

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012823.D
 Acq On : 06 Mar 2023 15:05
 Operator : KP/MD
 Sample : 01820-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-3-03032023

Quant Time: Mar 07 04:24:41 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)

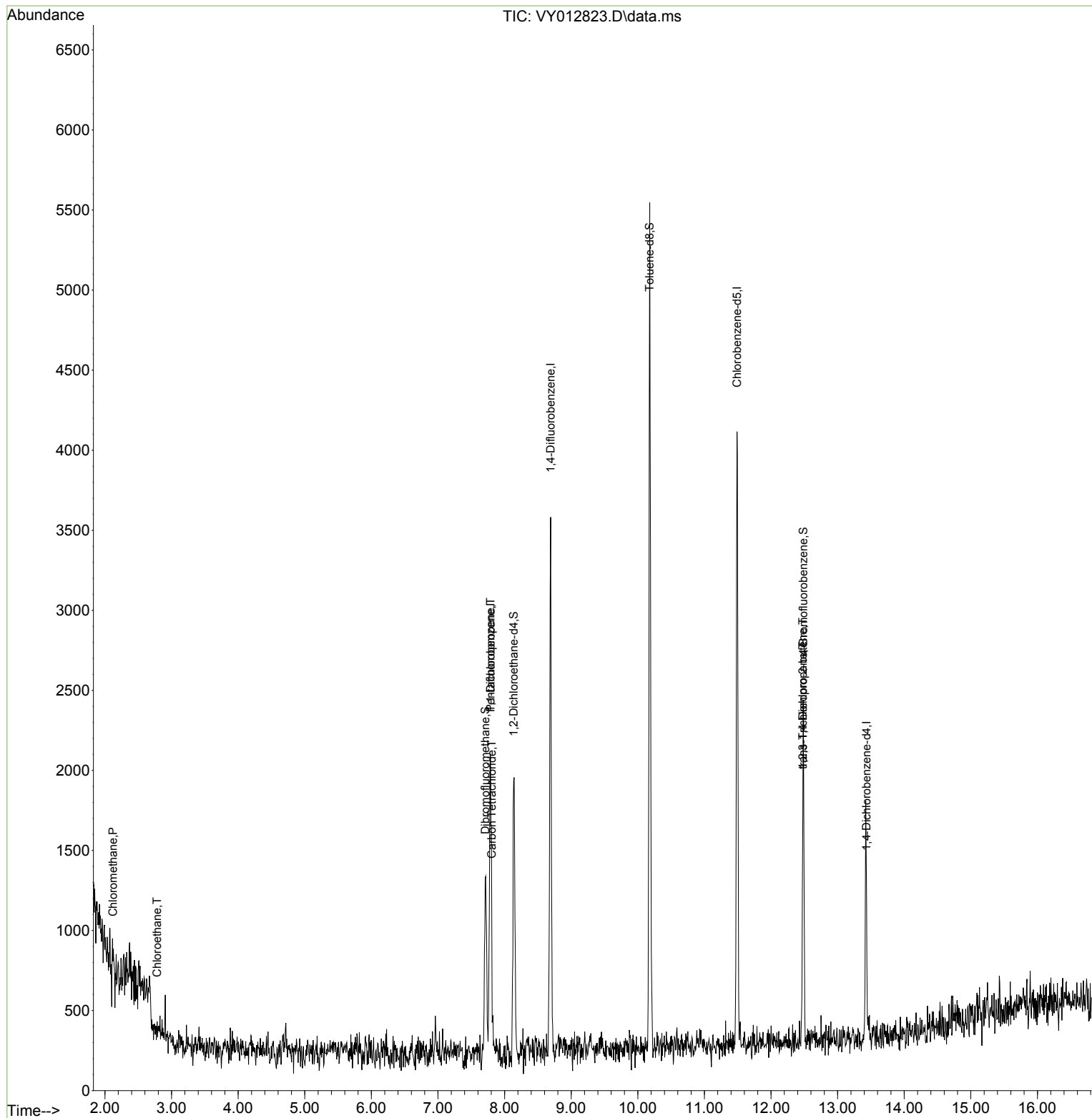
Internal Standards						
1) Pentafluorobenzene	7.789	168	1932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	3066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	2397	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1350	70.378	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.760%	
35) Dibromofluoromethane	7.710	113	942	50.910	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.820%	
50) Toluene-d8	10.179	98	3632	53.693	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.380%	
62) 4-Bromofluorobenzene	12.483	95	696	30.484	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 60.960%	
Target Compounds						Qvalue
3) Chloromethane	2.119	50	154	6.765	ug/l #	72
6) Chloroethane	2.784	64	154	12.318	ug/l #	43
36) 1,1-Dichloropropene	7.789	75	124	3.999	ug/l #	41
38) Carbon Tetrachloride	7.807	117	41	1.280	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	488	95.928	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	488	198.767	ug/l #	13

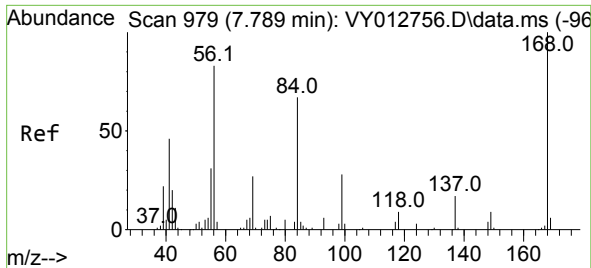
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
Data File : VY012823.D
Acq On : 06 Mar 2023 15:05
Operator : KP/MD
Sample : 01820-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-3-03032023

Quant Time: Mar 07 04:24:41 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

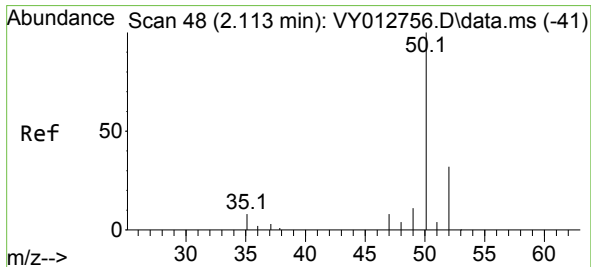
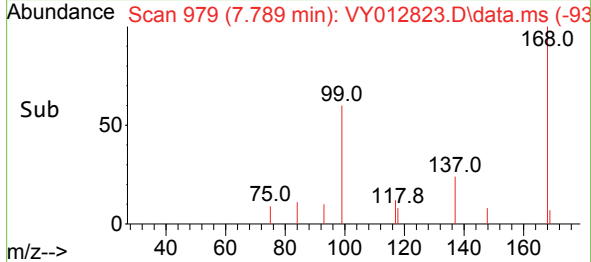
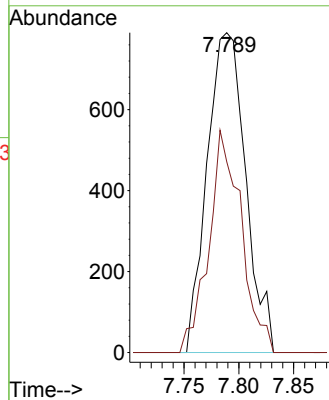
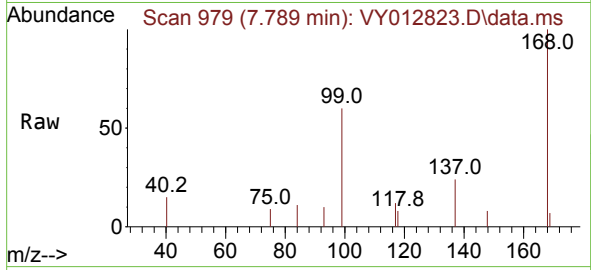




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012823.D
Acq: 06 Mar 2023 15:05

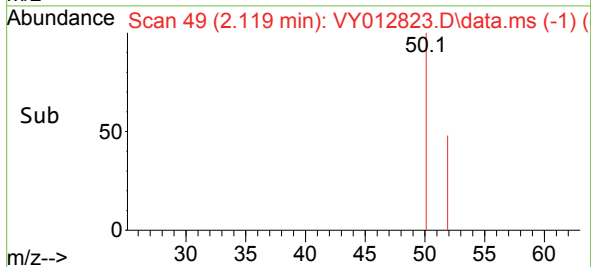
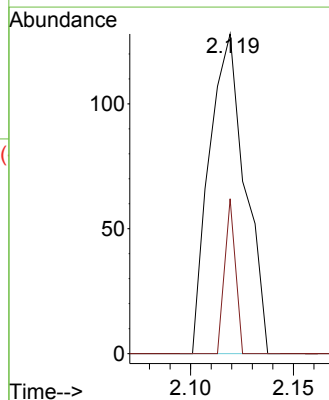
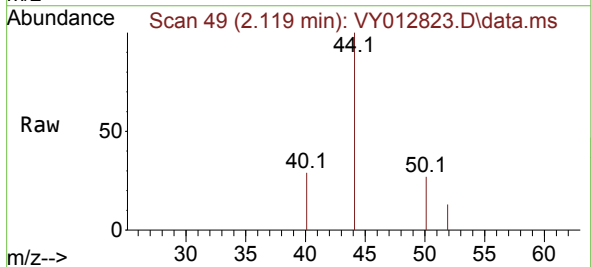
Instrument :
MSVOA_Y
ClientSampleId :
HR-3-03032023

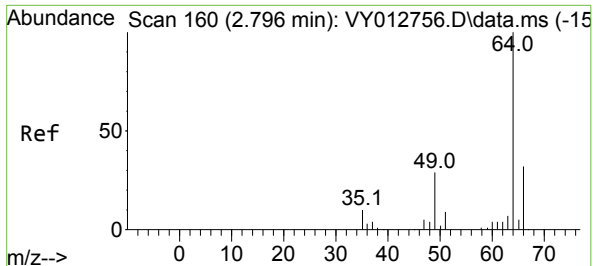
Tgt Ion:168 Resp: 1932
Ion Ratio Lower Upper
168 100
99 59.6 41.7 62.5



#3
Chloromethane
Concen: 6.765 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012823.D
Acq: 06 Mar 2023 15:05

Tgt Ion: 50 Resp: 154
Ion Ratio Lower Upper
50 100
52 48.4 26.0 39.0#

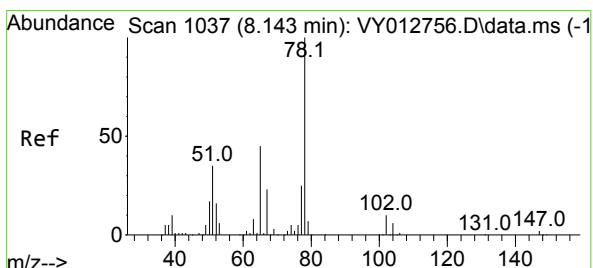
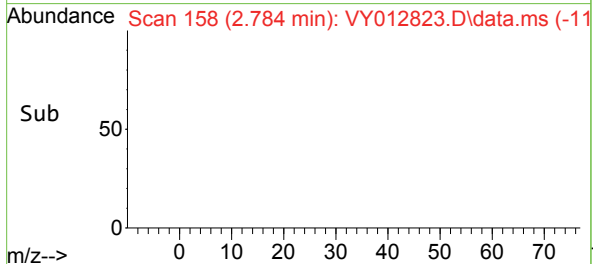
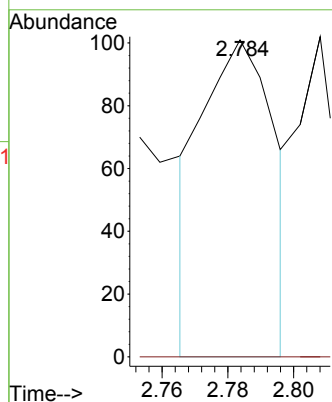
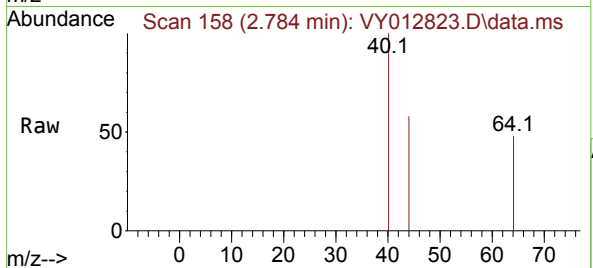




#6
Chloroethane
Concen: 12.318 ug/l
RT: 2.784 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY012823.D
Acq: 06 Mar 2023 15:05

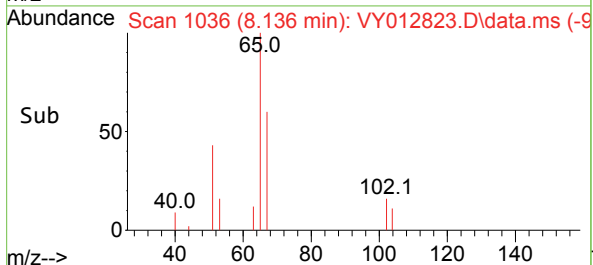
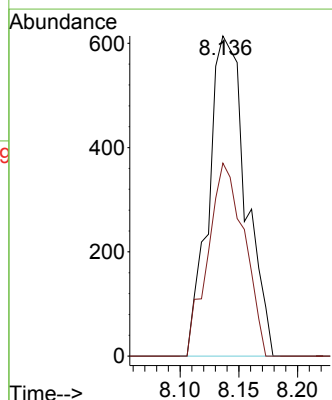
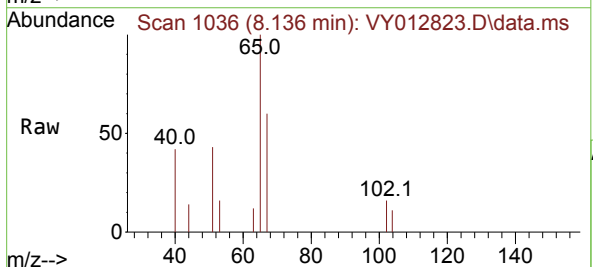
Instrument :
MSVOA_Y
ClientSampleId :
HR-3-03032023

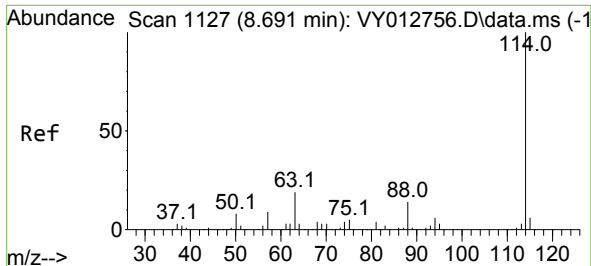
Tgt Ion: 64 Resp: 154
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#



#33
1,2-Dichloroethane-d4
Concen: 70.378 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012823.D
Acq: 06 Mar 2023 15:05

Tgt Ion: 65 Resp: 1350
Ion Ratio Lower Upper
65 100
67 59.0 0.0 104.0

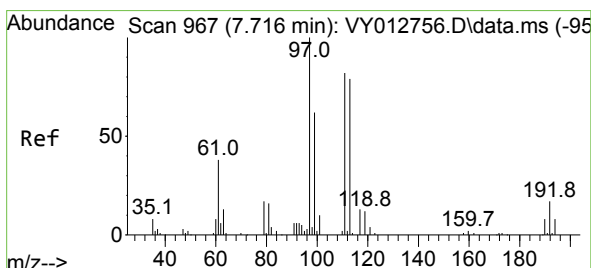
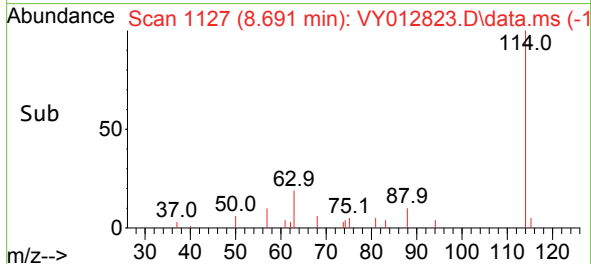
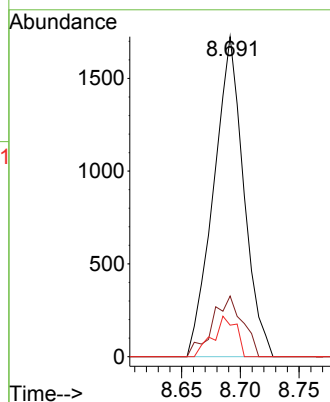
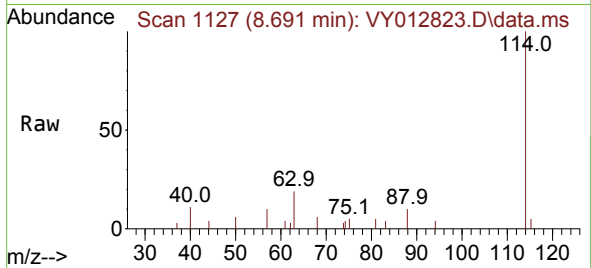




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012823.D
Acq: 06 Mar 2023 15:05

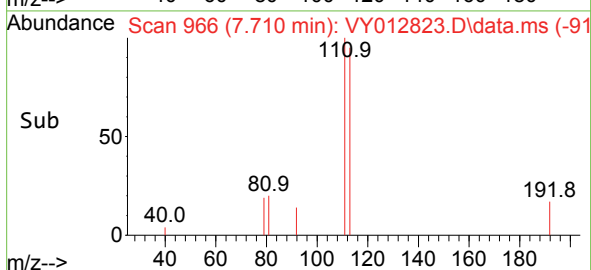
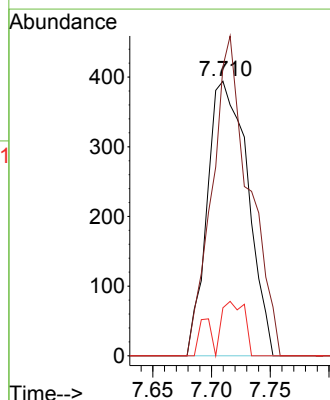
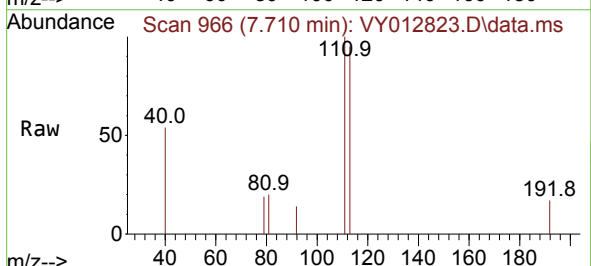
Instrument :
MSVOA_Y
ClientSampleId :
HR-3-03032023

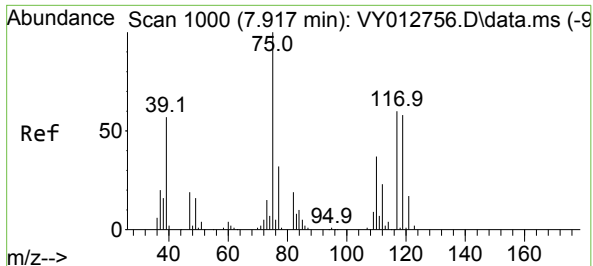
Tgt Ion:114 Resp: 3066
Ion Ratio Lower Upper
114 100
63 19.0 0.0 37.4
88 9.9 0.0 28.6



#35
Dibromofluoromethane
Concen: 50.910 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY012823.D
Acq: 06 Mar 2023 15:05

Tgt Ion:113 Resp: 942
Ion Ratio Lower Upper
113 100
111 106.9 82.2 123.2
192 11.1 16.8 25.2#





#36

1,1-Dichloropropene

Concen: 3.999 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012823.D

Acq: 06 Mar 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

HR-3-03032023

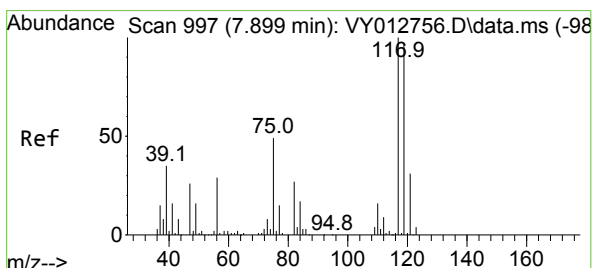
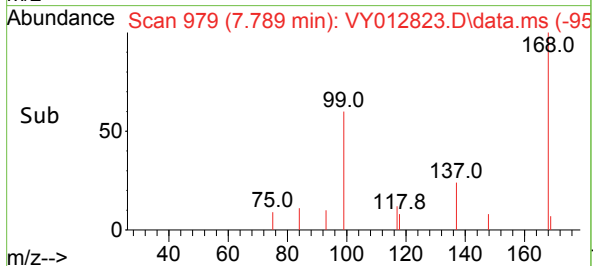
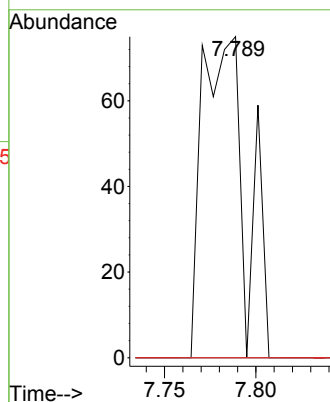
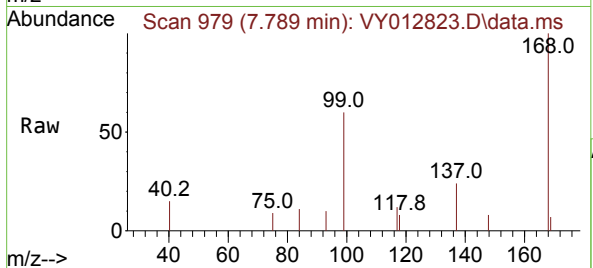
Tgt Ion: 75 Resp: 124

Ion Ratio Lower Upper

75 100

110 0.0 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 1.280 ug/l

RT: 7.807 min Scan# 982

Delta R.T. -0.092 min

Lab File: VY012823.D

Acq: 06 Mar 2023 15:05

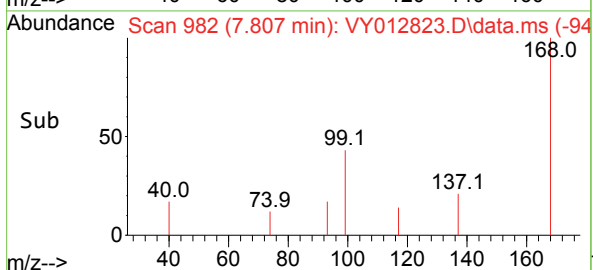
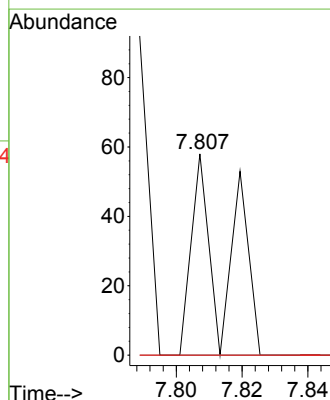
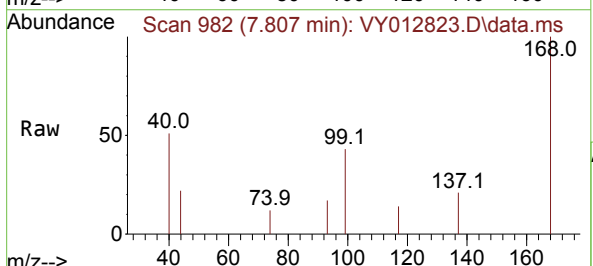
Tgt Ion: 117 Resp: 41

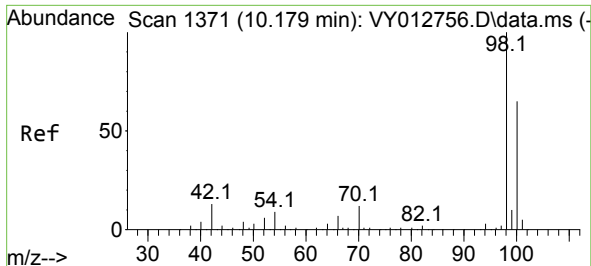
Ion Ratio Lower Upper

117 100

119 0.0 77.2 115.8#

121 0.0 24.7 37.1#

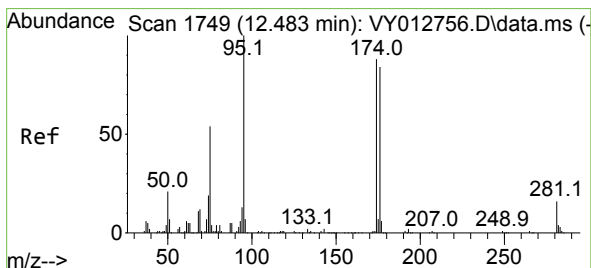
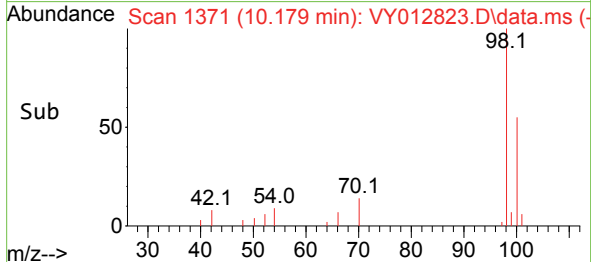
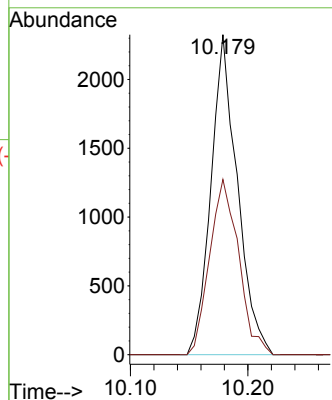
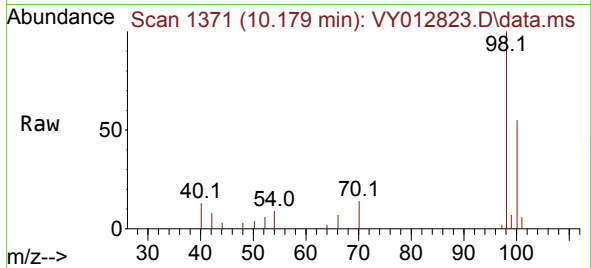




#50
Toluene-d8
Concen: 53.693 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012823.D
Acq: 06 Mar 2023 15:05

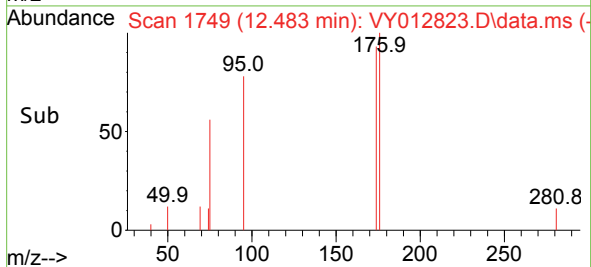
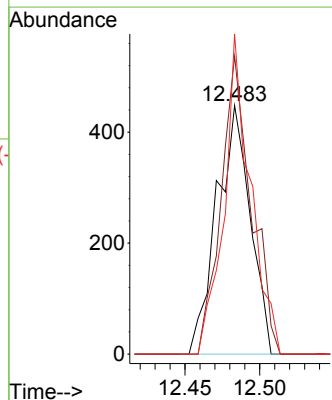
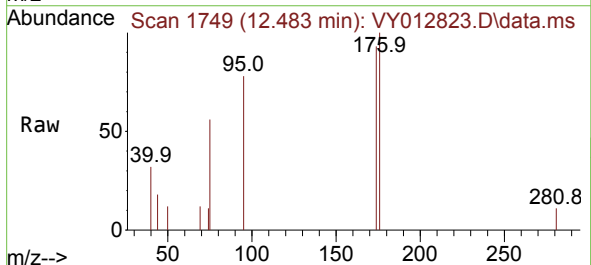
Instrument :
MSVOA_Y
ClientSampleId :
HR-3-03032023

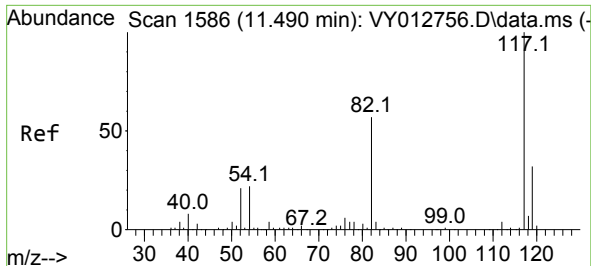
Tgt Ion: 98 Resp: 3632
Ion Ratio Lower Upper
98 100
100 60.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 30.484 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012823.D
Acq: 06 Mar 2023 15:05

Tgt Ion: 95 Resp: 696
Ion Ratio Lower Upper
95 100
174 108.8 0.0 176.6
176 101.4 0.0 170.2

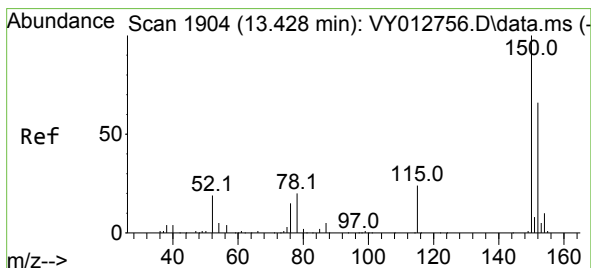
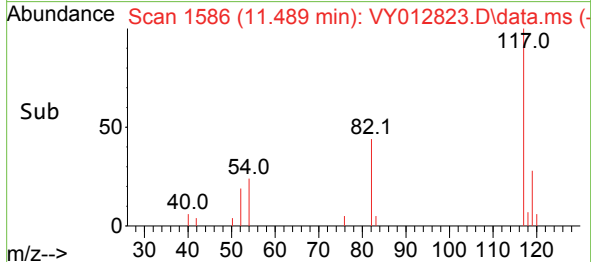
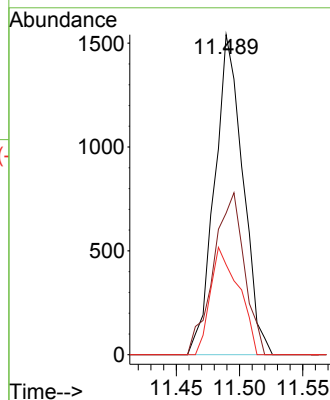
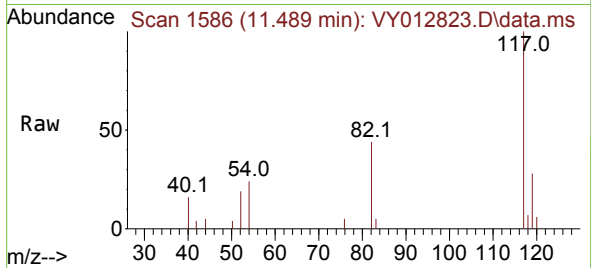




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012823.D
Acq: 06 Mar 2023 15:05

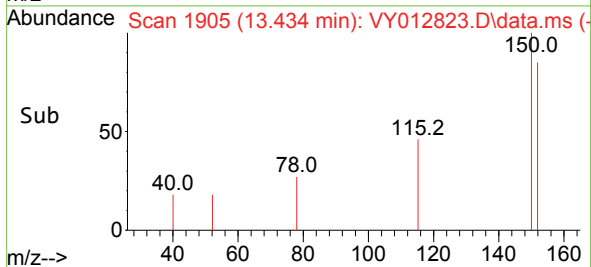
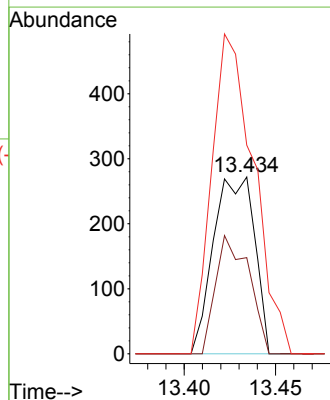
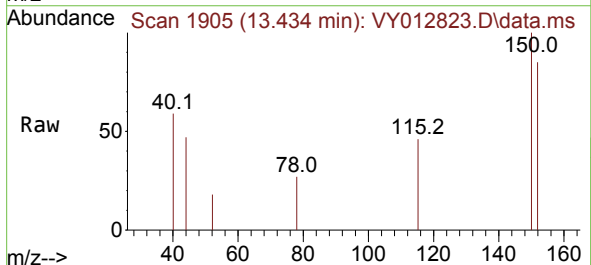
Instrument :
MSVOA_Y
ClientSampleId :
HR-3-03032023

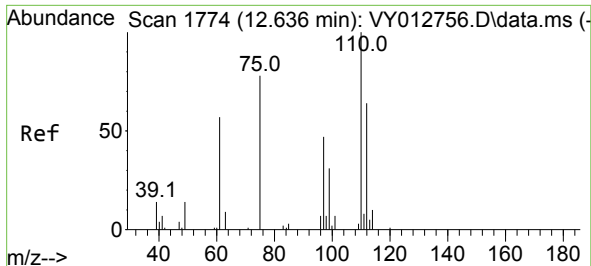
Tgt Ion:117 Resp: 2397
Ion Ratio Lower Upper
117 100
82 44.3 45.4 68.0#
119 28.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY012823.D
Acq: 06 Mar 2023 15:05

Tgt Ion:152 Resp: 426
Ion Ratio Lower Upper
152 100
115 54.2 27.1 81.3
150 184.7 0.0 347.8

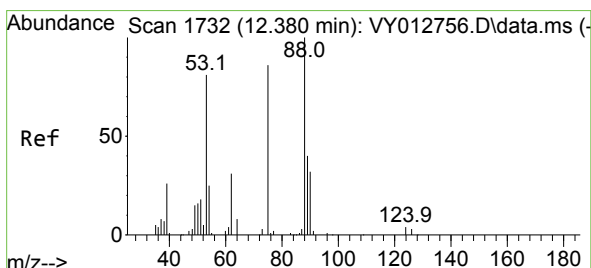
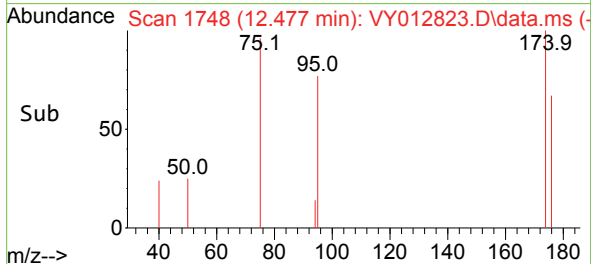
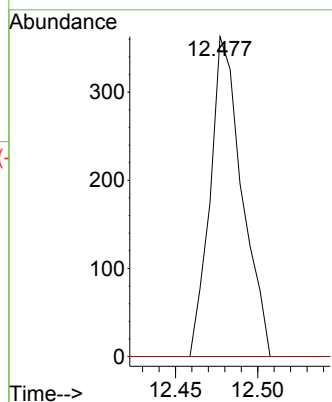
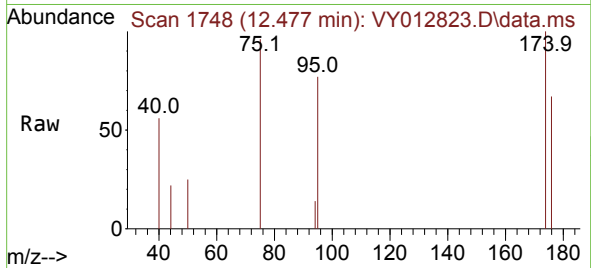




#76
1,2,3-Trichloropropane
Concen: 95.928 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY012823.D
Acq: 06 Mar 2023 15:05

Instrument :
MSVOA_Y
ClientSampleId :
HR-3-03032023

Tgt Ion: 75 Resp: 488
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 198.767 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY012823.D
Acq: 06 Mar 2023 15:05

Tgt Ion: 75 Resp: 488
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

