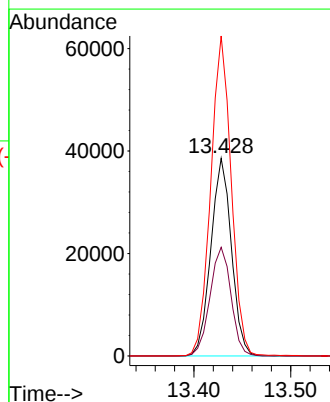
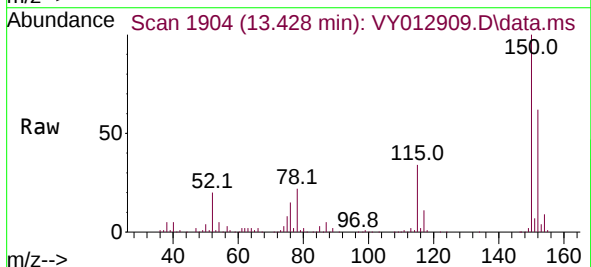
Instrument :
MSVOA_Y
ClientSampleId :

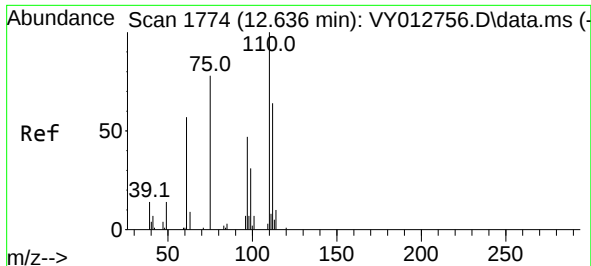
Tgt Ion:117 Resp: 127609
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.0
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012909.D
Acq: 10 Mar 2023 10:38

Tgt Ion:152 Resp: 56874
Ion Ratio Lower Upper
152 100
115 56.3 27.1 81.3
150 161.5 0.0 347.8

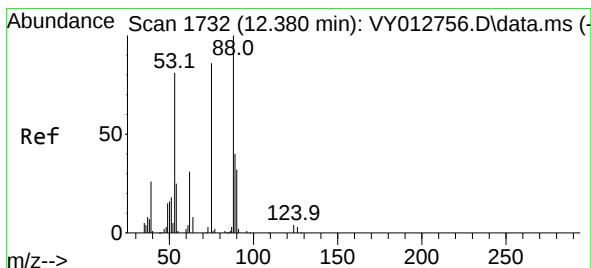
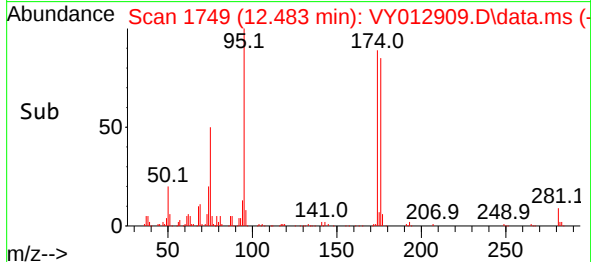
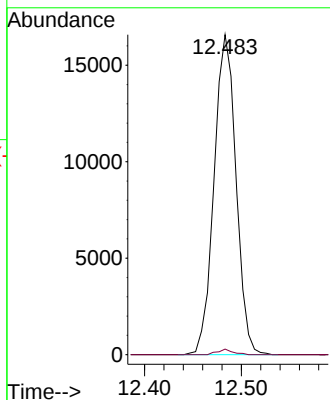
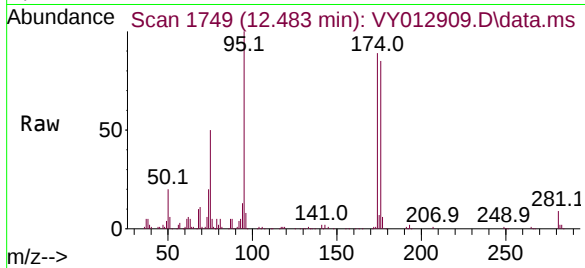




#76
1,2,3-Trichloropropane
Concen: 38.449 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012909.D
Acq: 10 Mar 2023 10:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 26113
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.667 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012909.D
Acq: 10 Mar 2023 10:38

Tgt Ion: 75 Resp: 26113
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.1 36.6 55.0#

