

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012807.D
 Acq On : 03 Mar 2023 19:28
 Operator : KP/MD
 Sample : 01749-13
 Misc : 7.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-15

Quant Time: Mar 04 01:27:27 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)

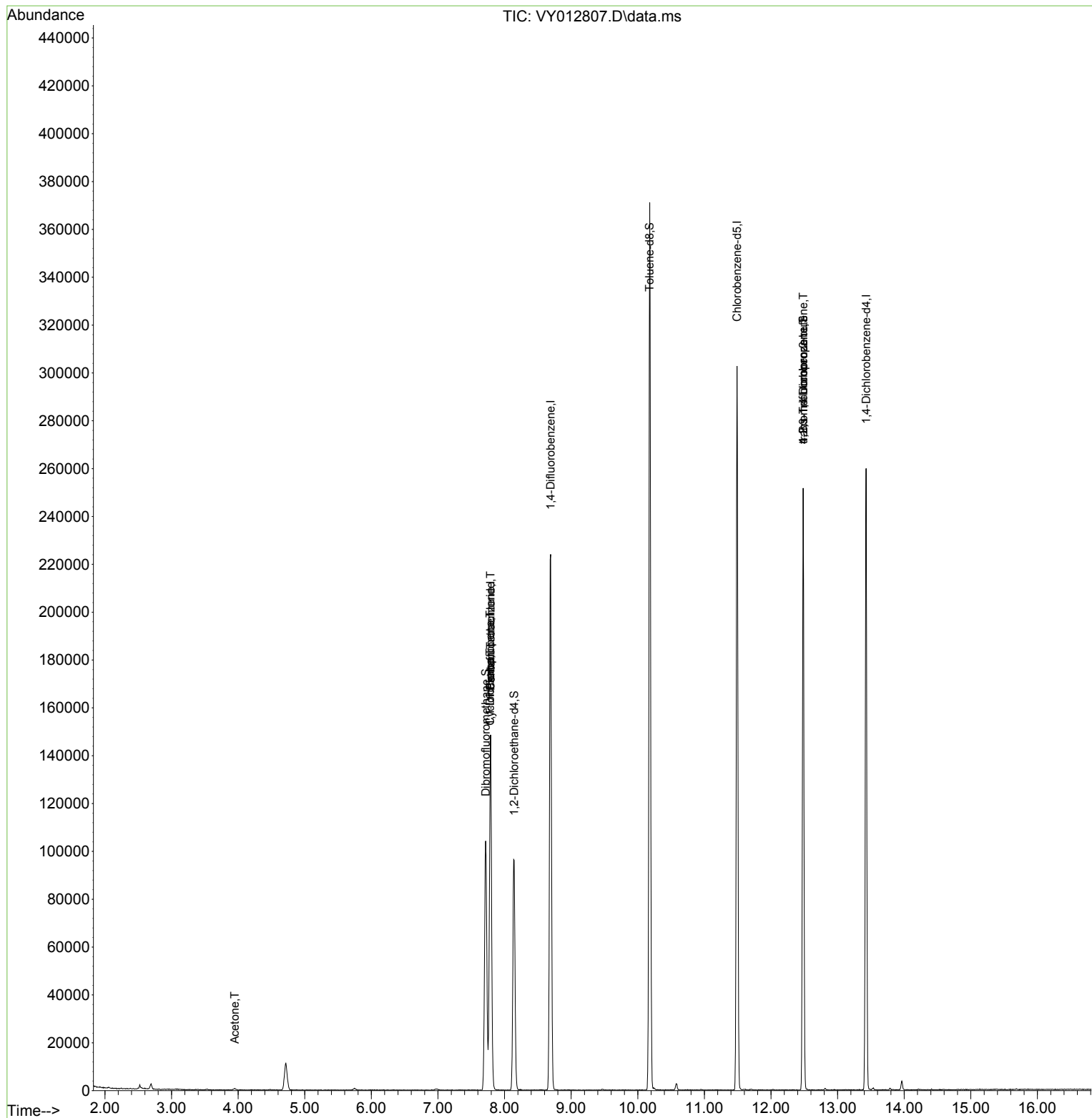
Internal Standards						
1) Pentafluorobenzene	7.789	168	115216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	190507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	158491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	75223	65.757	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.520%	
35) Dibromofluoromethane	7.716	113	72858	63.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 126.740%	
50) Toluene-d8	10.179	98	237512	56.509	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.020%	
62) 4-Bromofluorobenzene	12.483	95	69292	48.844	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	42	Below Cal	#	74
16) Acetone	3.948	43	971	2.163	ug/l	94
31) Cyclohexane	7.783	56	2438	1.113	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	8395	4.357	ug/l #	48
38) Carbon Tetrachloride	7.789	117	11072	5.565	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	37211	47.402	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37211	98.217	ug/l #	13

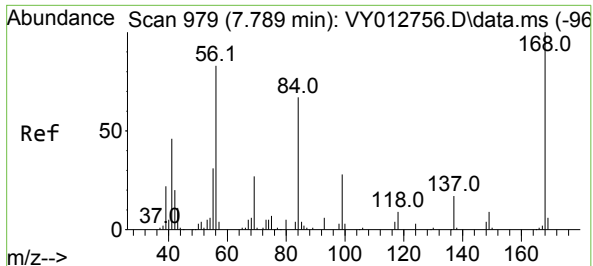
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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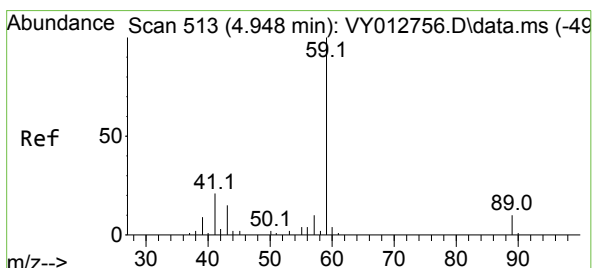
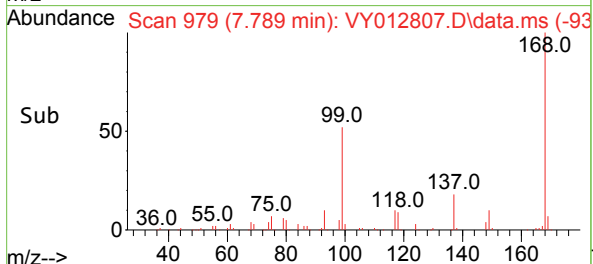
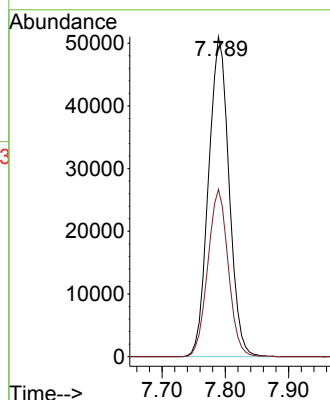
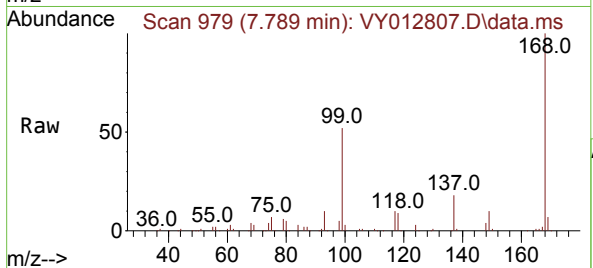




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012807.D
Acq: 03 Mar 2023 19:28

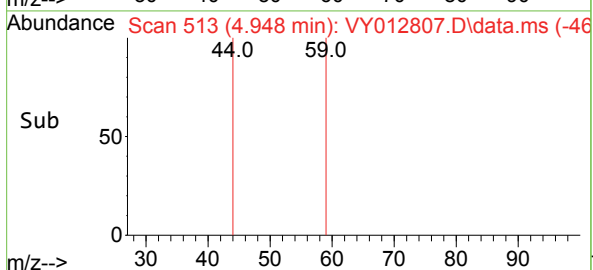
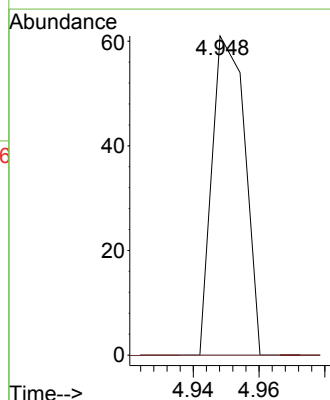
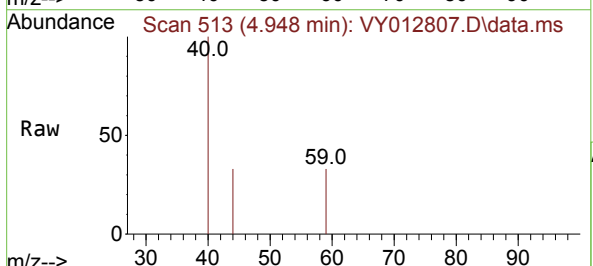
Instrument :
MSVOA_Y
ClientSampleId :
CF-15

Tgt Ion:168 Resp: 115216
Ion Ratio Lower Upper
168 100
99 52.3 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY012807.D
Acq: 03 Mar 2023 19:28

Tgt Ion: 59 Resp: 42
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

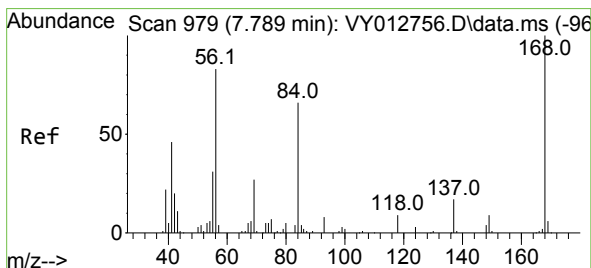
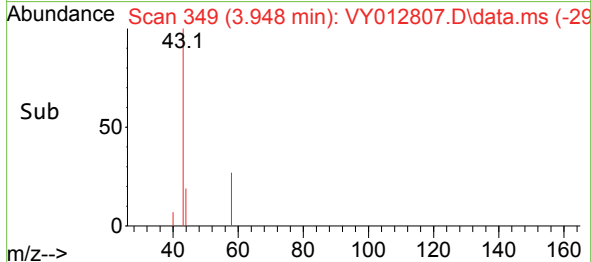
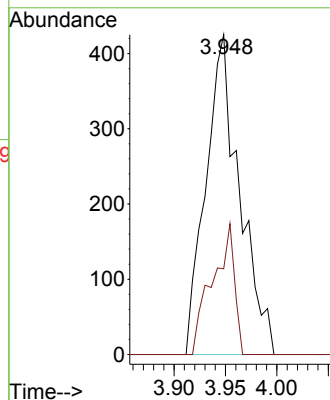
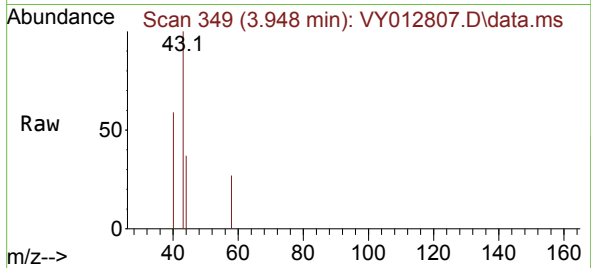




#16
Acetone
Concen: 2.163 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY012807.D
Acq: 03 Mar 2023 19:28

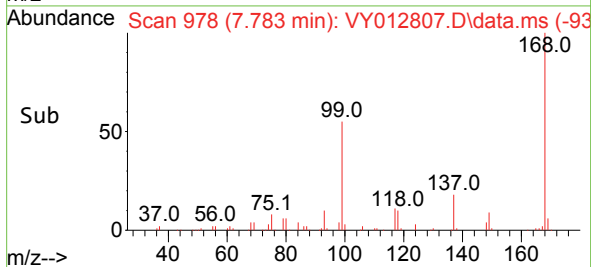
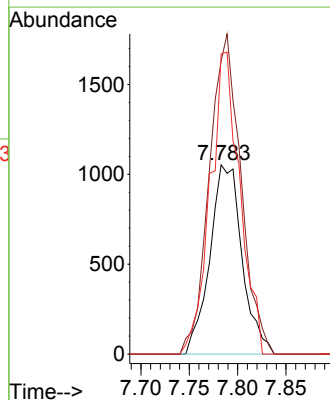
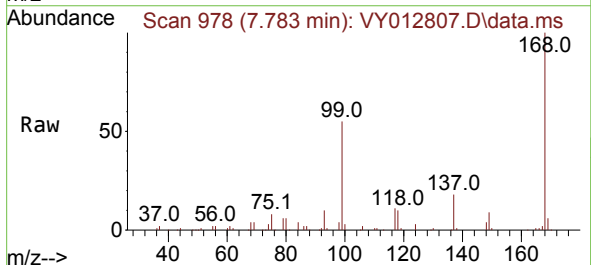
Instrument :
MSVOA_Y
ClientSampleId :
CF-15

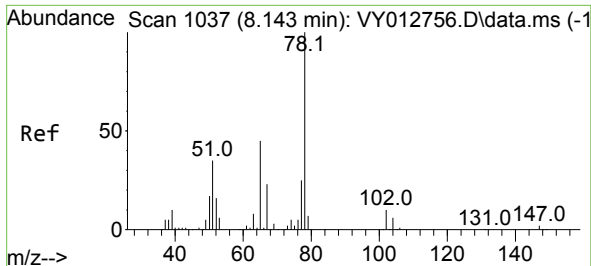
Tgt Ion: 43 Resp: 971
Ion Ratio Lower Upper
43 100
58 26.8 24.2 36.2



#31
Cyclohexane
Concen: 1.113 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY012807.D
Acq: 03 Mar 2023 19:28

Tgt Ion: 56 Resp: 2438
Ion Ratio Lower Upper
56 100
69 154.9 25.7 38.5#
84 158.6 64.3 96.5#

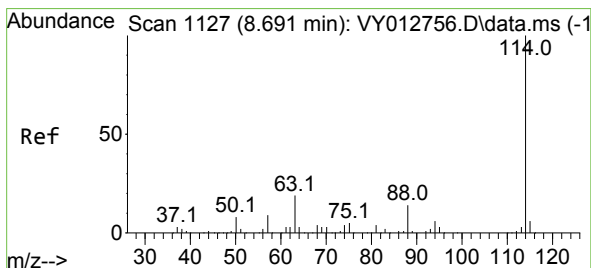
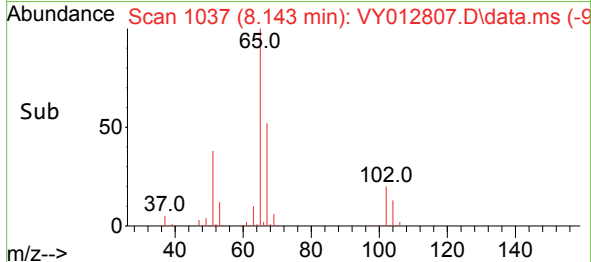
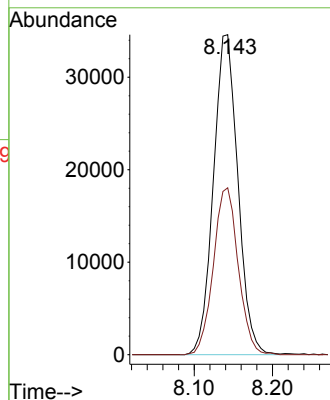
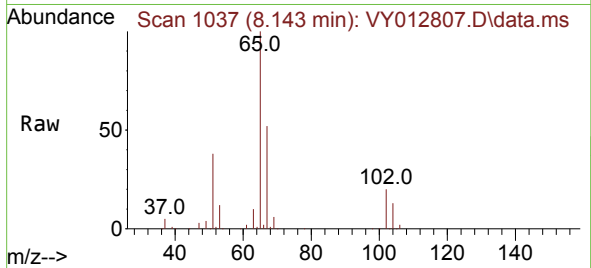




#33
 1,2-Dichloroethane-d4
 Concen: 65.757 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012807.D
 Acq: 03 Mar 2023 19:28

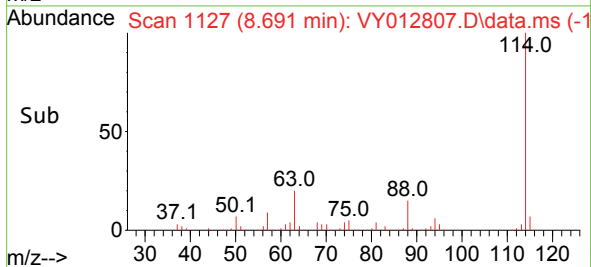
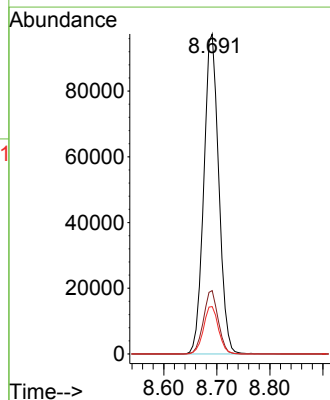
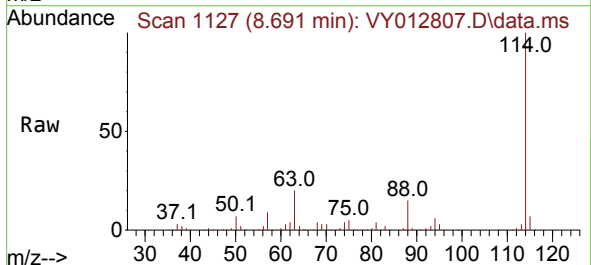
Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-15

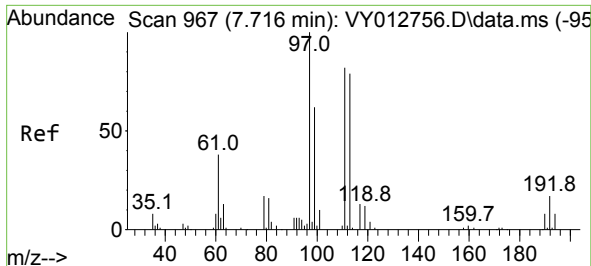
Tgt Ion: 65 Resp: 75223
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012807.D
 Acq: 03 Mar 2023 19:28

Tgt Ion:114 Resp: 190507
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 37.4
 88 14.8 0.0 28.6

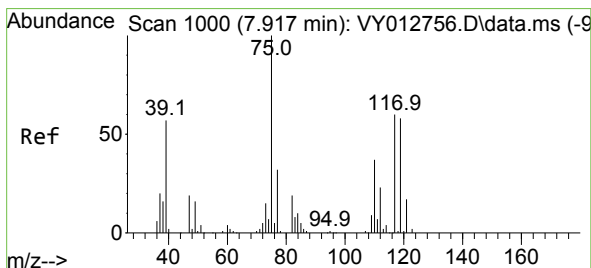
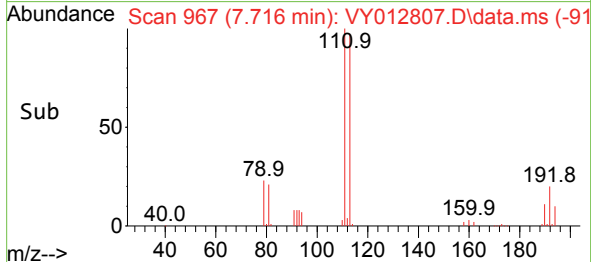
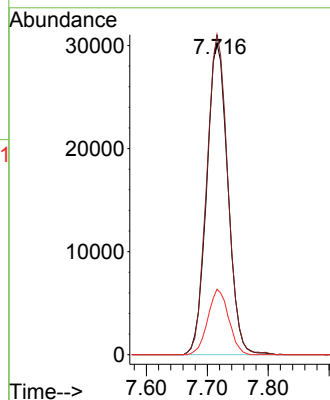
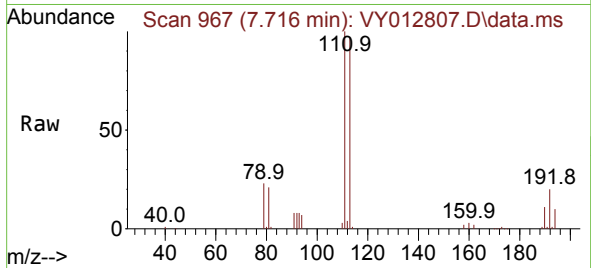




#35
Dibromofluoromethane
Concen: 63.371 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012807.D
Acq: 03 Mar 2023 19:28

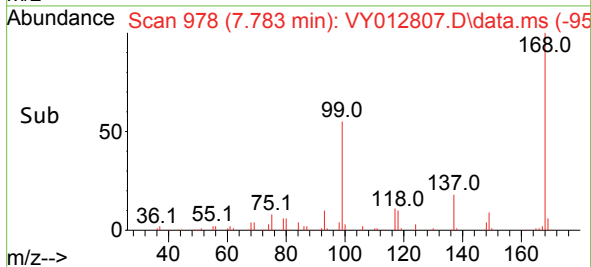
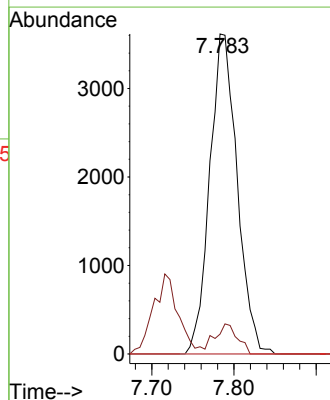
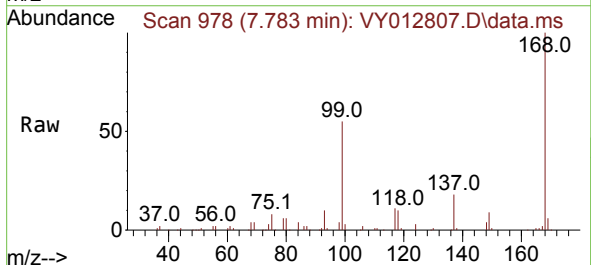
Instrument :
MSVOA_Y
ClientSampleId :
CF-15

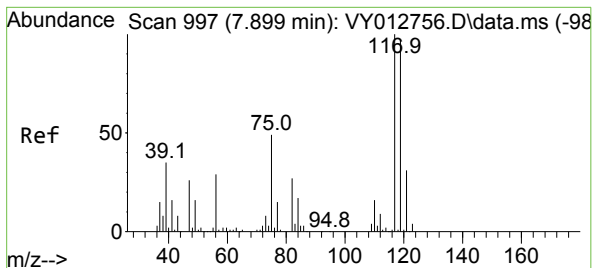
Tgt Ion:113 Resp: 72858
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 20.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.357 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012807.D
Acq: 03 Mar 2023 19:28

Tgt Ion: 75 Resp: 8395
Ion Ratio Lower Upper
75 100
110 7.6 17.8 53.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.565 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.110 min

Lab File: VY012807.D

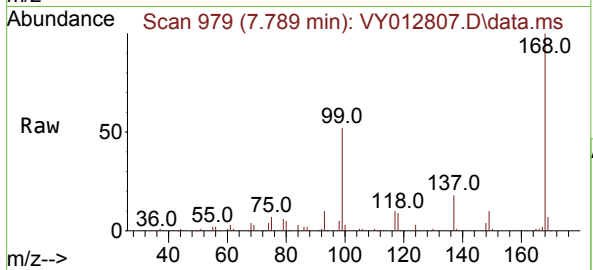
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Instrument :

MSVOA_Y

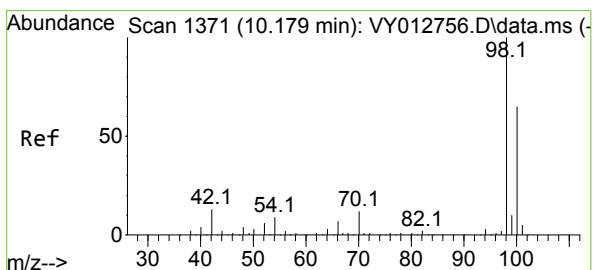
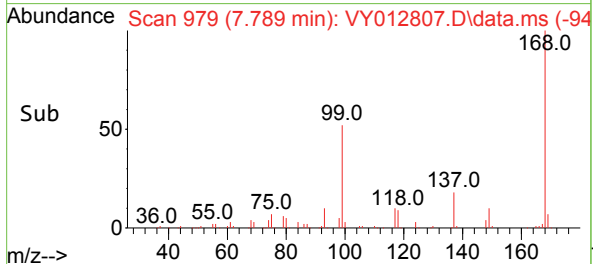
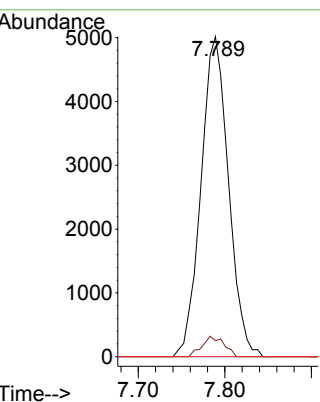
ClientSampleId :

CF-15



Tgt Ion:117 Resp: 11072

Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.2	115.8#
121	0.0	24.7	37.1#



#50

Toluene-d8

Concen: 56.509 ug/l

RT: 10.179 min Scan# 1371

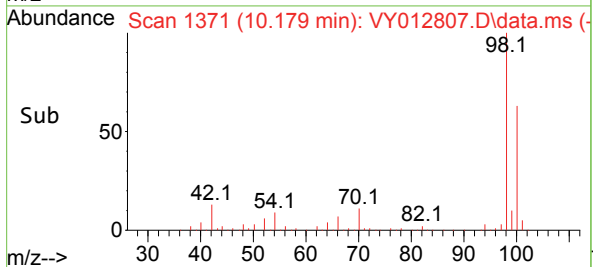
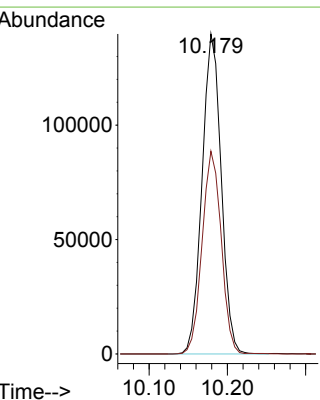
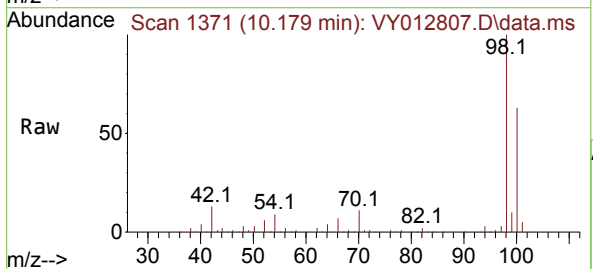
Delta R.T. 0.000 min

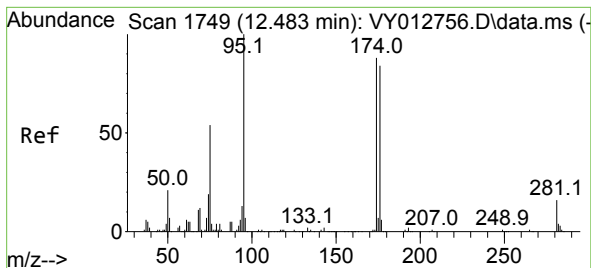
Lab File: VY012807.D

Acq: 03 Mar 2023 19:28

Tgt Ion: 98 Resp: 237512

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.9	76.3

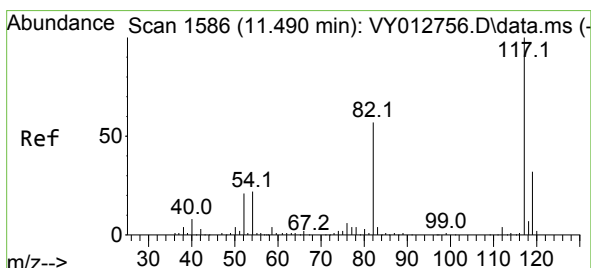
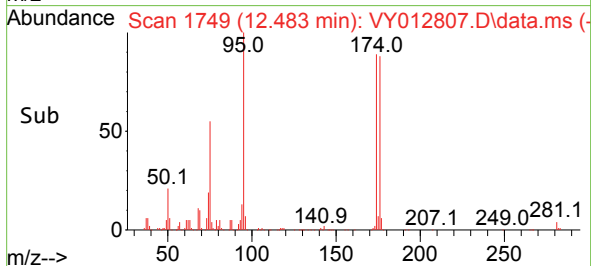
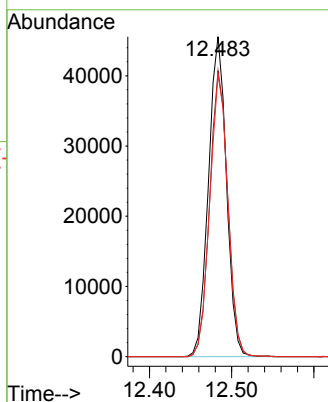
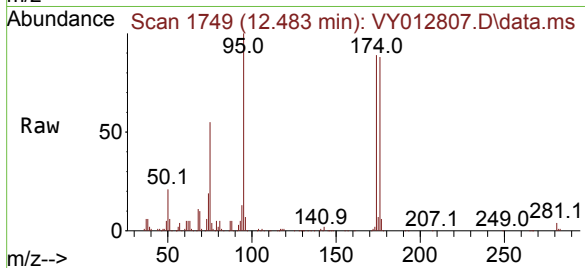




#62
4-Bromofluorobenzene
Concen: 48.844 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012807.D
Acq: 03 Mar 2023 19:28

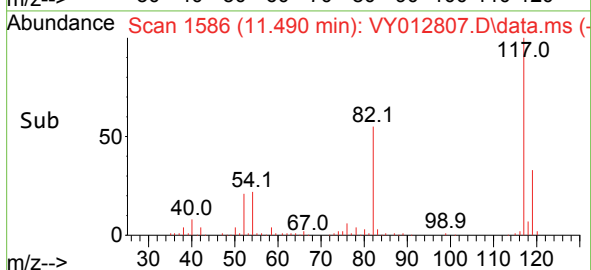
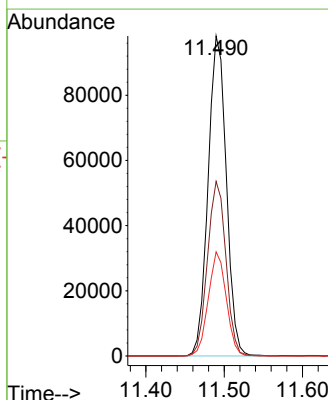
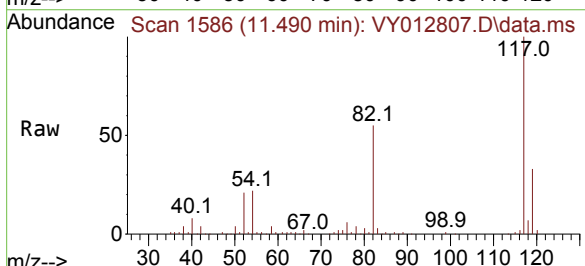
Instrument :
MSVOA_Y
ClientSampleId :
CF-15

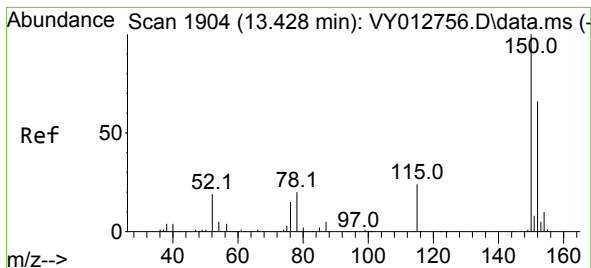
Tgt Ion: 95 Resp: 69292
Ion Ratio Lower Upper
95 100
174 90.1 0.0 176.6
176 88.3 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012807.D
Acq: 03 Mar 2023 19:28

Tgt Ion: 117 Resp: 158491
Ion Ratio Lower Upper
117 100
82 54.5 45.4 68.0
119 32.5 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: VY012807.D

Acq: 03 Mar 2023 19:28

Instrument :

MSVOA_Y

ClientSampleId :

CF-15

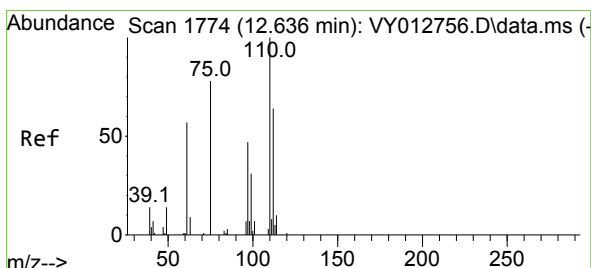
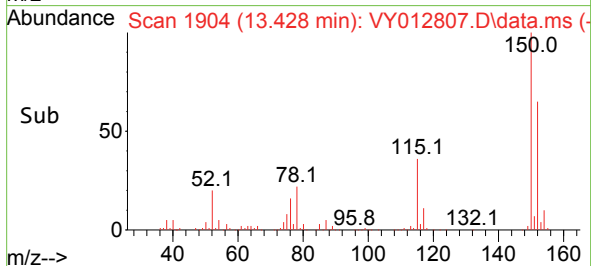
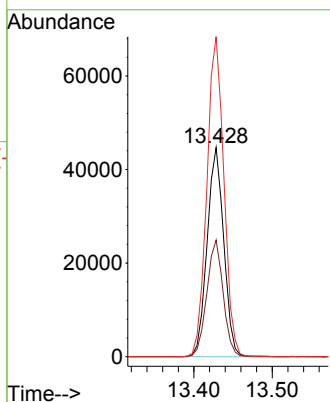
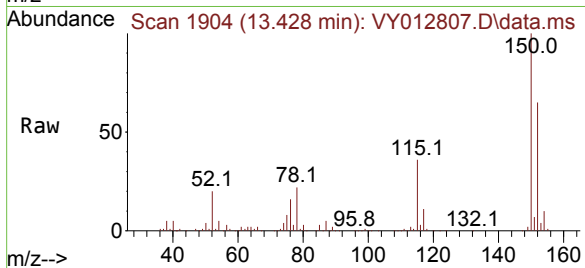
Tgt Ion:152 Resp: 65738

Ion Ratio Lower Upper

152 100

115 54.8 27.1 81.3

150 156.8 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 47.402 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY012807.D

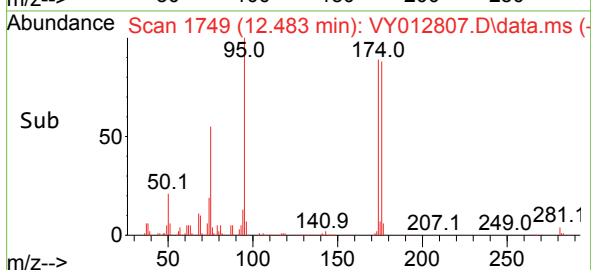
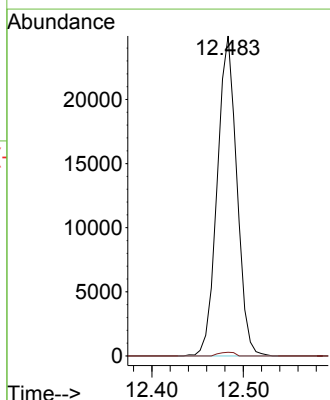
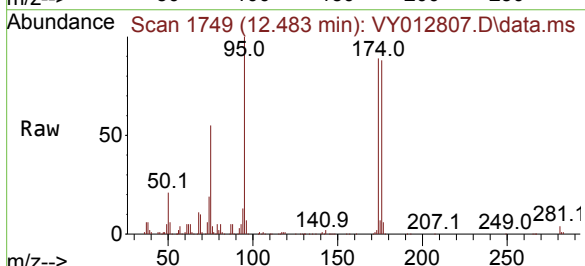
Acq: 03 Mar 2023 19:28

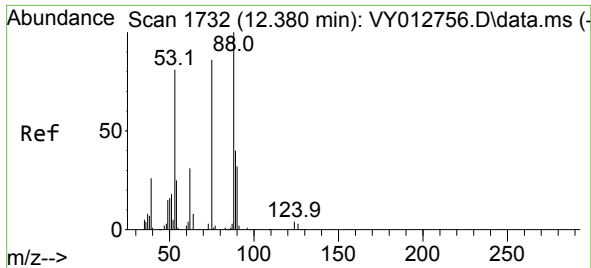
Tgt Ion: 75 Resp: 37211

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.217 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012807.D
 Acq: 03 Mar 2023 19:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-15

Tgt Ion: 75 Resp: 37211
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.1 36.6 55.0#

