

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013433.D
 Acq On : 25 Apr 2023 06:58
 Operator : KP/MD
 Sample : 02390-02
 Misc : 2.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPC-1WC-23-04-17

Quant Time: Apr 25 08:00:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

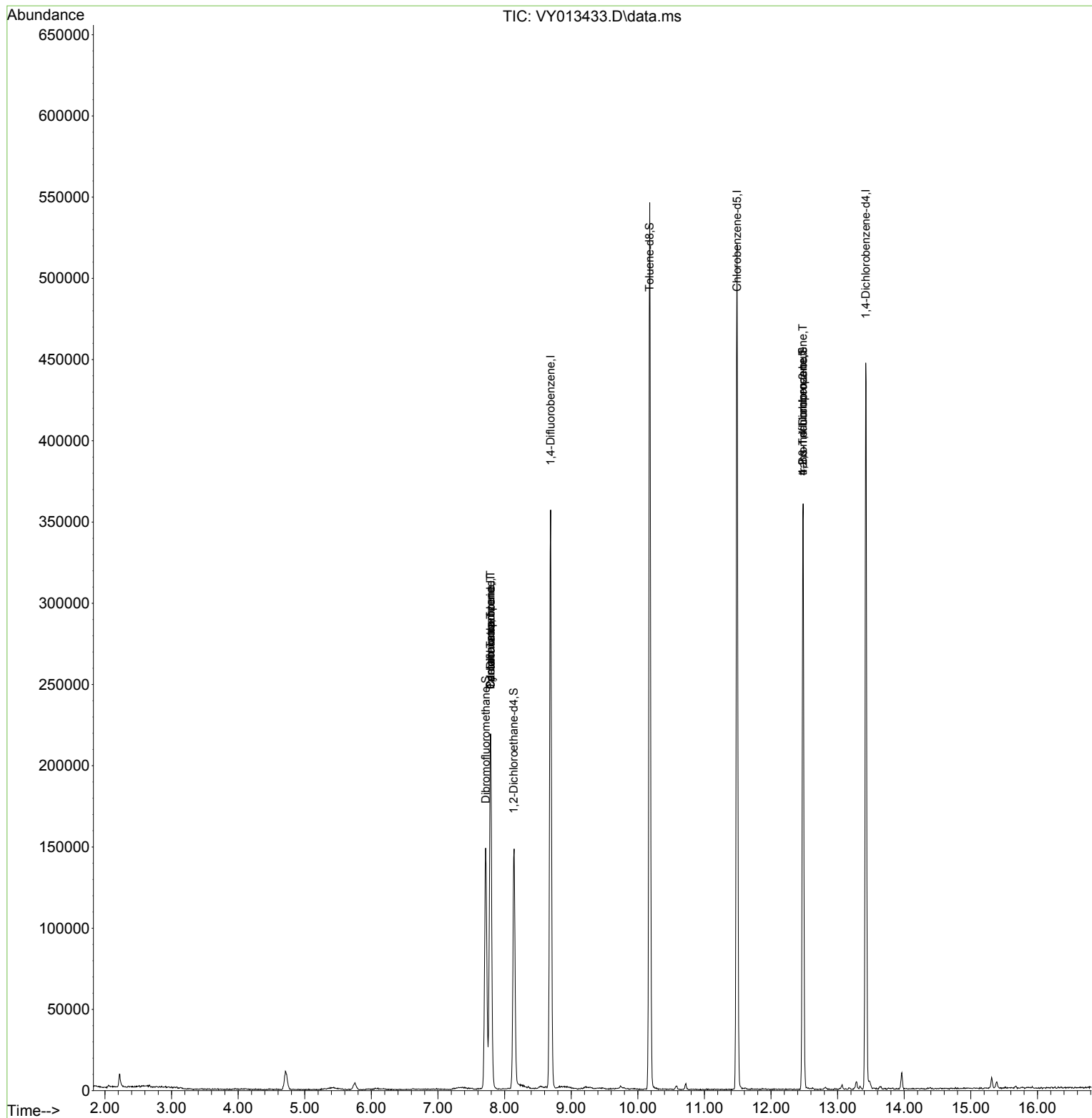
Internal Standards						
1) Pentafluorobenzene	7.789	168	170117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	293487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	269273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113944	61.101	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.200%	
35) Dibromofluoromethane	7.715	113	101359	54.910	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.820%	
50) Toluene-d8	10.178	98	354092	53.923	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.840%	
62) 4-Bromofluorobenzene	12.477	95	103997	46.977	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.960%	
Target Compounds						
					Qvalue	
13) Acrolein	3.722	56	65	Below Cal	#	16
20) Methylene Chloride	4.716	84	8124	Below Cal	#	80
31) Cyclohexane	7.789	56	4034	1.208	ug/l #	49
36) 1,1-Dichloropropene	7.789	75	13484	4.401	ug/l #	47
38) Carbon Tetrachloride	7.789	117	16291	5.074	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	56370	36.912	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	56370	75.505	ug/l #	13

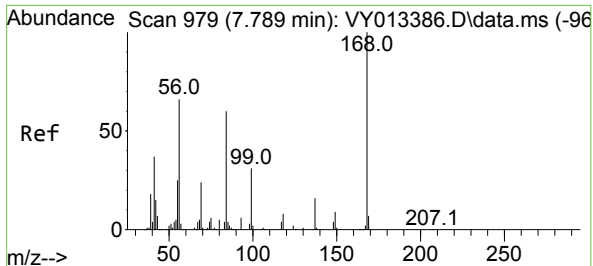
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
Data File : VY013433.D
Acq On : 25 Apr 2023 06:58
Operator : KP/MD
Sample : 02390-02
Misc : 2.97g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SPC-1WC-23-04-17

Quant Time: Apr 25 08:00:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

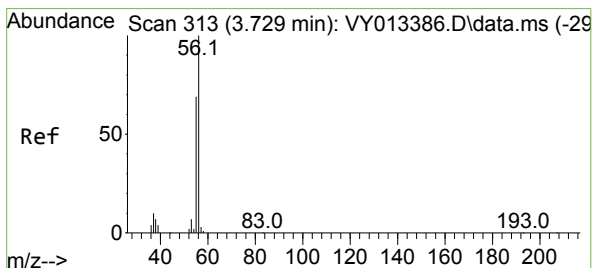
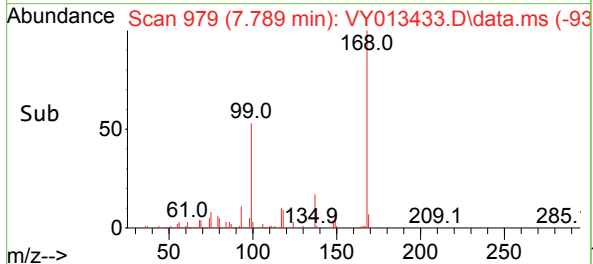
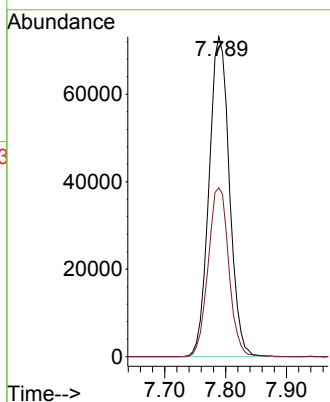
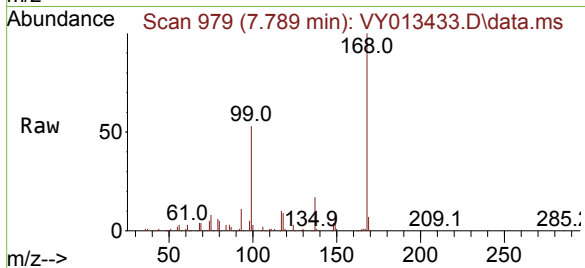




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013433.D
Acq: 25 Apr 2023 06:58

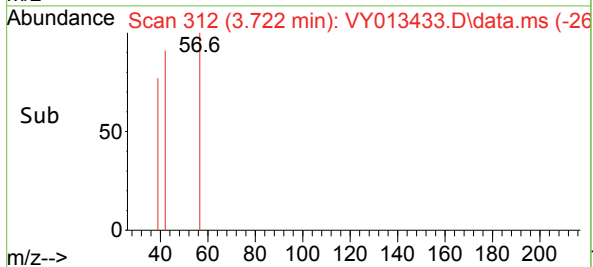
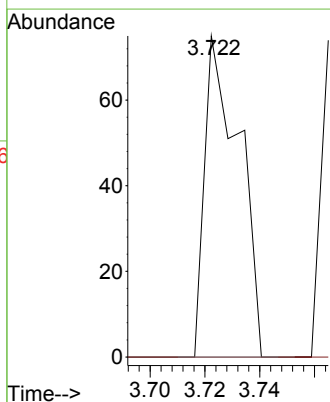
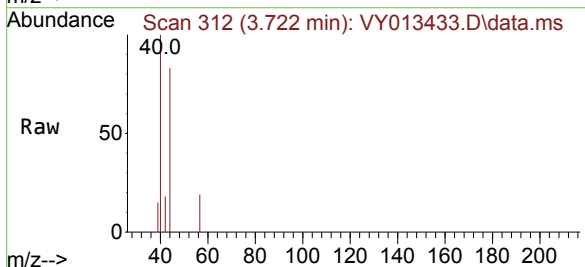
Instrument :
MSVOA_Y
ClientSampleId :
SPC-1WC-23-04-17

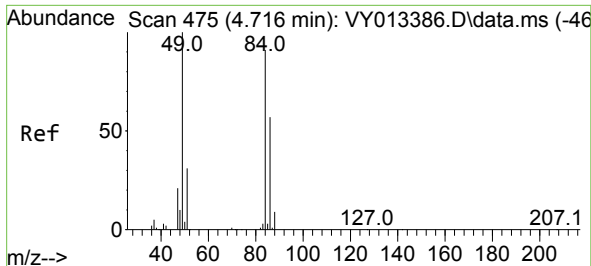
Tgt Ion:168 Resp: 170117
Ion Ratio Lower Upper
168 100
99 52.8 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.722 min Scan# 312
Delta R.T. -0.007 min
Lab File: VY013433.D
Acq: 25 Apr 2023 06:58

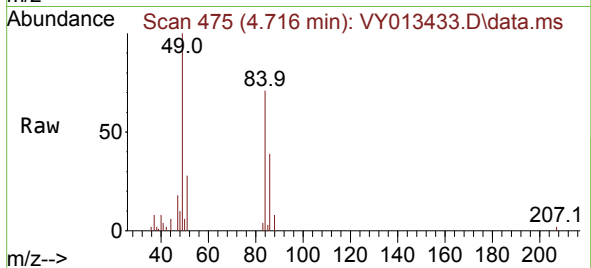
Tgt Ion: 56 Resp: 65
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#



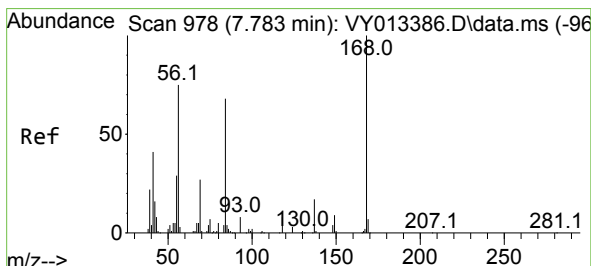
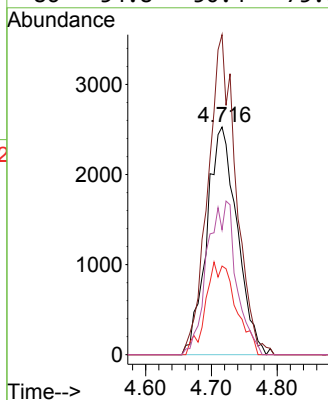
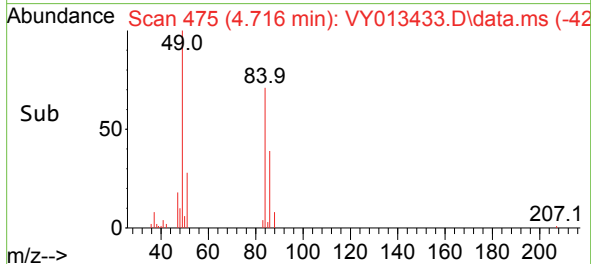


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013433.D
Acq: 25 Apr 2023 06:58

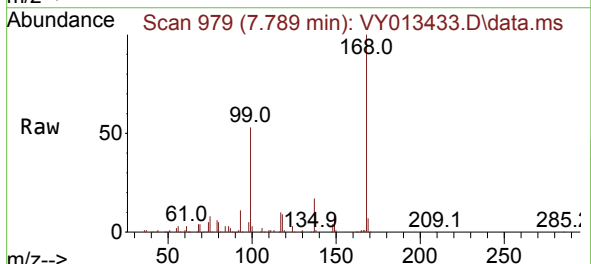
Instrument :
MSVOA_Y
ClientSampleId :
SPC-1WC-23-04-17



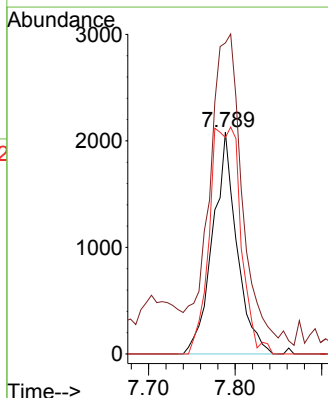
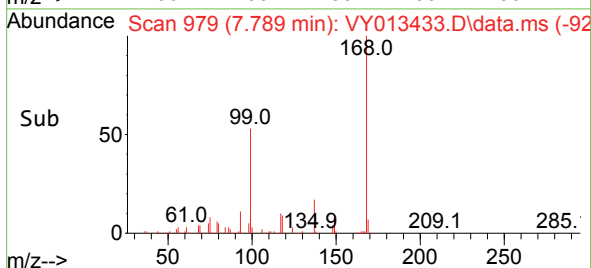
Tgt Ion: 84 Resp: 8124
Ion Ratio Lower Upper
84 100
49 140.5 88.0 132.0#
51 38.9 27.4 41.0
86 54.8 50.4 75.6

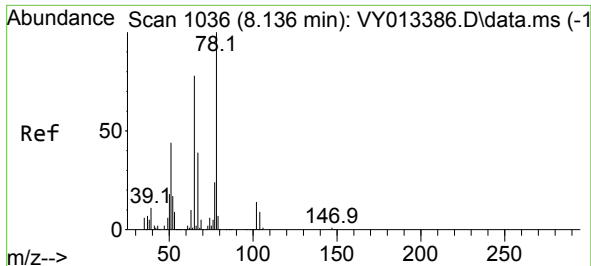


#31
Cyclohexane
Concen: 1.208 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY013433.D
Acq: 25 Apr 2023 06:58



Tgt Ion: 56 Resp: 4034
Ion Ratio Lower Upper
56 100
69 132.9 29.2 43.8#
84 97.5 73.0 109.6

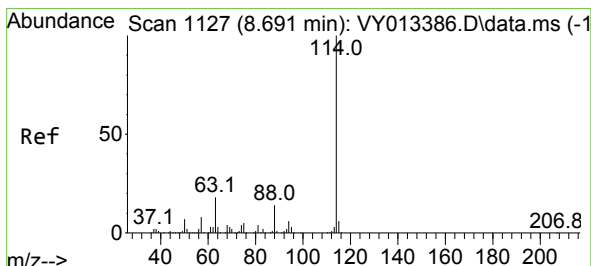
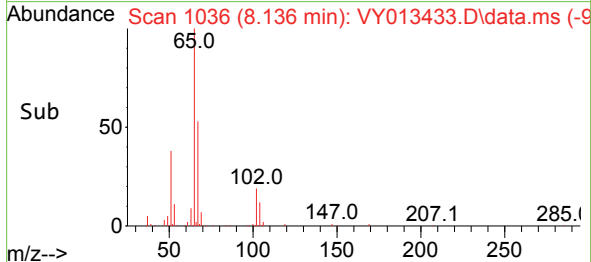
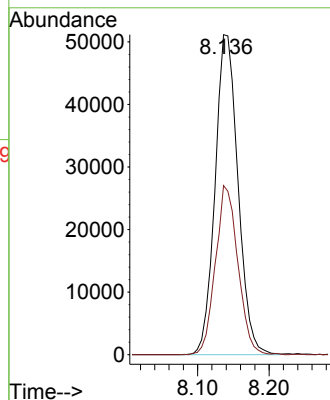
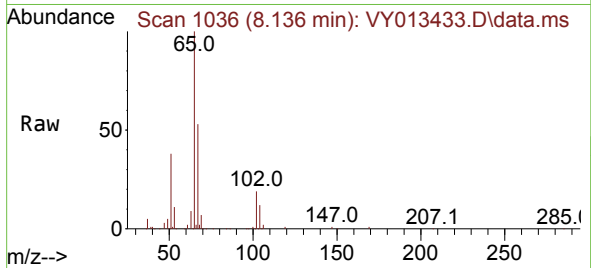




#33
1,2-Dichloroethane-d4
Concen: 61.101 ug/l
RT: 8.136 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VY013433.D
Acq: 25 Apr 2023 06:58

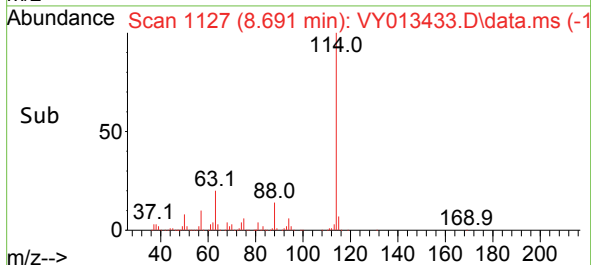
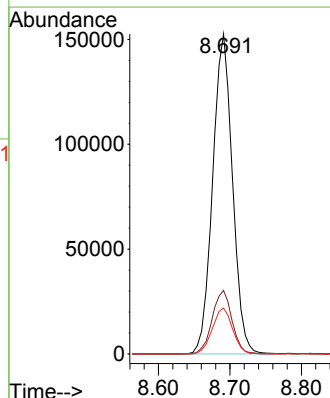
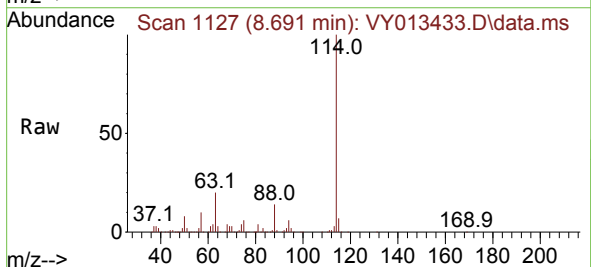
Instrument :
MSVOA_Y
ClientSampleId :
SPC-1WC-23-04-17

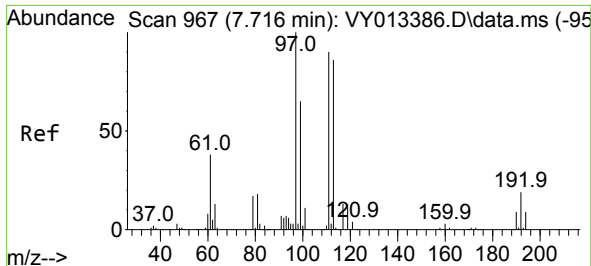
Tgt Ion: 65 Resp: 113944
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY013433.D
Acq: 25 Apr 2023 06:58

Tgt Ion: 114 Resp: 293487
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.6
88 14.4 0.0 28.8

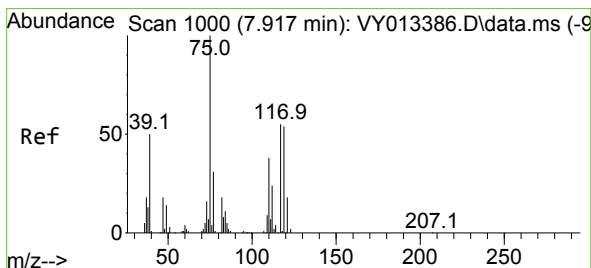
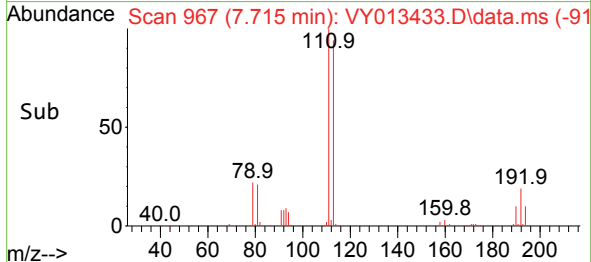
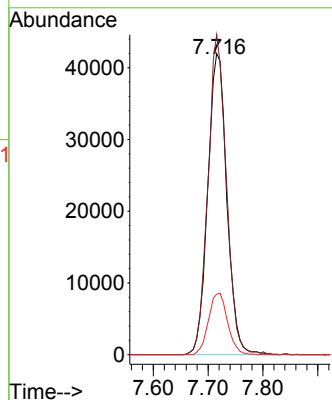
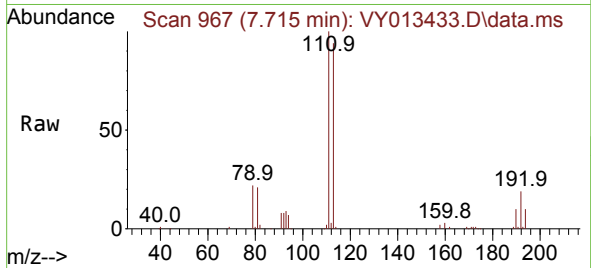




#35
Dibromofluoromethane
Concen: 54.910 ug/l
RT: 7.715 min Scan# 910
Delta R.T. -0.001 min
Lab File: VY013433.D
Acq: 25 Apr 2023 06:58

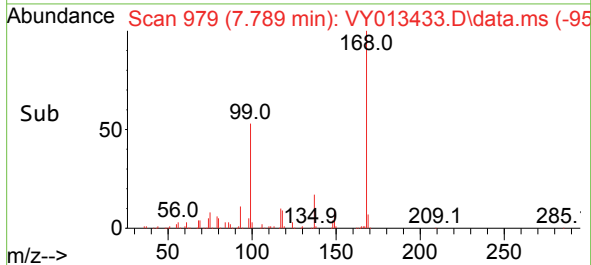
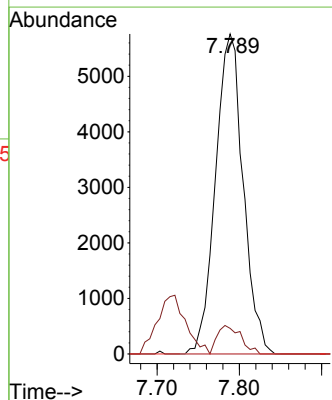
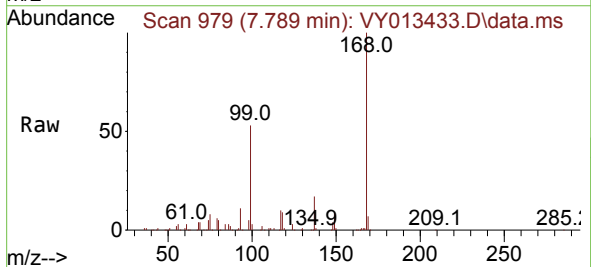
Instrument :
MSVOA_Y
ClientSampleId :
SPC-1WC-23-04-17

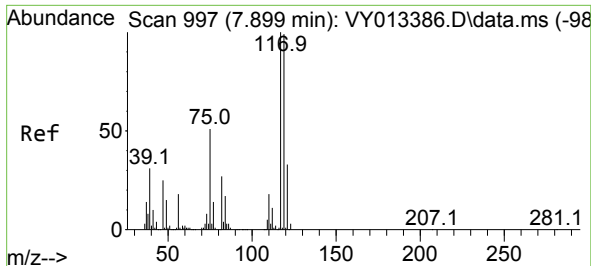
Tgt Ion:113 Resp: 101359
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 20.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.401 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013433.D
Acq: 25 Apr 2023 06:58

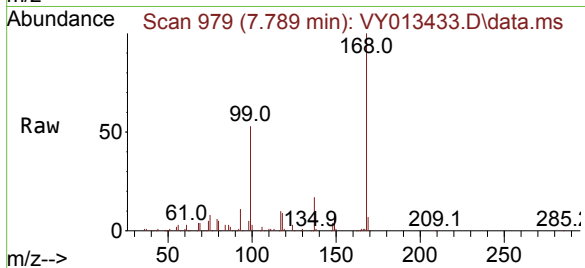
Tgt Ion: 75 Resp: 13484
Ion Ratio Lower Upper
75 100
110 7.6 18.7 56.1#
77 0.0 24.6 37.0#



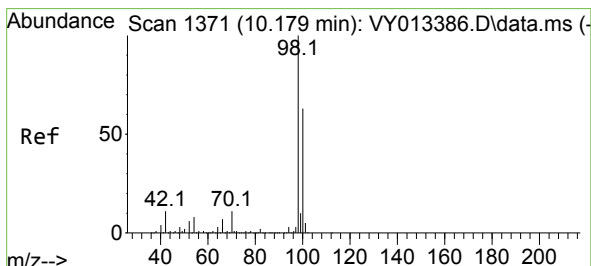
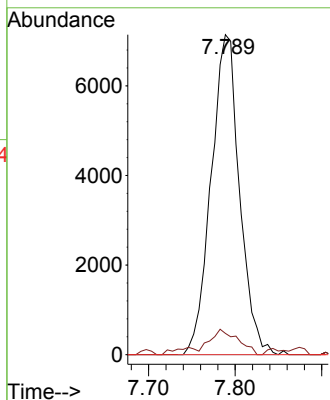
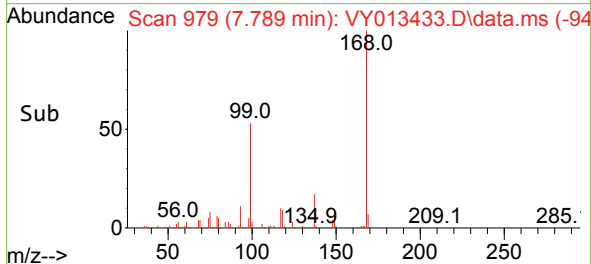


#38
Carbon Tetrachloride
Concen: 5.074 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013433.D
Acq: 25 Apr 2023 06:58

Instrument :
MSVOA_Y
ClientSampleId :
SPC-1WC-23-04-17

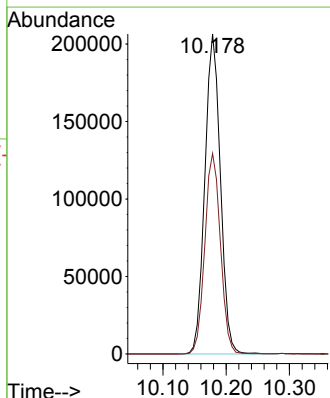
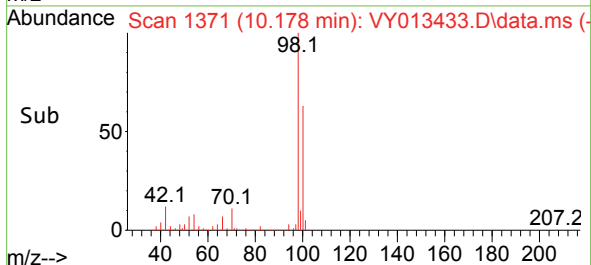
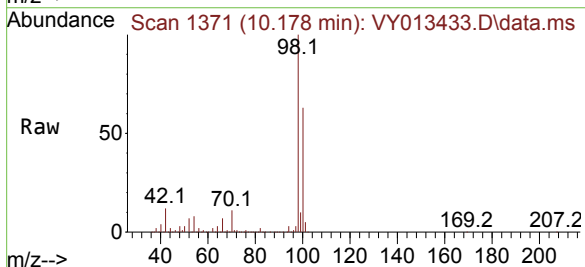


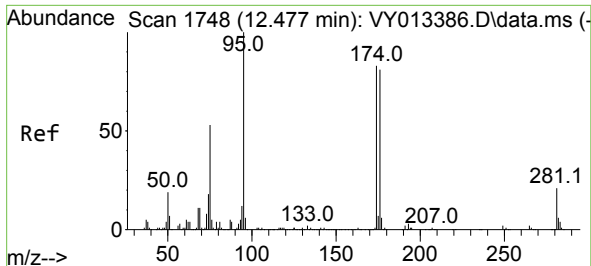
Tgt Ion:117 Resp: 16291
Ion Ratio Lower Upper
117 100
119 5.5 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 53.923 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY013433.D
Acq: 25 Apr 2023 06:58

Tgt Ion: 98 Resp: 354092
Ion Ratio Lower Upper
98 100
100 62.8 50.5 75.7

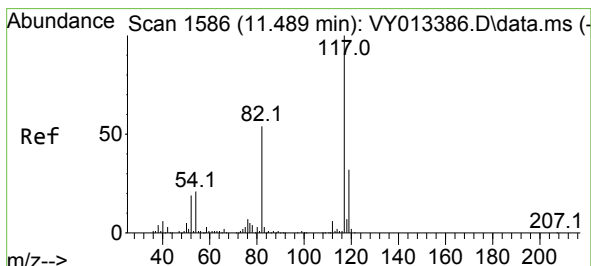
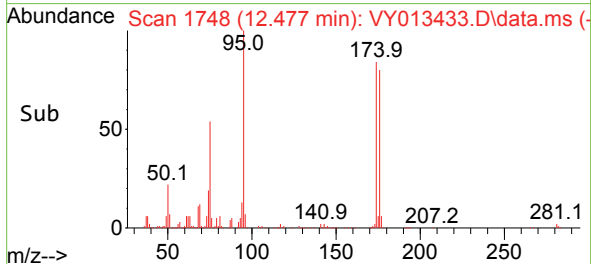
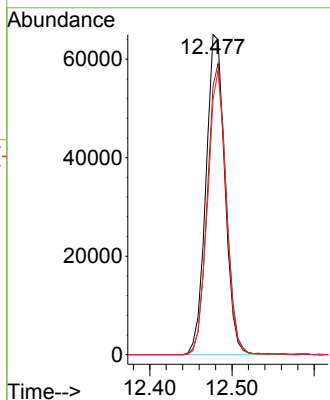
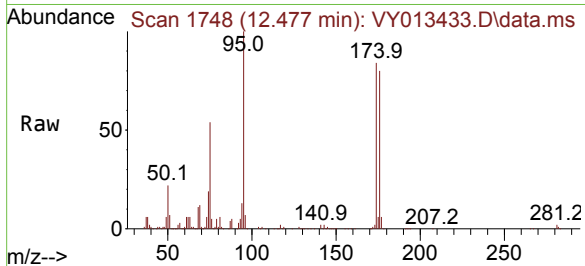




#62
4-Bromofluorobenzene
Concen: 46.977 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013433.D
Acq: 25 Apr 2023 06:58

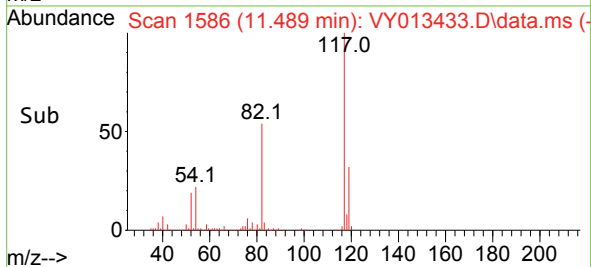
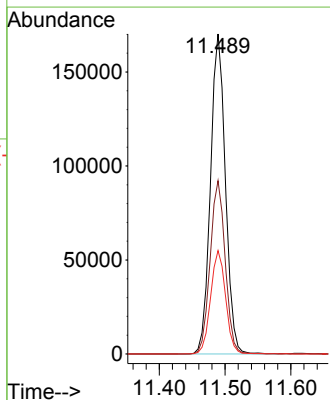
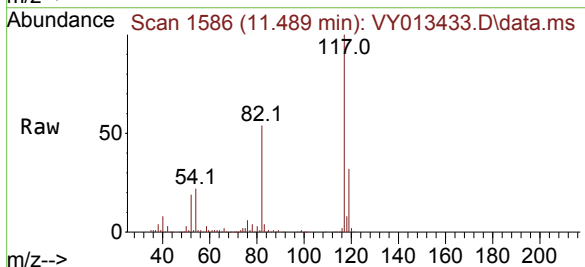
Instrument :
MSVOA_Y
ClientSampleId :
SPC-1WC-23-04-17

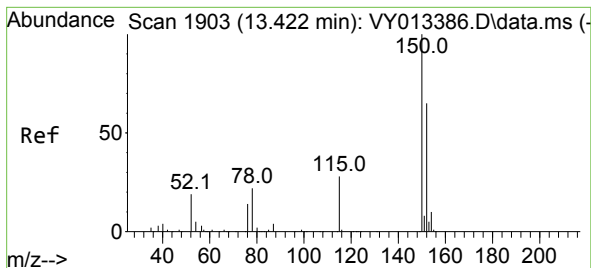
Tgt Ion: 95 Resp: 103997
Ion Ratio Lower Upper
95 100
174 90.6 0.0 182.0
176 87.1 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013433.D
Acq: 25 Apr 2023 06:58

Tgt Ion: 117 Resp: 269273
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.6
119 32.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013433.D

Acq: 25 Apr 2023 06:58

Instrument :

MSVOA_Y

ClientSampleId :

SPC-1WC-23-04-17

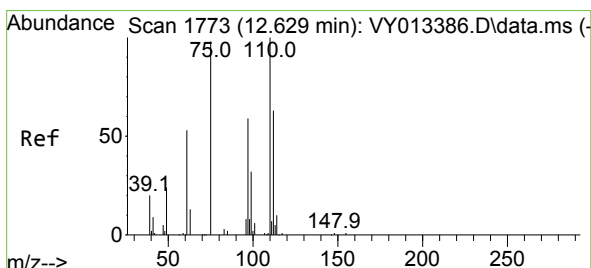
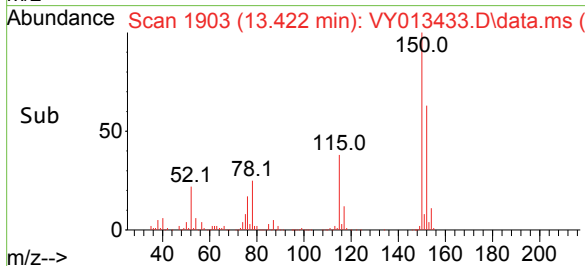
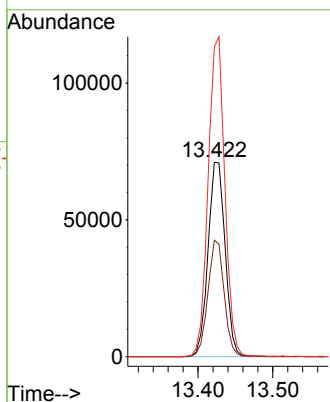
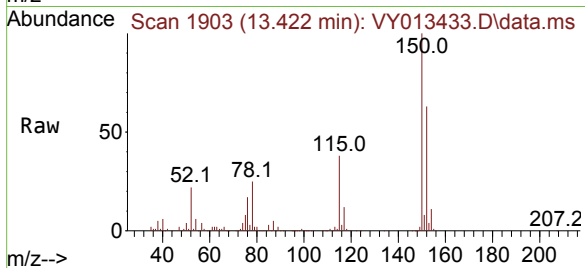
Tgt Ion:152 Resp: 113239

Ion Ratio Lower Upper

152 100

115 56.9 28.1 84.2

150 160.5 0.0 352.0



#76

1,2,3-Trichloropropane

Concen: 36.912 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY013433.D

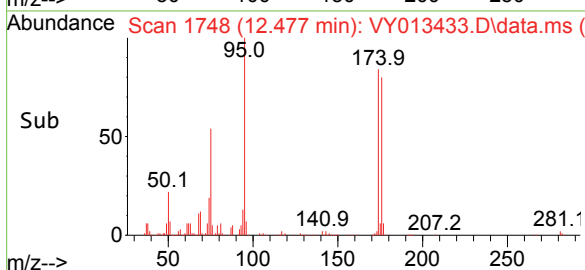
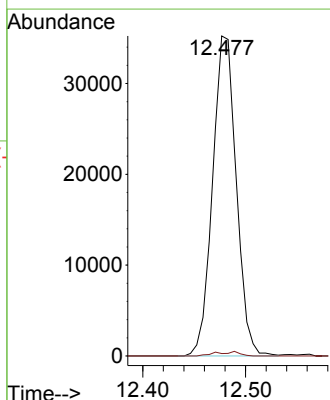
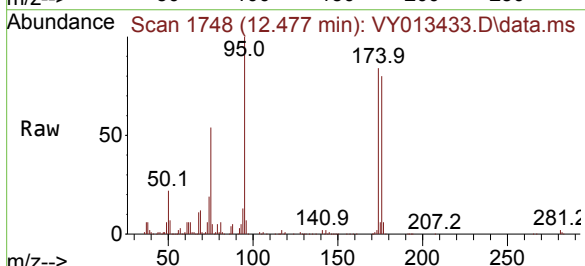
Acq: 25 Apr 2023 06:58

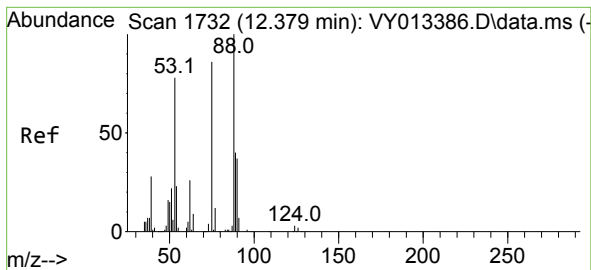
Tgt Ion: 75 Resp: 56370

Ion Ratio Lower Upper

75 100

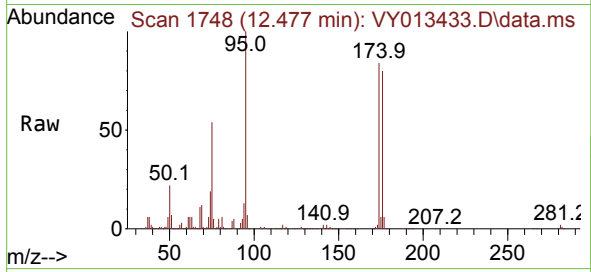
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.505 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY013433.D
 Acq: 25 Apr 2023 06:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPC-1WC-23-04-17



Tgt Ion: 75 Resp: 56370
 Ion Ratio Lower Upper
 75 100
 53 0.3 73.2 109.8#
 89 0.0 38.0 57.0#

