

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013434.D
 Acq On : 25 Apr 2023 07:22
 Operator : KP/MD
 Sample : 02390-06
 Misc : 4.46g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPC-2WC-23-04-17

Quant Time: Apr 25 08:00:35 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)

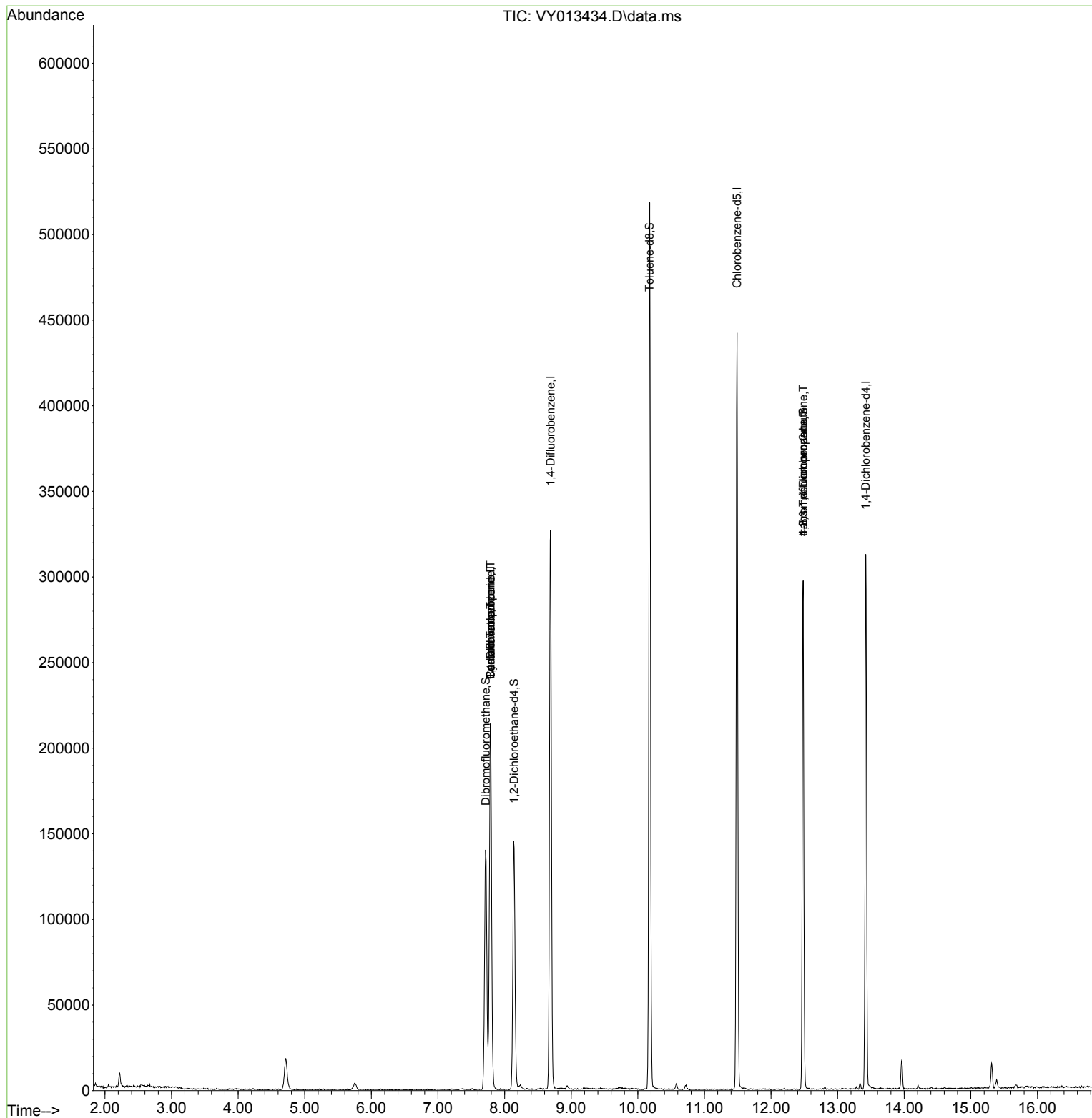
Internal Standards						
1) Pentafluorobenzene	7.789	168	165618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	278083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	233951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	79638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	114981	63.332	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.660%	
35) Dibromofluoromethane	7.716	113	97312	55.638	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.280%	
50) Toluene-d8	10.179	98	327107	52.573	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.140%	
62) 4-Bromofluorobenzene	12.483	95	85198	40.617	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.240%	
Target Compounds						
					Qvalue	
13) Acrolein	3.723	56	59	Below Cal	#	58
20) Methylene Chloride	4.716	84	12745	Below Cal		89
31) Cyclohexane	7.789	56	3887	1.196	ug/l #	47
36) 1,1-Dichloropropene	7.789	75	12716	4.381	ug/l #	51
38) Carbon Tetrachloride	7.789	117	16168	5.314	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	44881	41.788	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44881	85.480	ug/l #	13

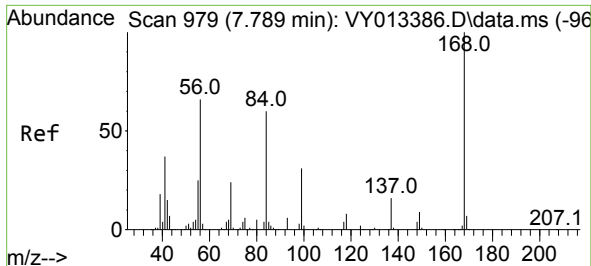
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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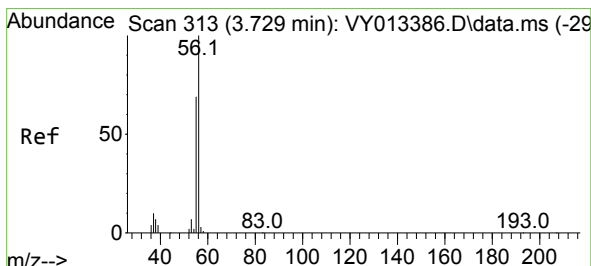
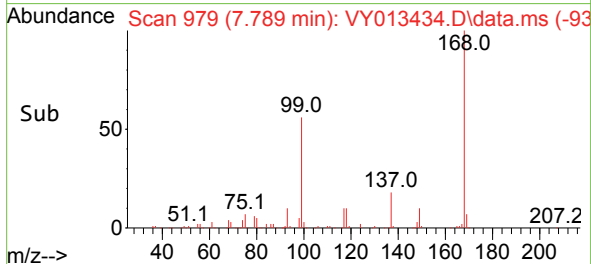
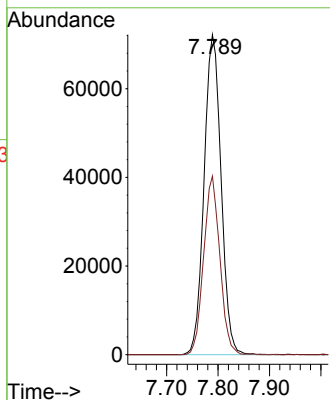
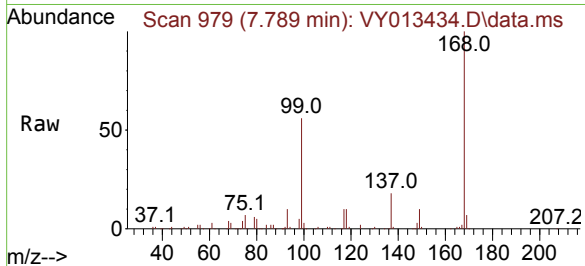




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013434.D
Acq: 25 Apr 2023 07:22

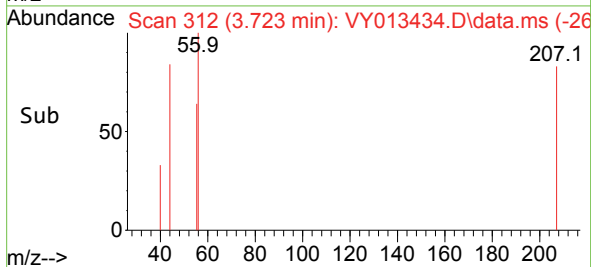
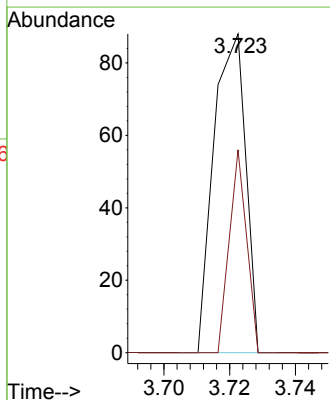
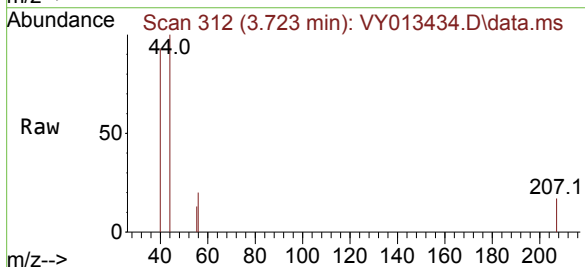
Instrument :
MSVOA_Y
ClientSampleId :
SPC-2WC-23-04-17

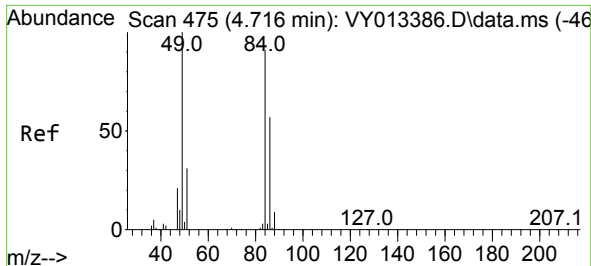
Tgt Ion:168 Resp: 165618
Ion Ratio Lower Upper
168 100
99 55.8 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.723 min Scan# 312
Delta R.T. -0.006 min
Lab File: VY013434.D
Acq: 25 Apr 2023 07:22

Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 33.9 54.1 81.1#

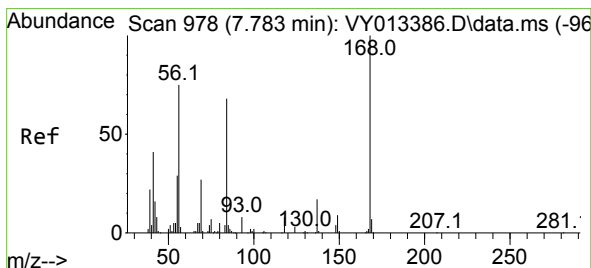
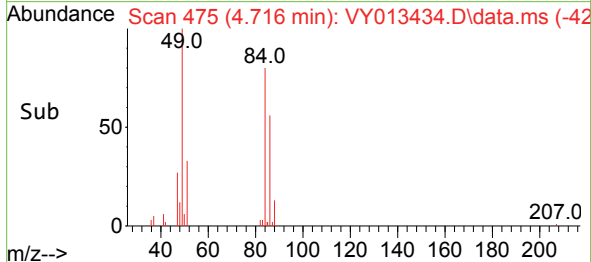
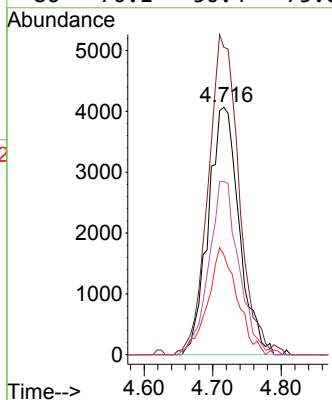
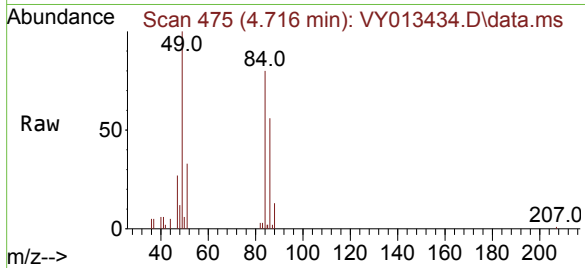




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013434.D
Acq: 25 Apr 2023 07:22

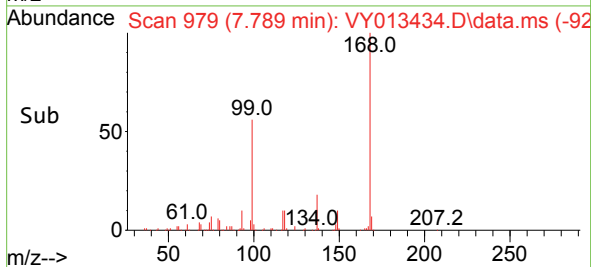
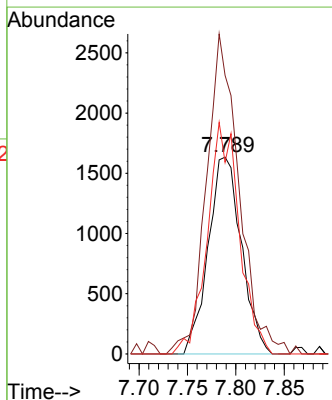
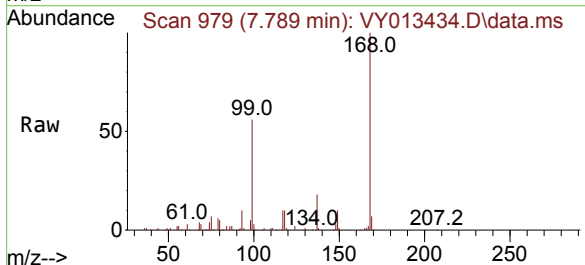
Instrument :
MSVOA_Y
ClientSampleId :
SPC-2WC-23-04-17

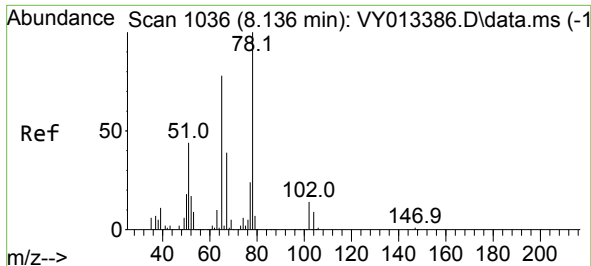
Tgt Ion:	84	Resp:	12745
Ion	Ratio	Lower	Upper
84	100		
49	122.8	88.0	132.0
51	39.0	27.4	41.0
86	70.1	50.4	75.6



#31
Cyclohexane
Concen: 1.196 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY013434.D
Acq: 25 Apr 2023 07:22

Tgt Ion:	56	Resp:	3887
Ion	Ratio	Lower	Upper
56	100		
69	136.7	29.2	43.8#
84	97.4	73.0	109.6





#33

1,2-Dichloroethane-d4

Concen: 63.332 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY013434.D

Acq: 25 Apr 2023 07:22

Instrument :

MSVOA_Y

ClientSampleId :

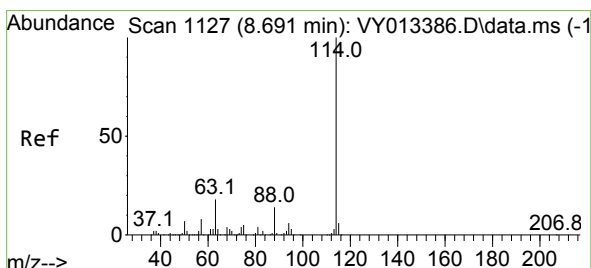
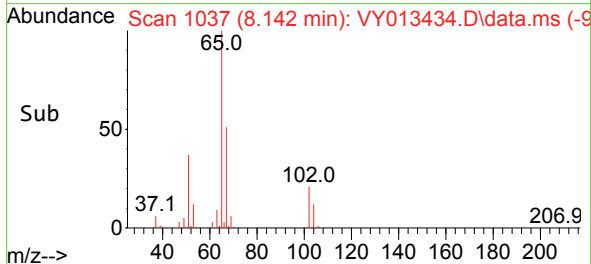
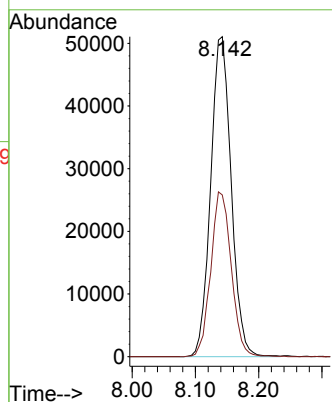
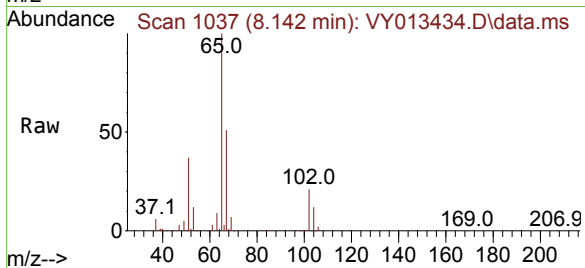
SPC-2WC-23-04-17

Tgt Ion: 65 Resp: 114981

Ion Ratio Lower Upper

65 100

67 51.4 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: VY013434.D

Acq: 25 Apr 2023 07:22

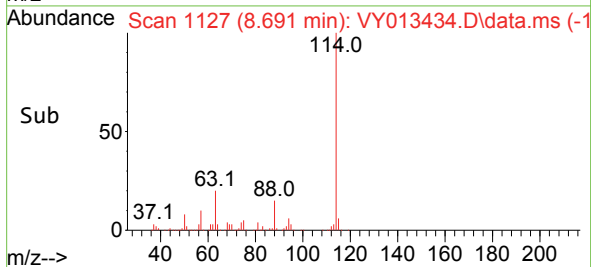
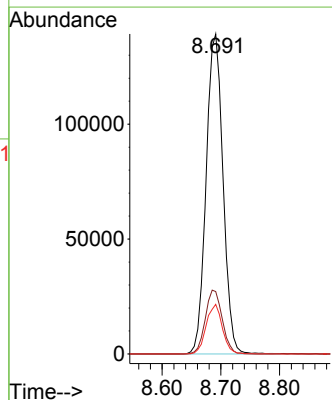
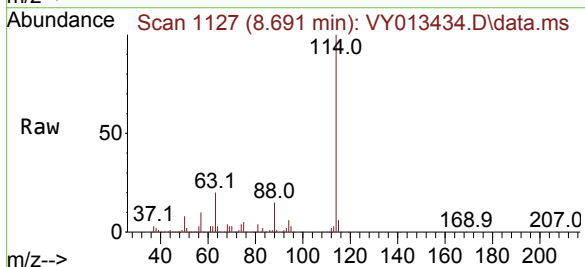
Tgt Ion: 114 Resp: 278083

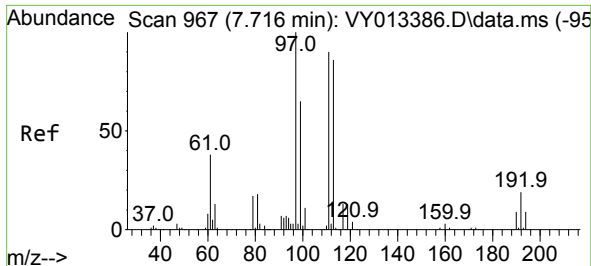
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.6

88 15.5 0.0 28.8

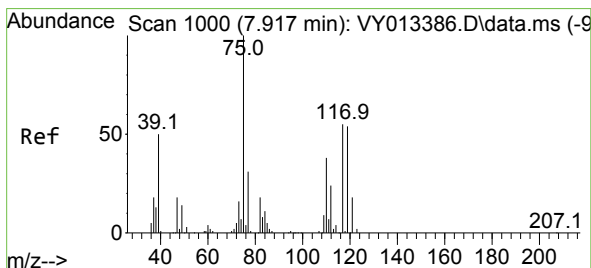
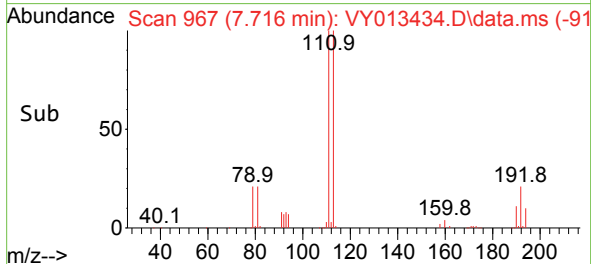
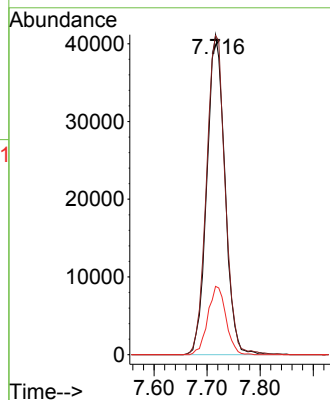
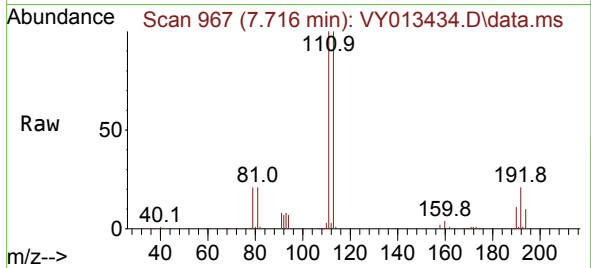




#35
Dibromofluoromethane
Concen: 55.638 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013434.D
Acq: 25 Apr 2023 07:22

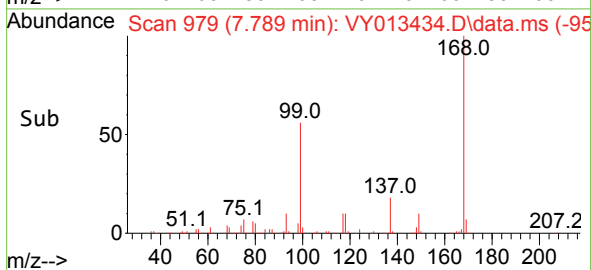
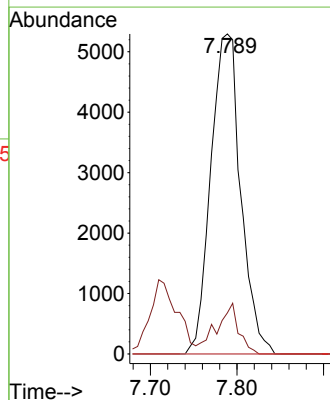
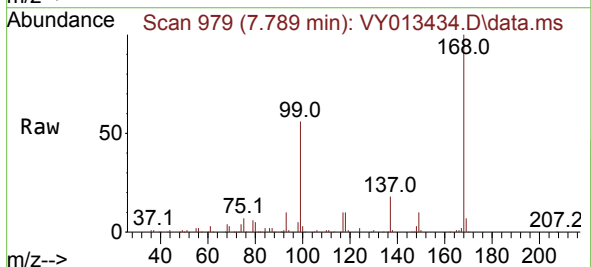
Instrument :
MSVOA_Y
ClientSampleId :
SPC-2WC-23-04-17

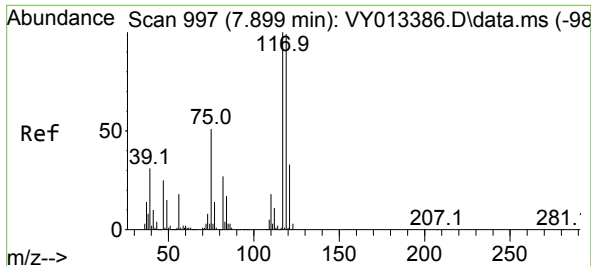
Tgt Ion:113 Resp: 97312
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 21.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.381 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013434.D
Acq: 25 Apr 2023 07:22

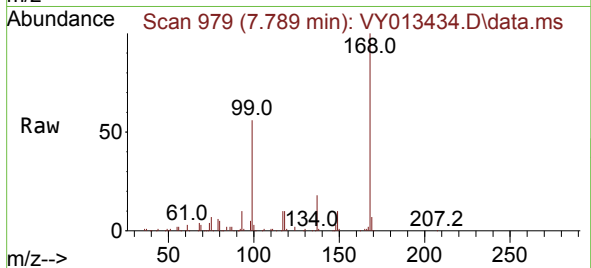
Tgt Ion: 75 Resp: 12716
Ion Ratio Lower Upper
75 100
110 11.8 18.7 56.1#
77 0.0 24.6 37.0#



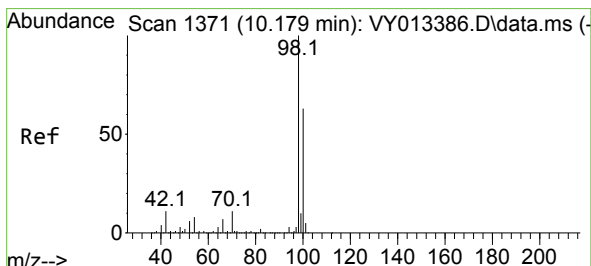
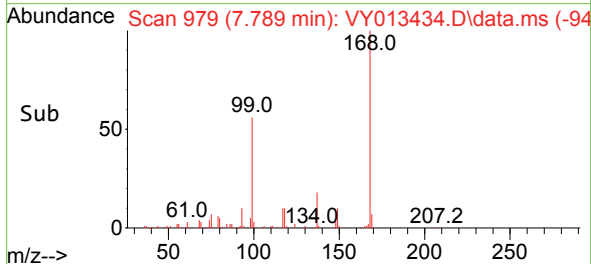
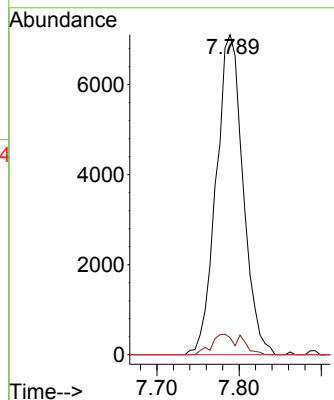


#38
Carbon Tetrachloride
Concen: 5.314 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013434.D
Acq: 25 Apr 2023 07:22

Instrument :
MSVOA_Y
ClientSampleId :
SPC-2WC-23-04-17

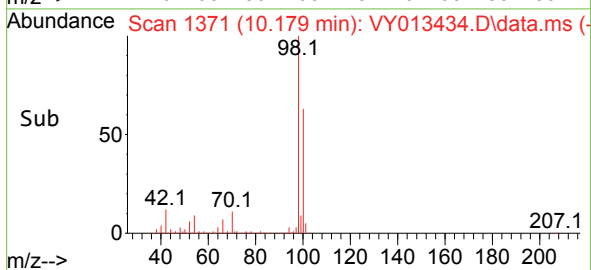
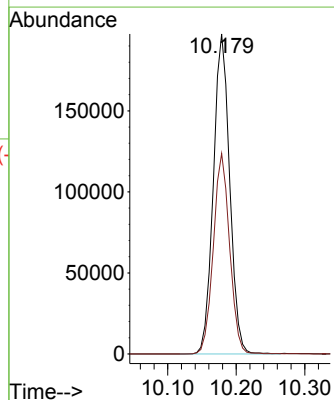
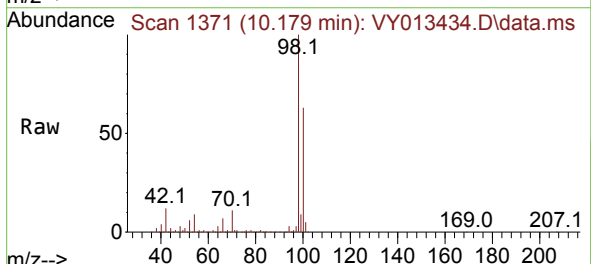


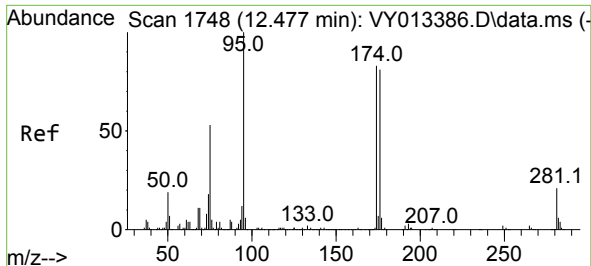
Tgt Ion:117 Resp: 16168
Ion Ratio Lower Upper
117 100
119 5.3 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 52.573 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013434.D
Acq: 25 Apr 2023 07:22

Tgt Ion: 98 Resp: 327107
Ion Ratio Lower Upper
98 100
100 62.3 50.5 75.7

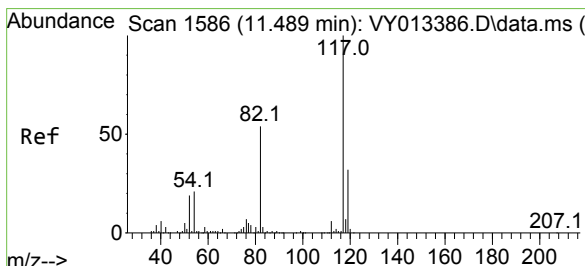
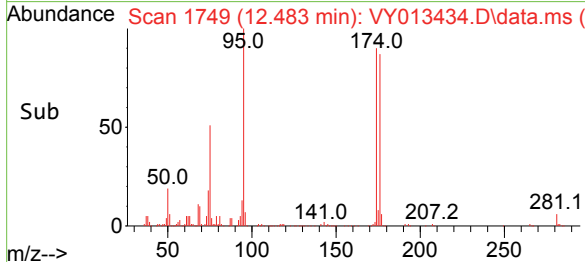
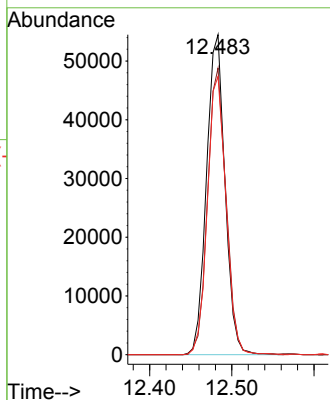
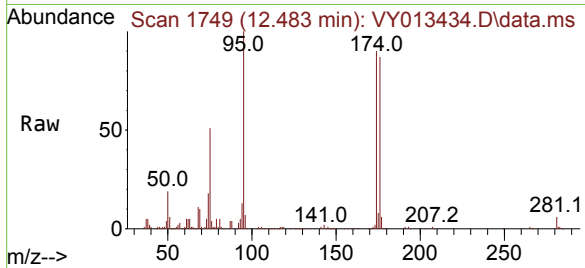




#62
4-Bromofluorobenzene
Concen: 40.617 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013434.D
Acq: 25 Apr 2023 07:22

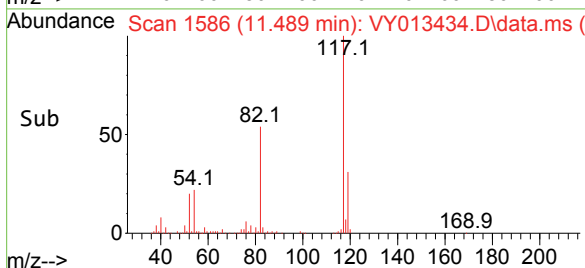
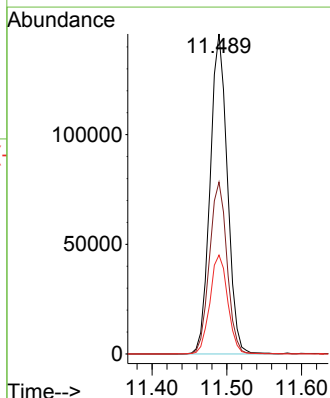
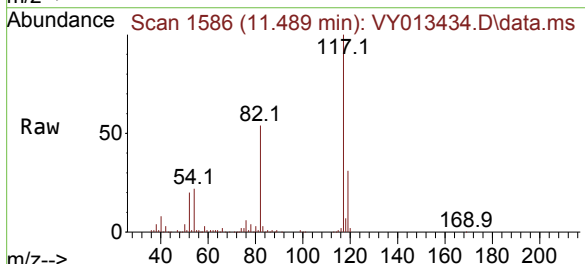
Instrument :
MSVOA_Y
ClientSampleId :
SPC-2WC-23-04-17

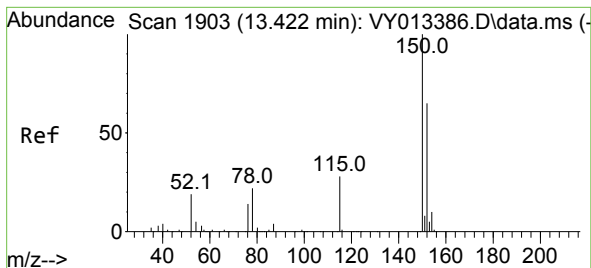
Tgt Ion: 95 Resp: 85198
Ion Ratio Lower Upper
95 100
174 89.2 0.0 182.0
176 87.6 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013434.D
Acq: 25 Apr 2023 07:22

Tgt Ion: 117 Resp: 233951
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.6
119 30.8 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: VY013434.D

Acq: 25 Apr 2023 07:22

Instrument :

MSVOA_Y

ClientSampleId :

SPC-2WC-23-04-17

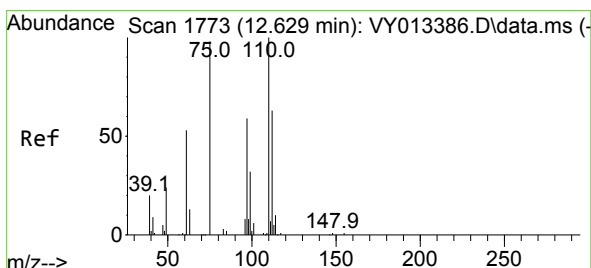
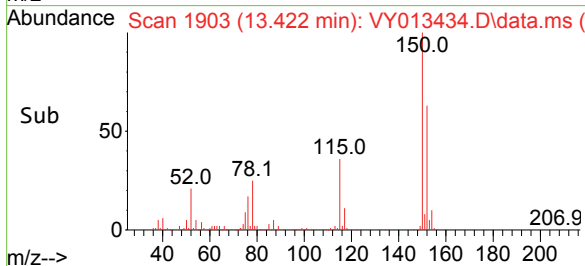
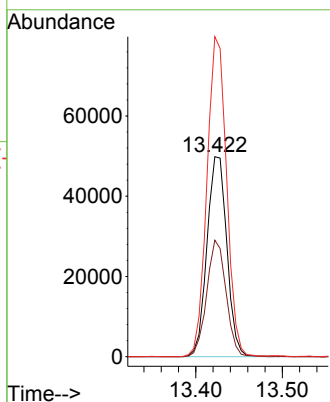
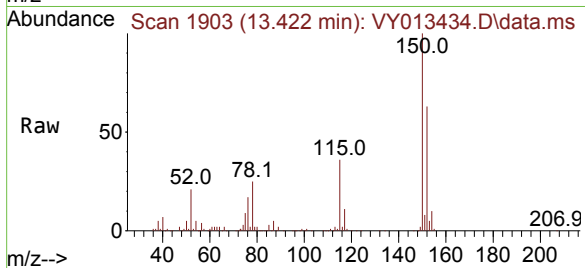
Tgt Ion:152 Resp: 79638

Ion Ratio Lower Upper

152 100

115 56.7 28.1 84.2

150 157.8 0.0 352.0



#76

1,2,3-Trichloropropane

Concen: 41.788 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY013434.D

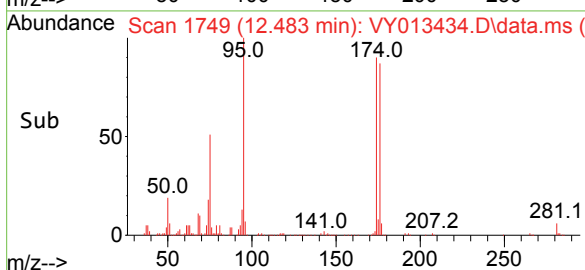
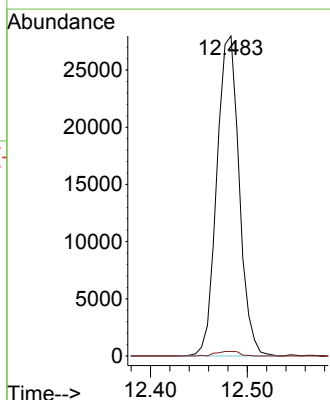
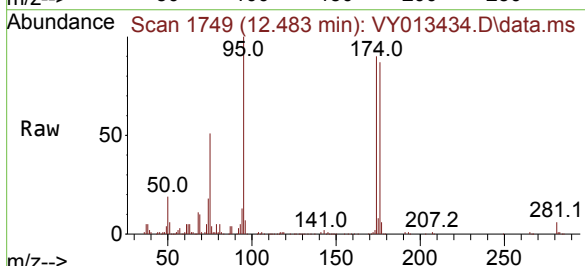
Acq: 25 Apr 2023 07:22

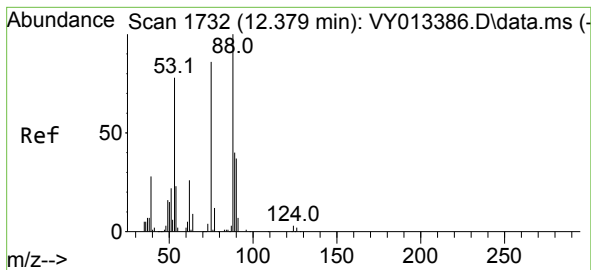
Tgt Ion: 75 Resp: 44881

Ion Ratio Lower Upper

75 100

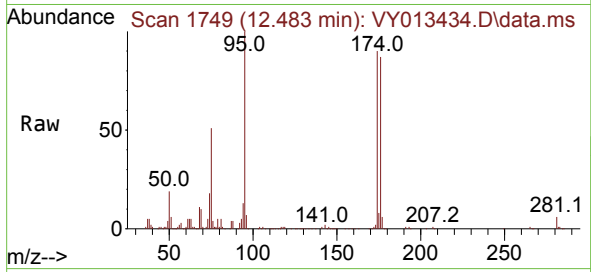
77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.480 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY013434.D
Acq: 25 Apr 2023 07:22

Instrument :
MSVOA_Y
ClientSampleId :
SPC-2WC-23-04-17



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.3	73.2	109.8#
89	0.2	38.0	57.0#

