

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032323\
 Data File : VY013062.D
 Acq On : 23 Mar 2023 15:08
 Operator : KP/MD
 Sample : 02028-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-032123RE

Quant Time: Mar 24 05:04:07 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)

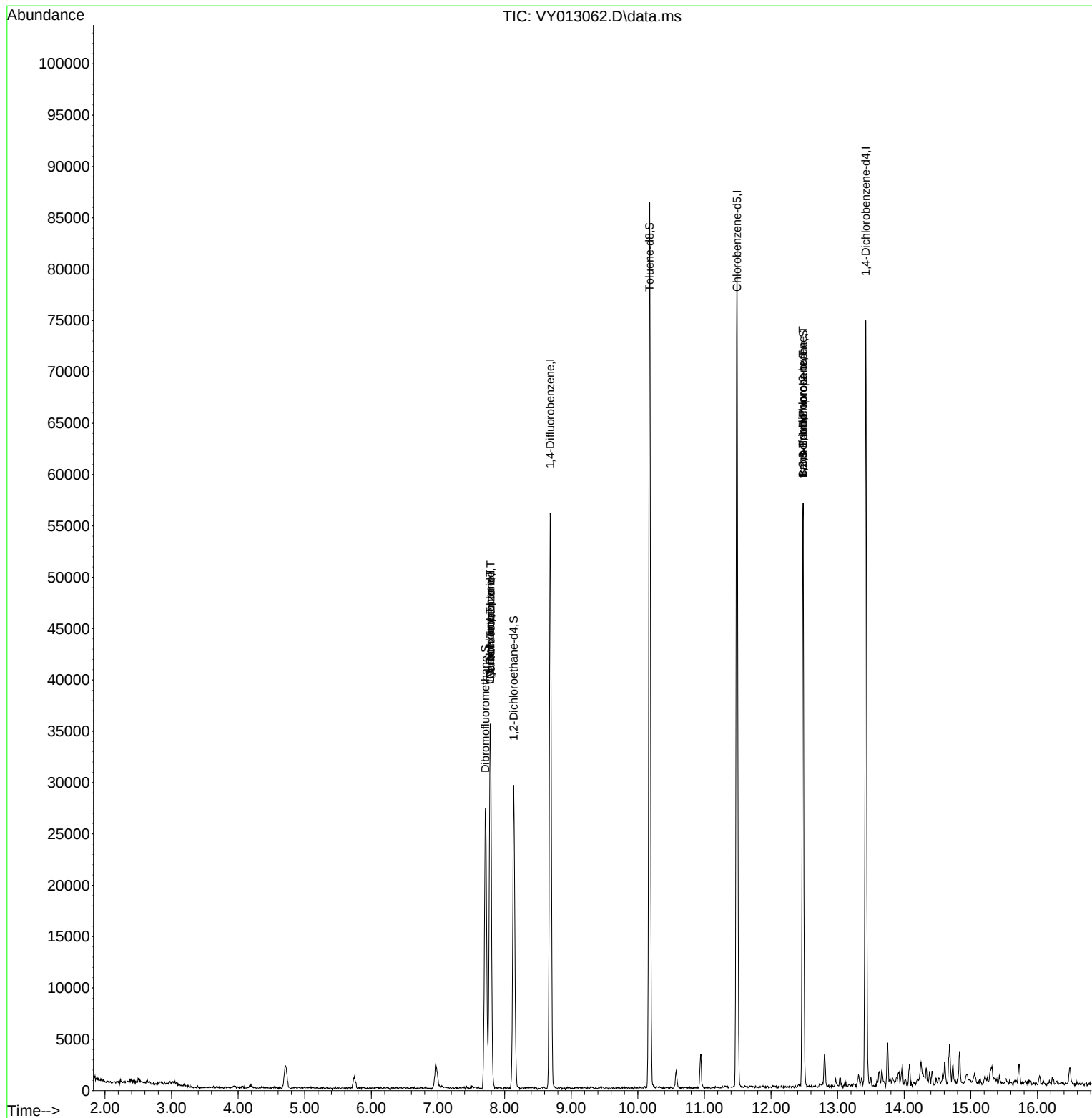
Internal Standards						
1) Pentafluorobenzene	7.789	168	28640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	48151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	43449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	18938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	22292	78.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 156.780%	
35) Dibromofluoromethane	7.710	113	19173	65.979	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 131.960%	
50) Toluene-d8	10.179	98	56606	53.284	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.560%	
62) 4-Bromofluorobenzene	12.483	95	16145	45.027	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.060%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	1560	Below Cal	#	72
31) Cyclohexane	7.783	56	674	1.238	ug/l #	15
36) 1,1-Dichloropropene	7.783	75	2152	4.419	ug/l #	48
38) Carbon Tetrachloride	7.789	117	2723	5.415	ug/l #	18
71) Bromoform	12.477	173	229	1.041	ug/l #	28
76) 1,2,3-Trichloropropane	12.477	75	9218	40.761	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	9218	84.457	ug/l #	13

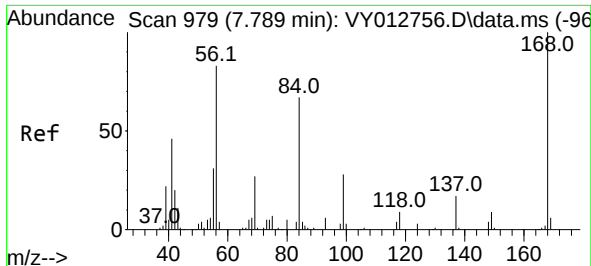
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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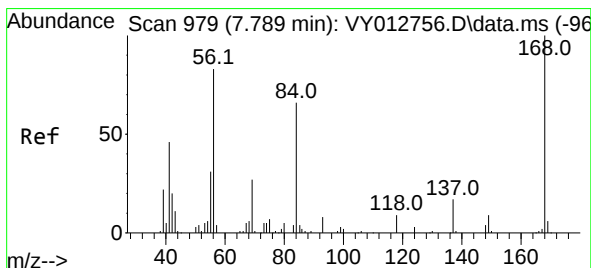
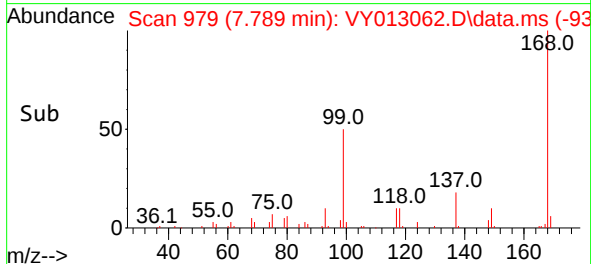
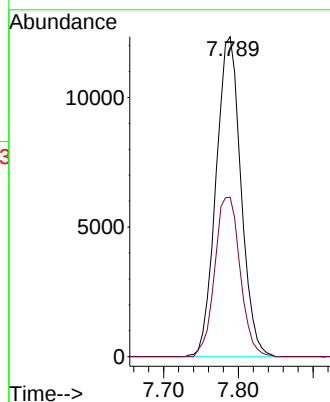
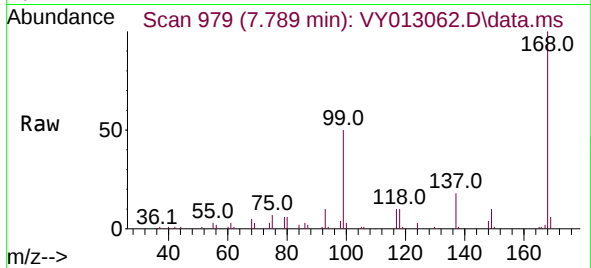




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013062.D
Acq: 23 Mar 2023 15:08

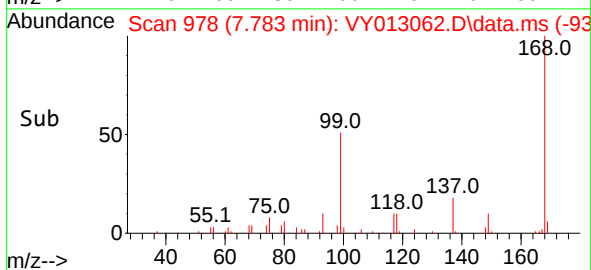
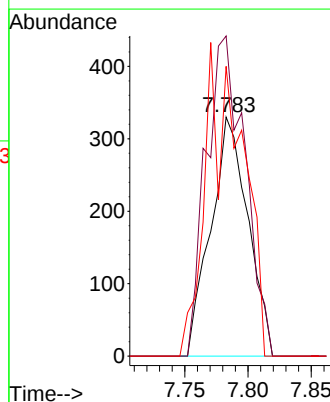
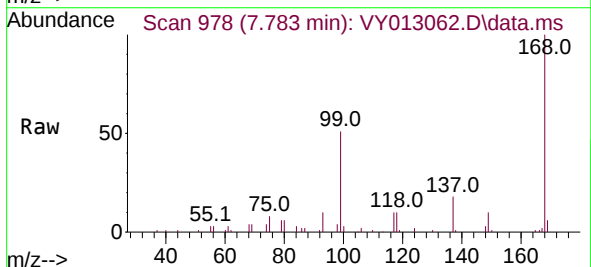
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-032123RE

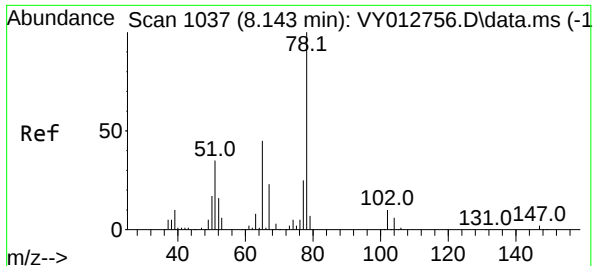
Tgt Ion:168 Resp: 28640
Ion Ratio Lower Upper
168 100
99 49.9 41.7 62.5



#31
Cyclohexane
Concen: 1.238 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY013062.D
Acq: 23 Mar 2023 15:08

Tgt Ion: 56 Resp: 674
Ion Ratio Lower Upper
56 100
69 133.9 25.7 38.5#
84 121.2 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 78.394 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.007 min

Lab File: VY013062.D

Acq: 23 Mar 2023 15:08

Instrument :

MSVOA_Y

ClientSampleId :

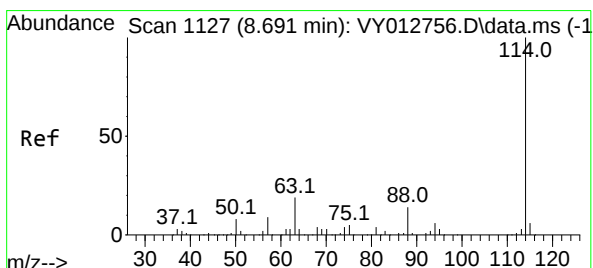
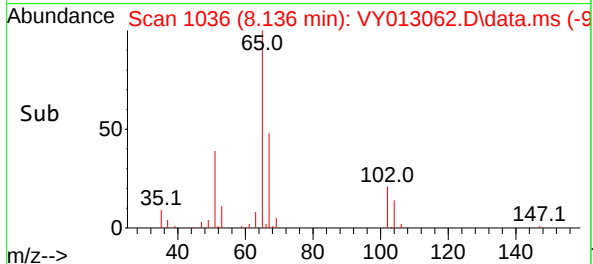
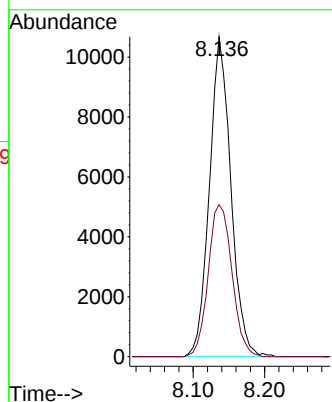
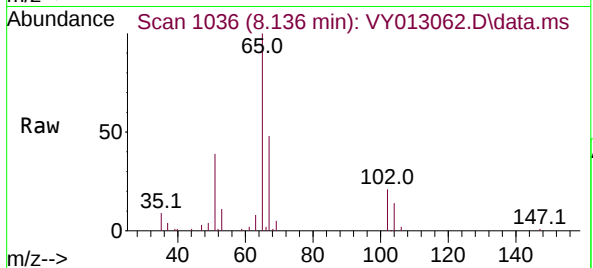
TR-05-032123RE

Tgt Ion: 65 Resp: 22292

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013062.D

Acq: 23 Mar 2023 15:08

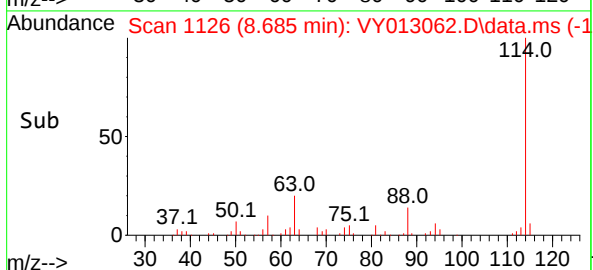
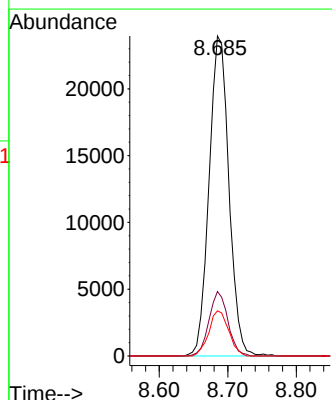
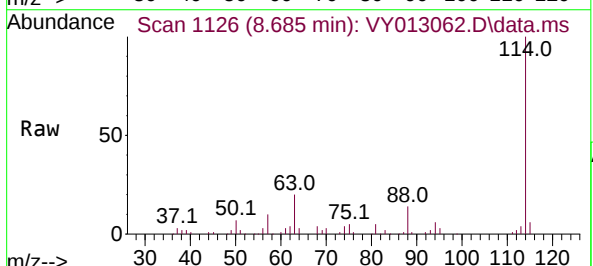
Tgt Ion: 114 Resp: 48151

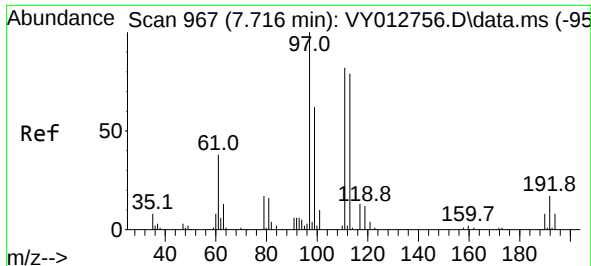
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 14.1 0.0 28.6

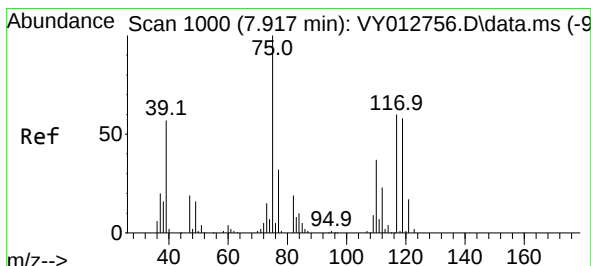
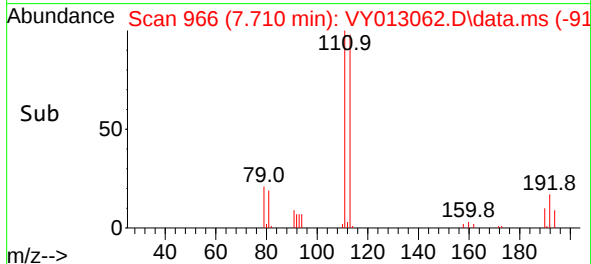
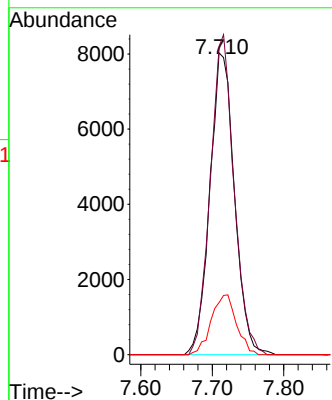
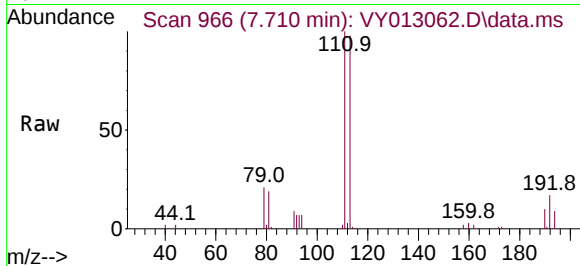




#35
Dibromofluoromethane
Concen: 65.979 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY013062.D
Acq: 23 Mar 2023 15:08

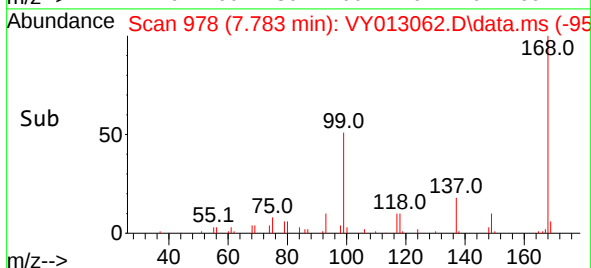
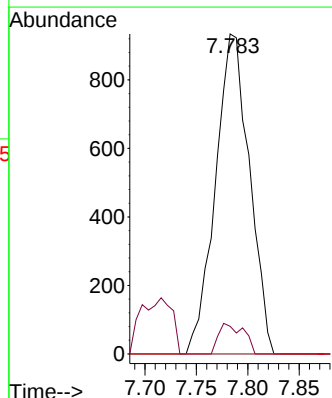
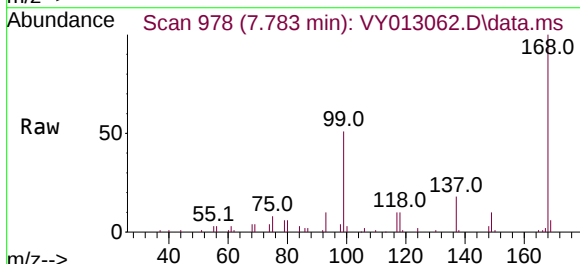
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-032123RE

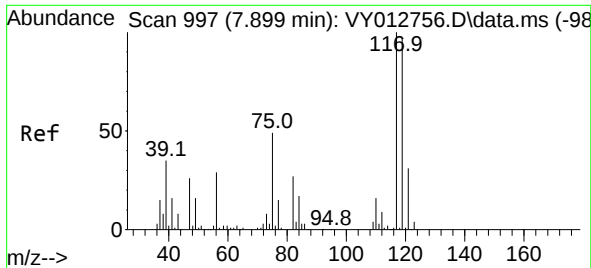
Tgt Ion:	113	Resp:	19173
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.2
192	20.3	16.8	25.2



#36
1,1-Dichloropropene
Concen: 4.419 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013062.D
Acq: 23 Mar 2023 15:08

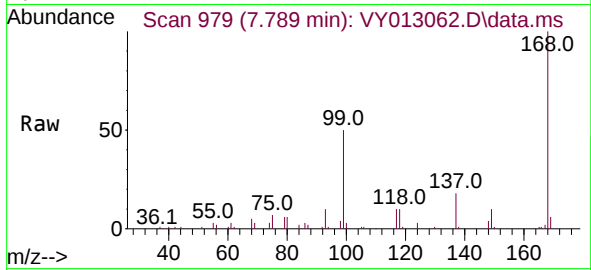
Tgt Ion:	75	Resp:	2152
Ion	Ratio	Lower	Upper
75	100		
110	7.0	17.8	53.3#
77	0.0	25.0	37.4#



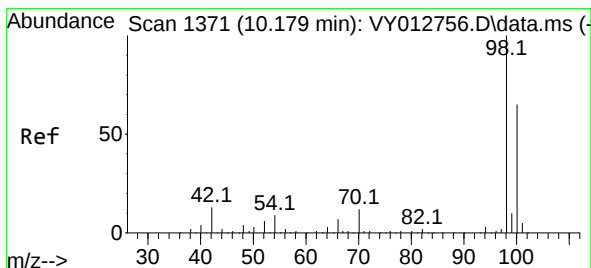
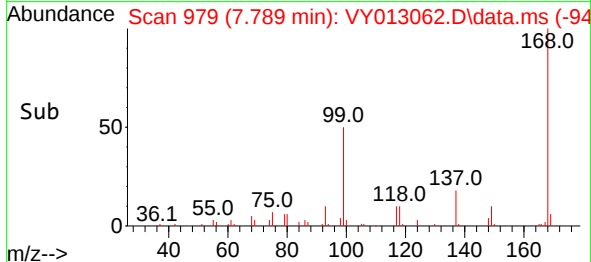
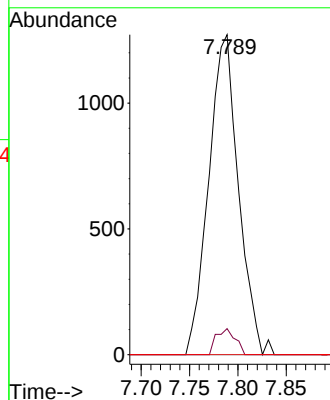


#38
Carbon Tetrachloride
Concen: 5.415 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013062.D
Acq: 23 Mar 2023 15:08

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-032123RE

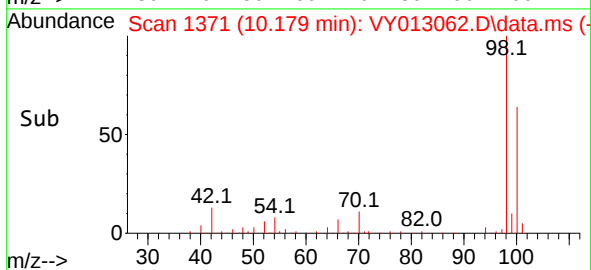
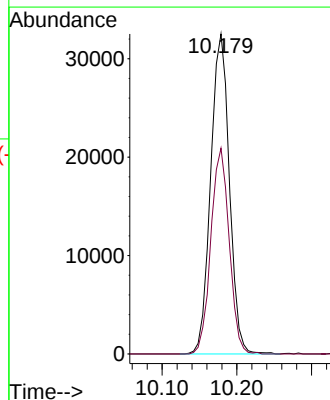
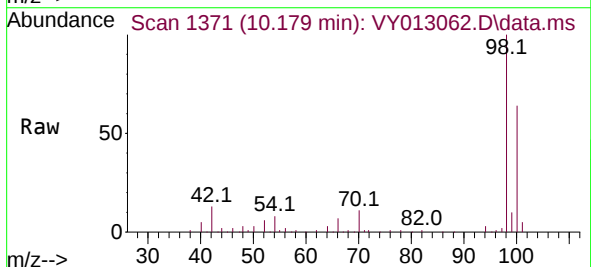


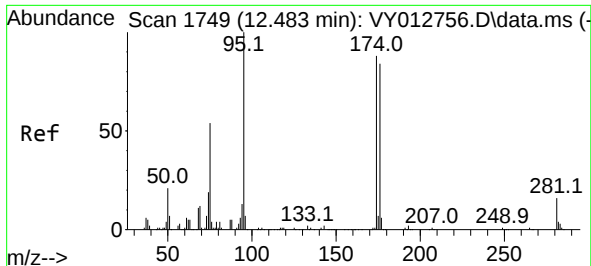
Tgt Ion:117 Resp: 2723
Ion Ratio Lower Upper
117 100
119 8.2 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 53.284 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013062.D
Acq: 23 Mar 2023 15:08

Tgt Ion: 98 Resp: 56606
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3

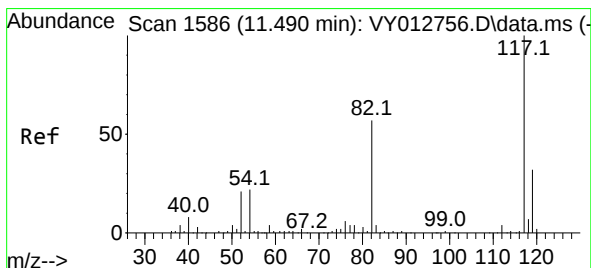
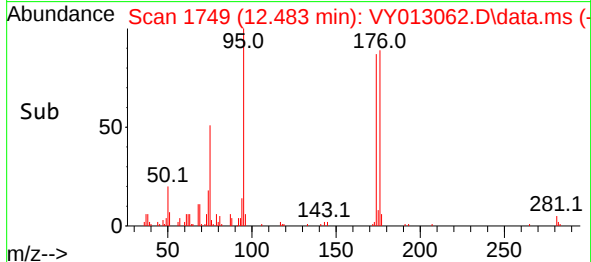
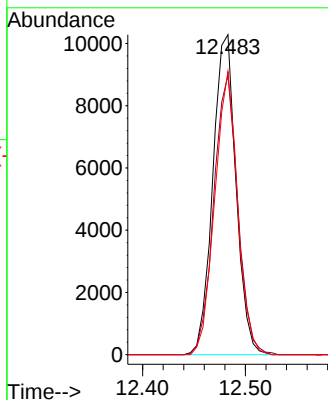
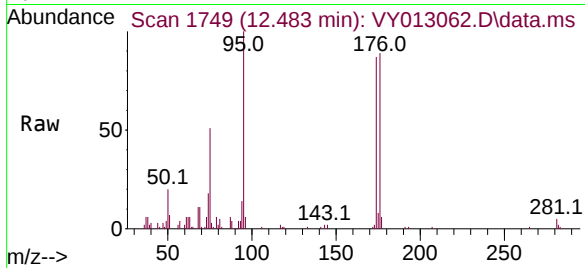




#62
4-Bromofluorobenzene
Concen: 45.027 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013062.D
Acq: 23 Mar 2023 15:08

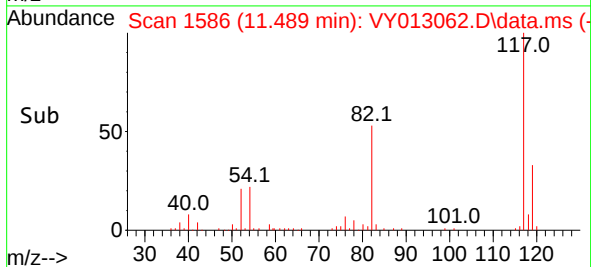
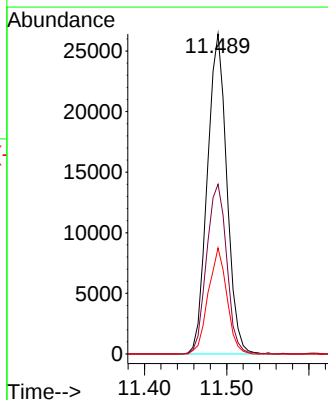
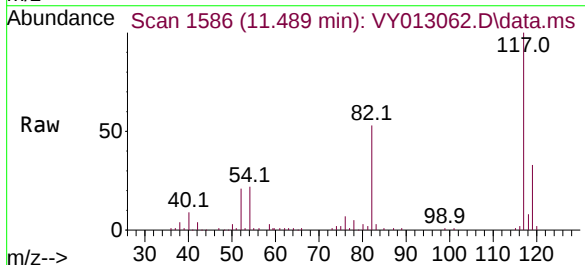
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-032123RE

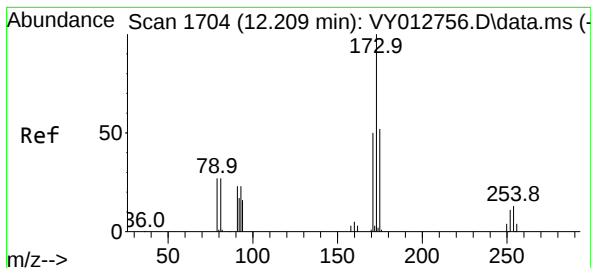
Tgt Ion:	95	Resp:	16145
Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	176.6
176	87.0	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013062.D
Acq: 23 Mar 2023 15:08

Tgt Ion:	117	Resp:	43449
Ion	Ratio	Lower	Upper
117	100		
82	53.1	45.4	68.0
119	33.2	25.6	38.4





#71

Bromoform

Concen: 1.041 ug/l

RT: 12.477 min Scan# 11

Delta R.T. 0.268 min

Lab File: VY013062.D

Acq: 23 Mar 2023 15:08

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-032123RE

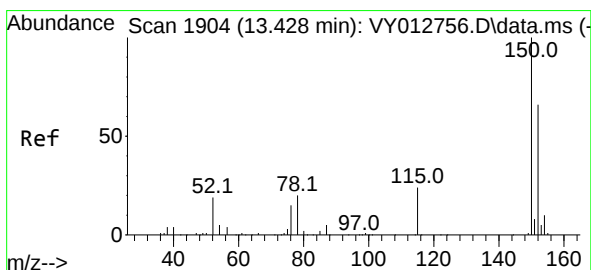
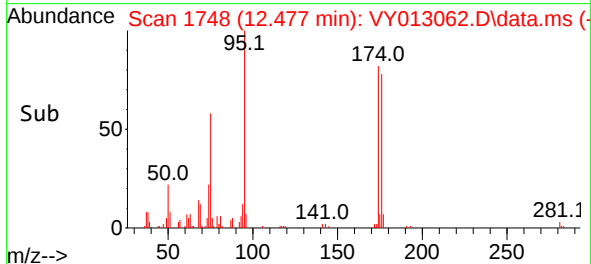
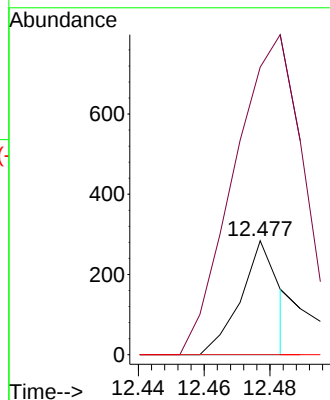
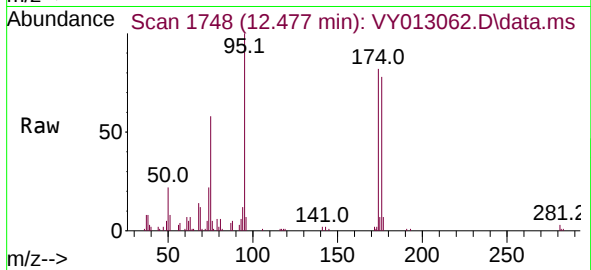
Tgt Ion:173 Resp: 229

Ion Ratio Lower Upper

173 100

175 0.0 25.0 75.0#

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013062.D

Acq: 23 Mar 2023 15:08

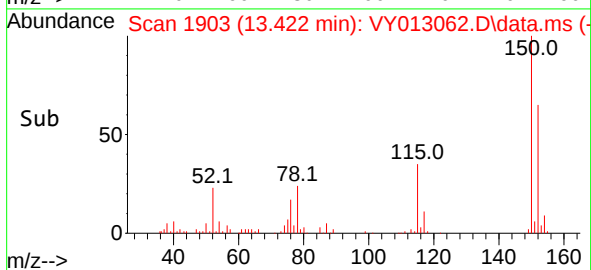
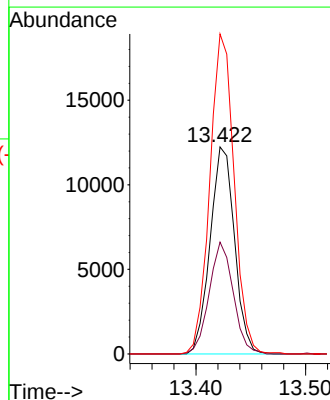
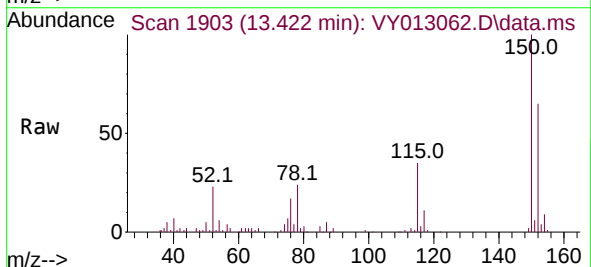
Tgt Ion:152 Resp: 18938

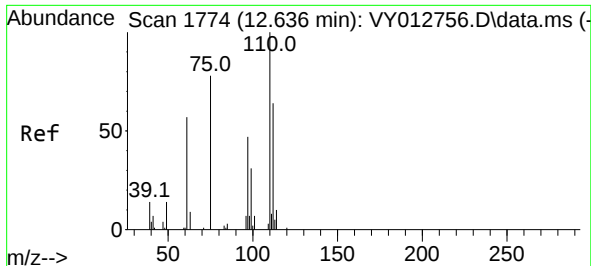
Ion Ratio Lower Upper

152 100

115 53.2 27.1 81.3

150 153.9 0.0 347.8

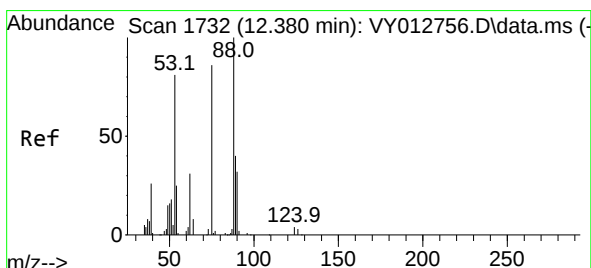
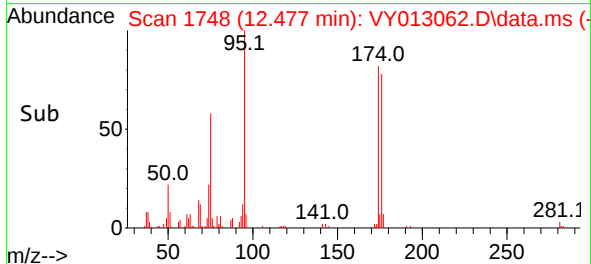
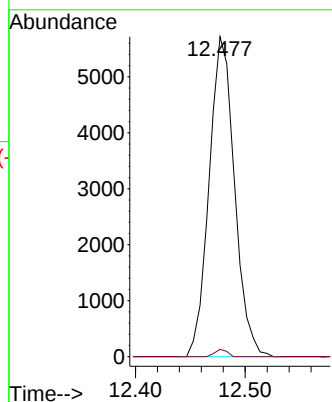
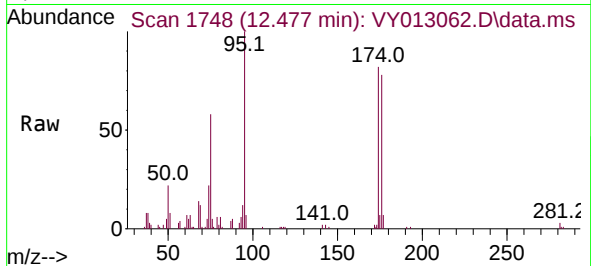




#76
1,2,3-Trichloropropane
Concen: 40.761 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY013062.D
Acq: 23 Mar 2023 15:08

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-032123RE

Tgt Ion: 75 Resp: 9218
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.457 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY013062.D
Acq: 23 Mar 2023 15:08

Tgt Ion: 75 Resp: 9218
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

