

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012805.D
 Acq On : 03 Mar 2023 18:42
 Operator : KP/MD
 Sample : 01749-11
 Misc : 6.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-13

Quant Time: Mar 04 01:26:52 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)

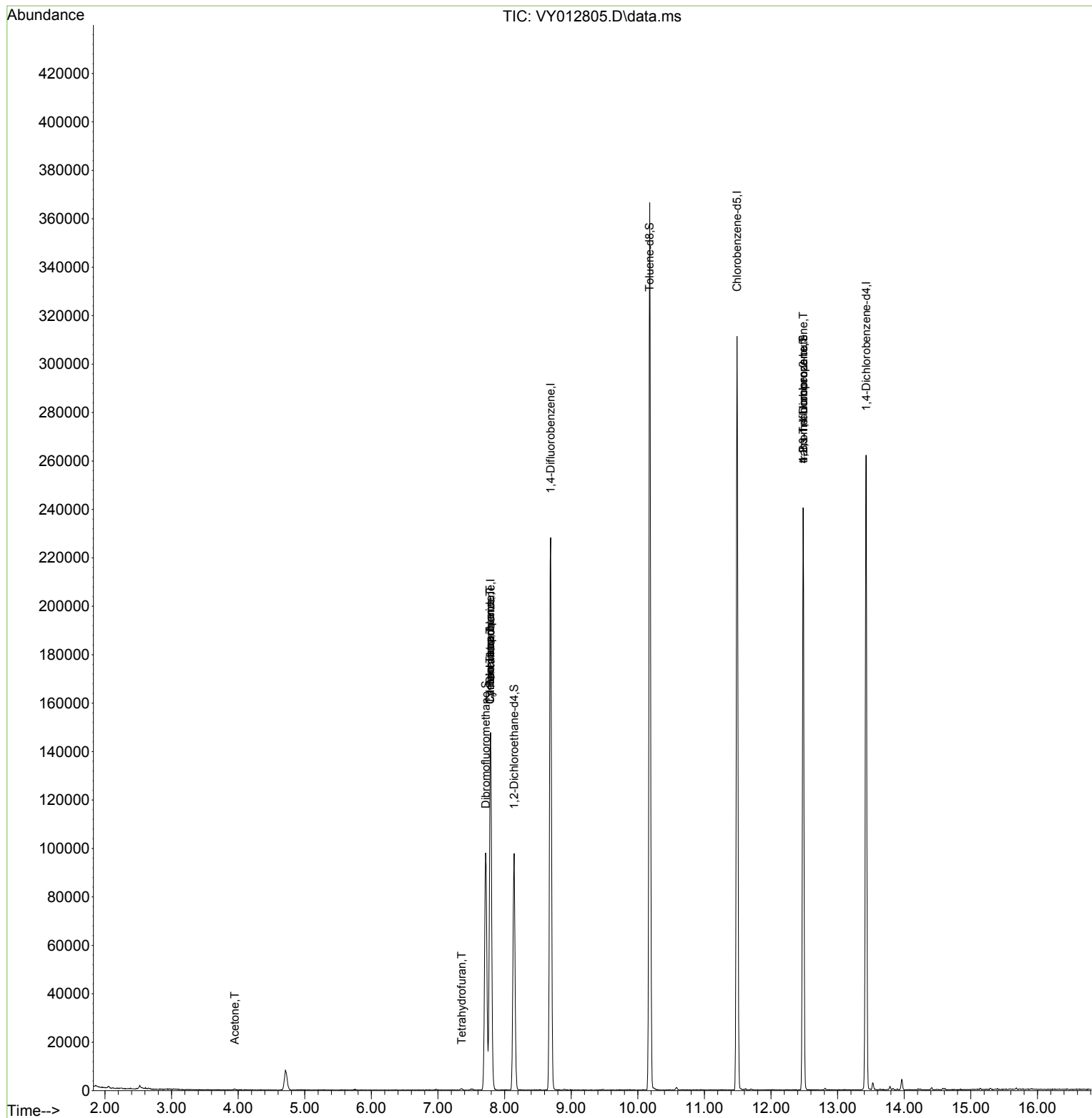
Internal Standards						
1) Pentafluorobenzene	7.789	168	117661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	194916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	165185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	72781	62.301	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.600%			
35) Dibromofluoromethane	7.716	113	69751	59.296	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.600%			
50) Toluene-d8	10.179	98	232818	54.139	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.280%			
62) 4-Bromofluorobenzene	12.483	95	67098	46.227	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.460%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	93	Below Cal	#	74
16) Acetone	3.948	43	582	1.269	ug/l #	44
20) Methylene Chloride	4.710	84	5920	Below Cal		94
29) Tetrahydrofuran	7.356	42	562	1.641	ug/l #	59
31) Cyclohexane	7.783	56	2602	1.163	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	8708	4.418	ug/l #	48
38) Carbon Tetrachloride	7.783	117	11196	5.500	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	35416	44.008	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35416	91.187	ug/l #	13

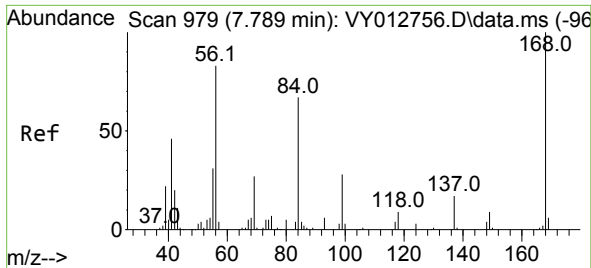
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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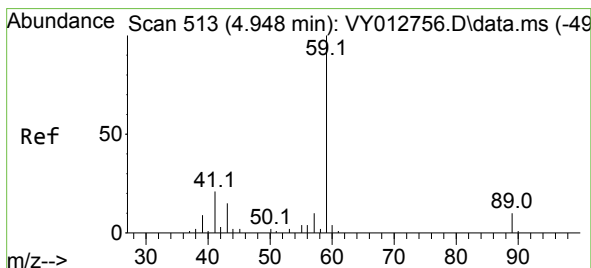
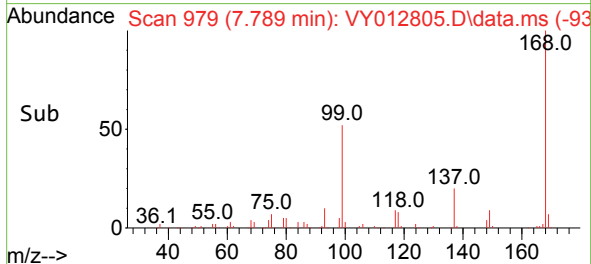
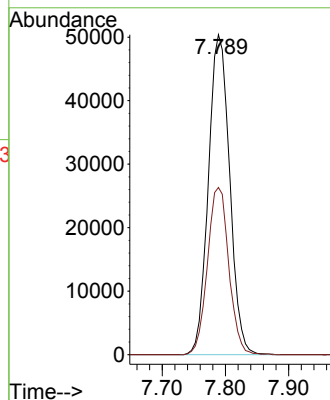
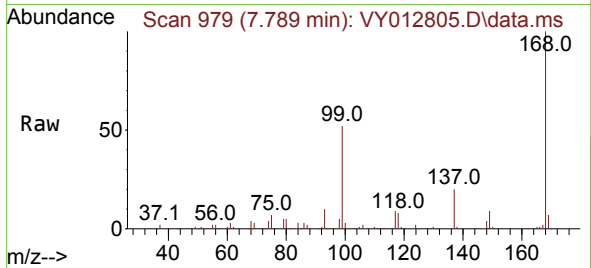




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012805.D
Acq: 03 Mar 2023 18:42

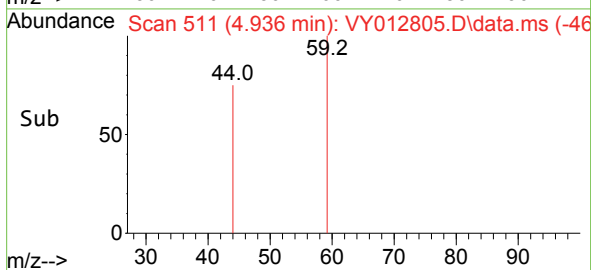
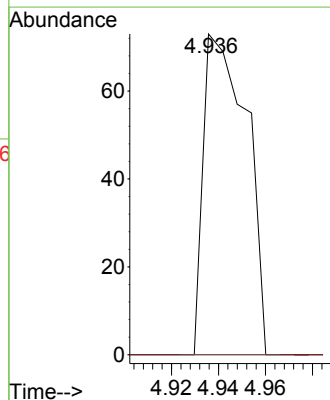
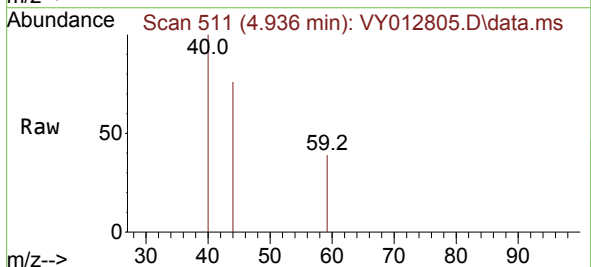
Instrument :
MSVOA_Y
ClientSampleId :
CF-13

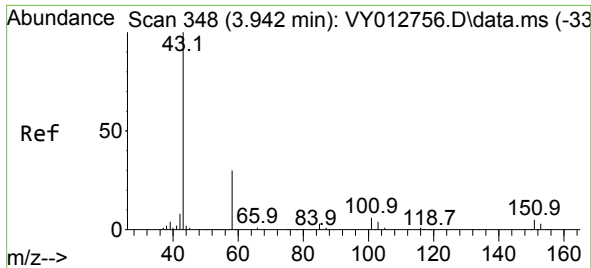
Tgt Ion:168 Resp: 117661
Ion Ratio Lower Upper
168 100
99 52.2 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012805.D
Acq: 03 Mar 2023 18:42

Tgt Ion: 59 Resp: 93
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 1.269 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY012805.D

Acq: 03 Mar 2023 18:42

Instrument :

MSVOA_Y

ClientSampleId :

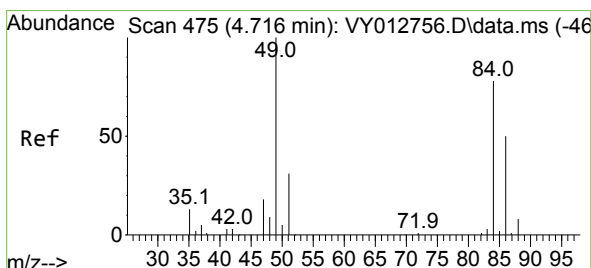
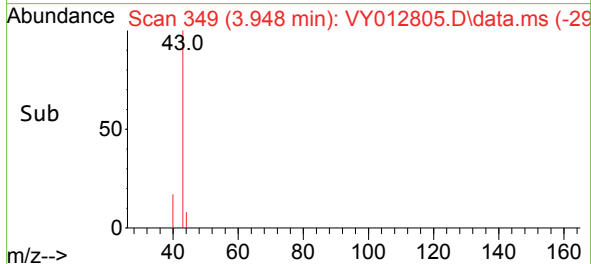
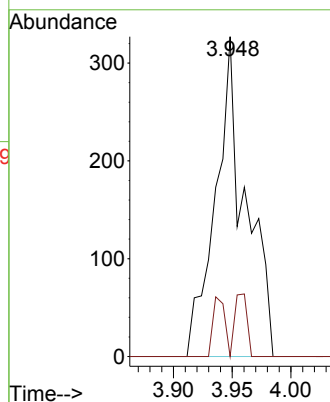
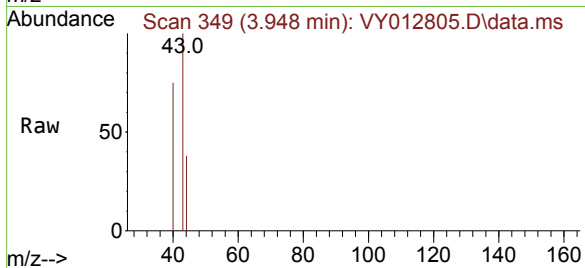
CF-13

Tgt Ion: 43 Resp: 582

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY012805.D

Acq: 03 Mar 2023 18:42

Tgt Ion: 84 Resp: 5920

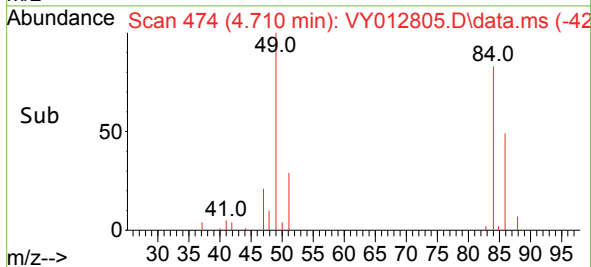
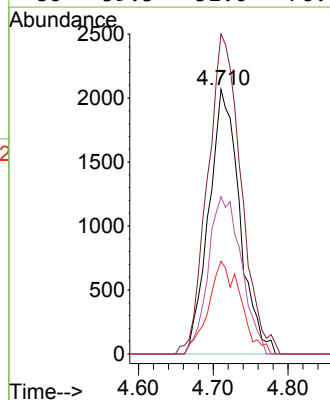
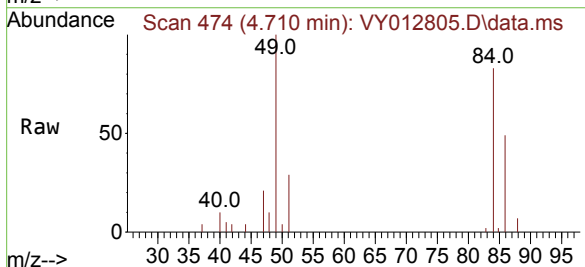
Ion Ratio Lower Upper

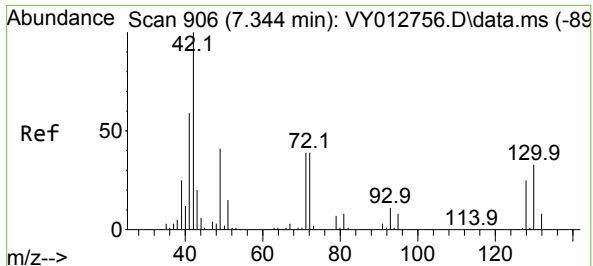
84 100

49 121.0 102.6 154.0

51 35.0 31.9 47.9

86 59.5 51.0 76.6





#29

Tetrahydrofuran

Concen: 1.641 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY012805.D

Acq: 03 Mar 2023 18:42

Instrument :

MSVOA_Y

ClientSampleId :

CF-13

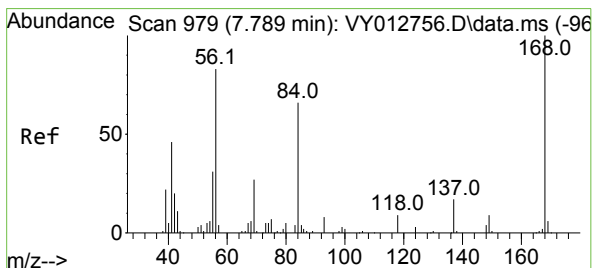
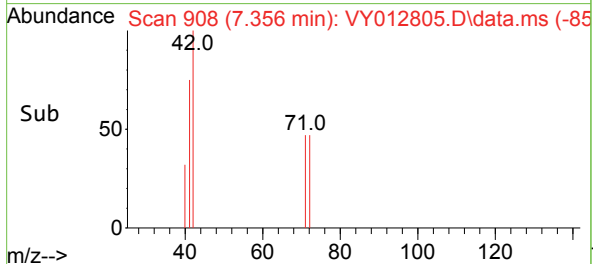
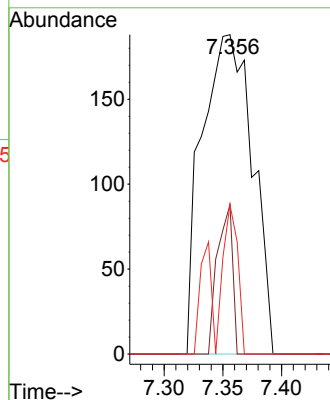
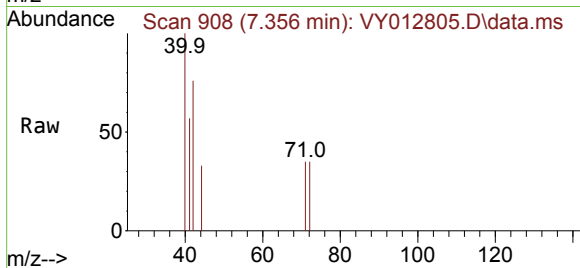
Tgt Ion: 42 Resp: 562

Ion Ratio Lower Upper

42 100

72 14.1 32.3 48.5#

71 13.7 30.3 45.5#



#31

Cyclohexane

Concen: 1.163 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY012805.D

Acq: 03 Mar 2023 18:42

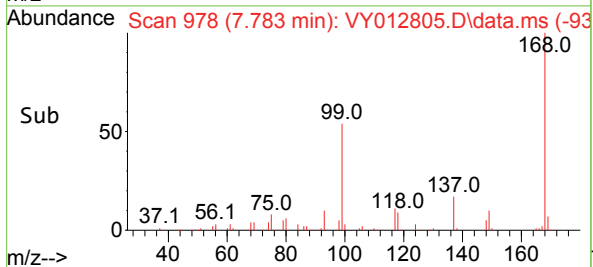
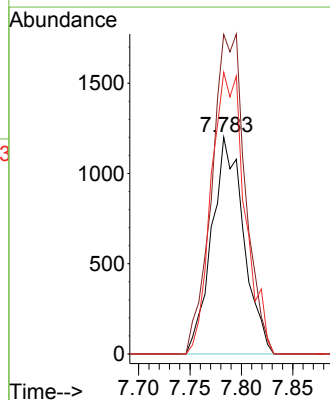
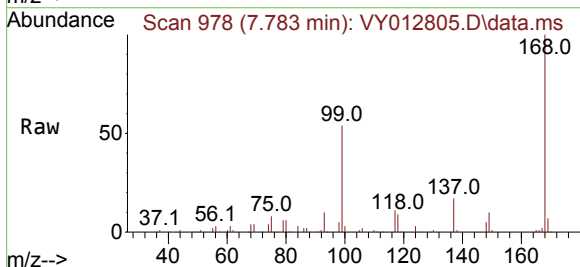
Tgt Ion: 56 Resp: 2602

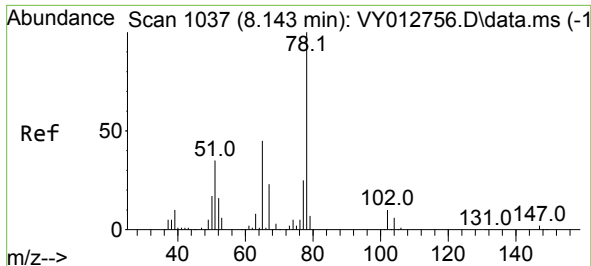
Ion Ratio Lower Upper

56 100

69 147.4 25.7 38.5#

84 129.9 64.3 96.5#

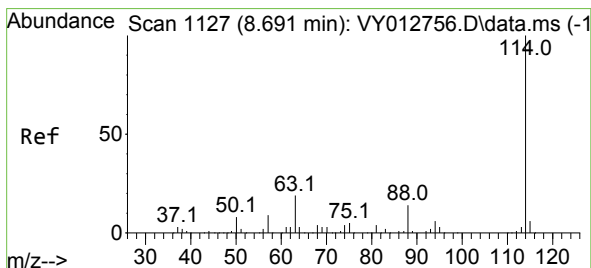
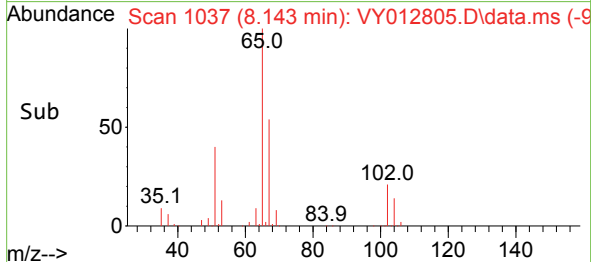
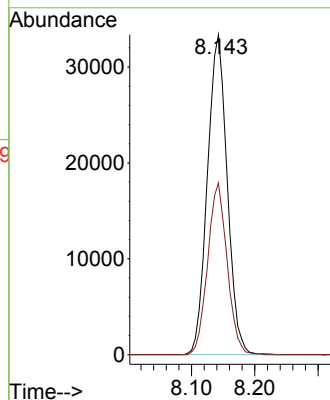
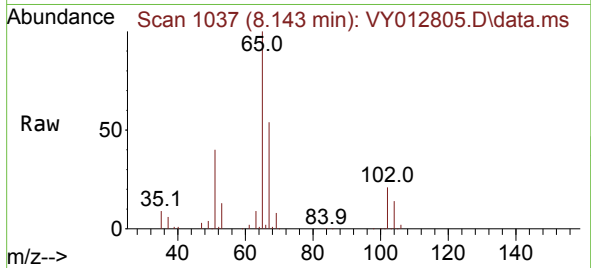




#33
 1,2-Dichloroethane-d4
 Concen: 62.301 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY012805.D
 Acq: 03 Mar 2023 18:42

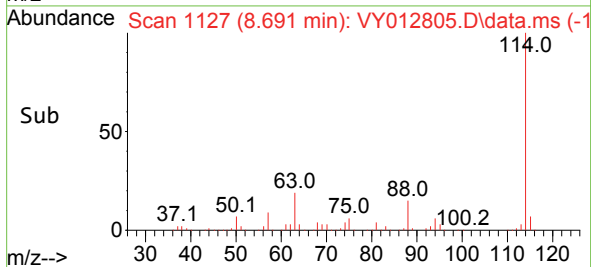
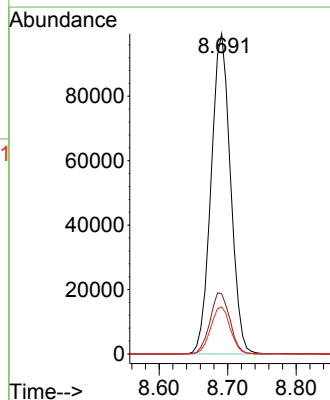
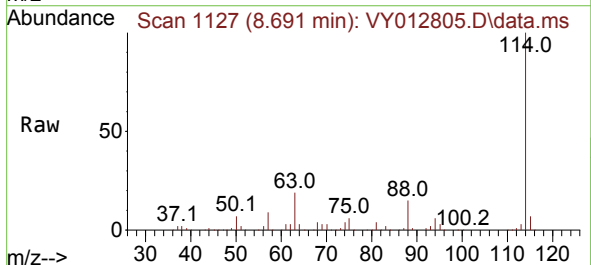
Instrument :
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 ClientSampleId :
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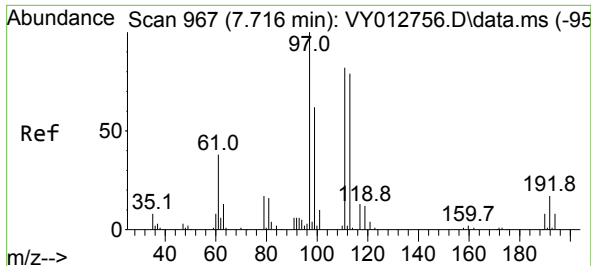
Tgt Ion: 65 Resp: 72781
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY012805.D
 Acq: 03 Mar 2023 18:42

Tgt Ion: 114 Resp: 194916
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.4
 88 14.7 0.0 28.6

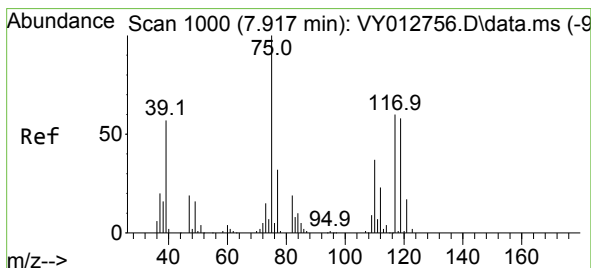
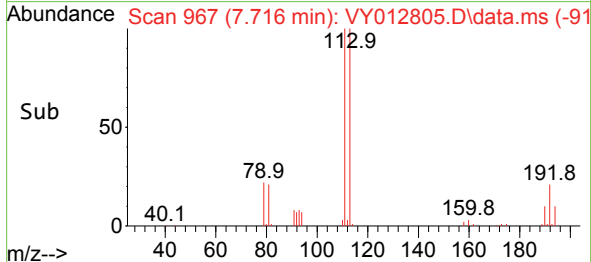
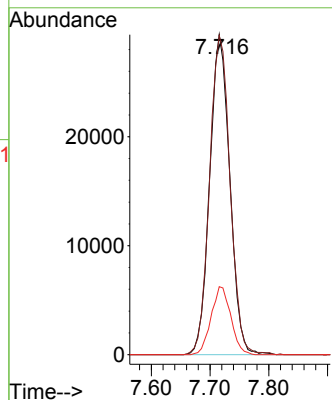
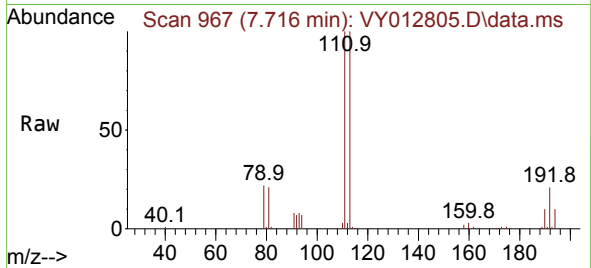




#35
Dibromofluoromethane
Concen: 59.296 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012805.D
Acq: 03 Mar 2023 18:42

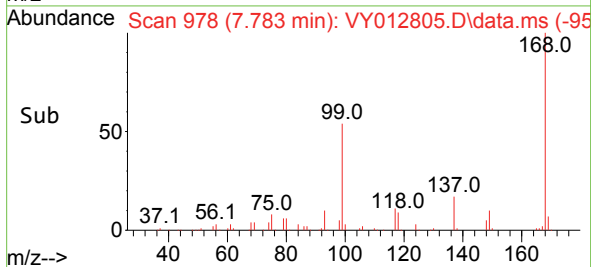
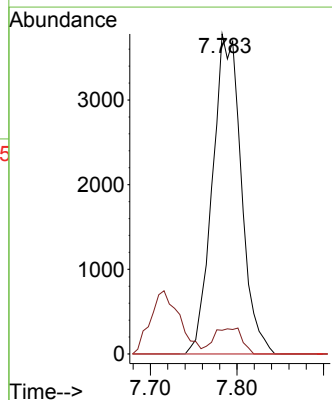
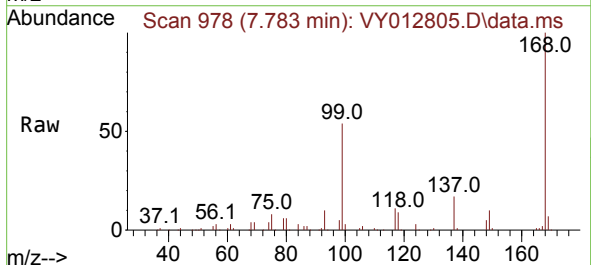
Instrument :
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ClientSampleId :
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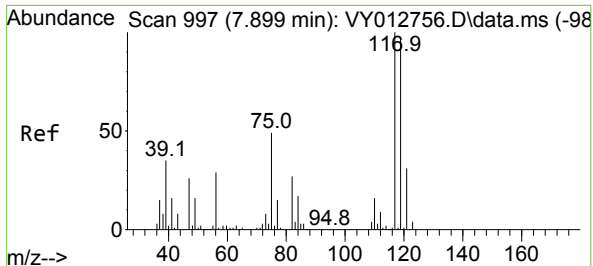
Tgt Ion:113 Resp: 69751
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 20.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.418 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012805.D
Acq: 03 Mar 2023 18:42

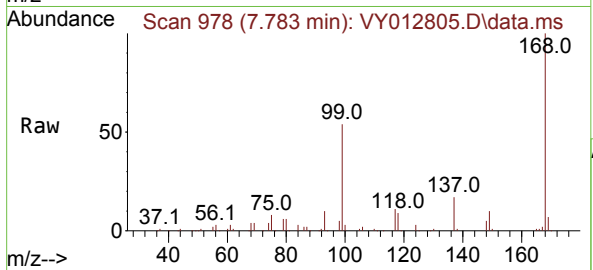
Tgt Ion: 75 Resp: 8708
Ion Ratio Lower Upper
75 100
110 8.0 17.8 53.3#
77 0.0 25.0 37.4#



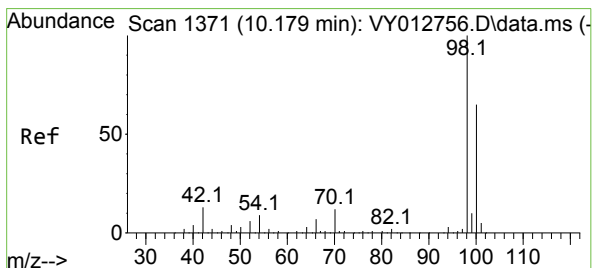
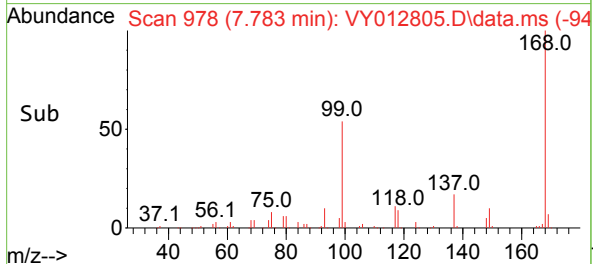
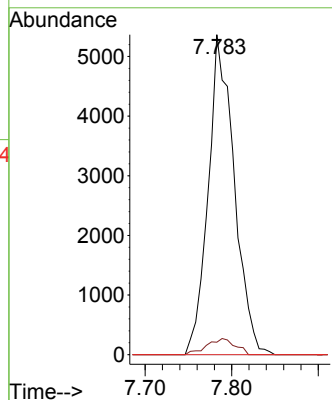


#38
Carbon Tetrachloride
Concen: 5.500 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY012805.D
Acq: 03 Mar 2023 18:42

Instrument :
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ClientSampleId :
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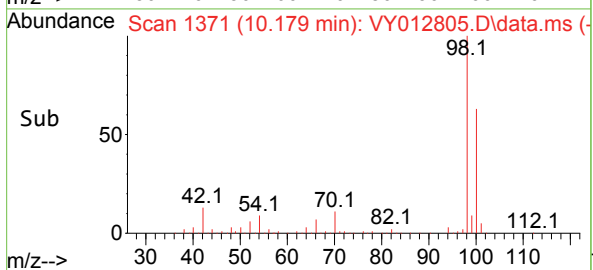
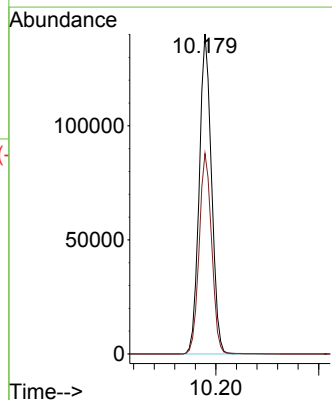
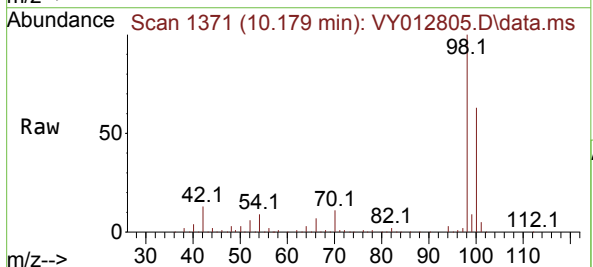


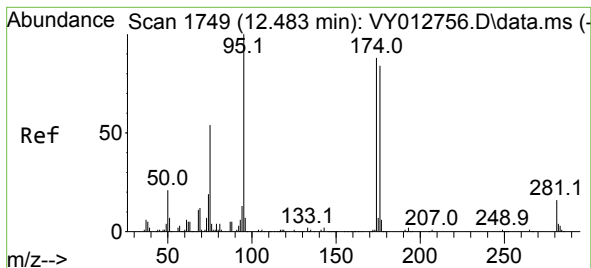
Tgt Ion:117 Resp: 11196
Ion Ratio Lower Upper
117 100
119 3.9 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.139 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012805.D
Acq: 03 Mar 2023 18:42

Tgt Ion: 98 Resp: 232818
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

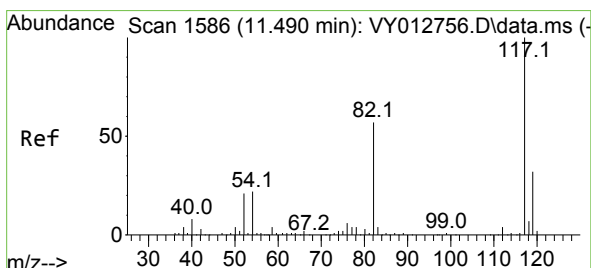
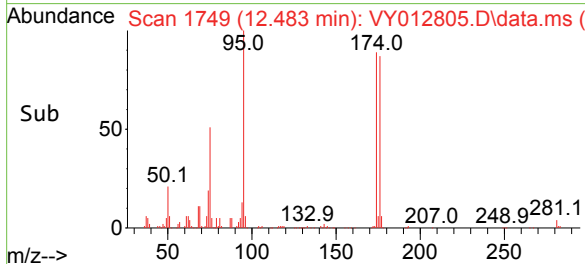
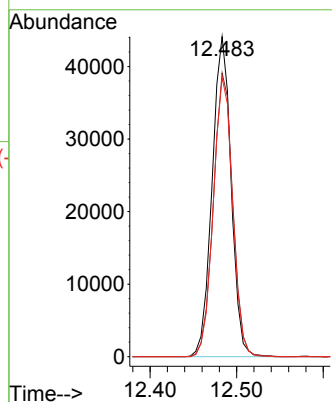
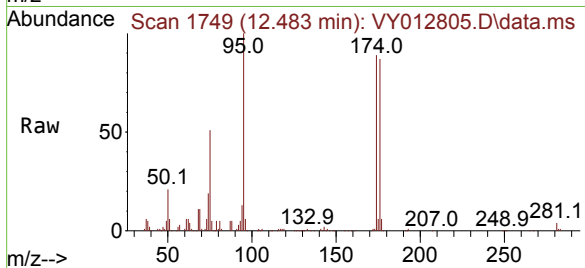




#62
4-Bromofluorobenzene
Concen: 46.227 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012805.D
Acq: 03 Mar 2023 18:42

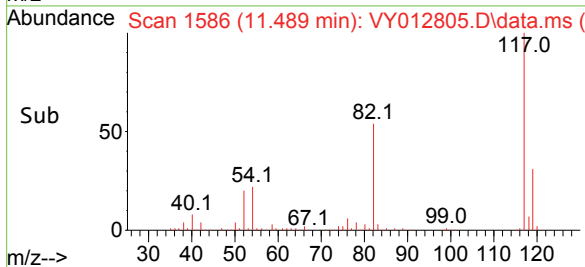
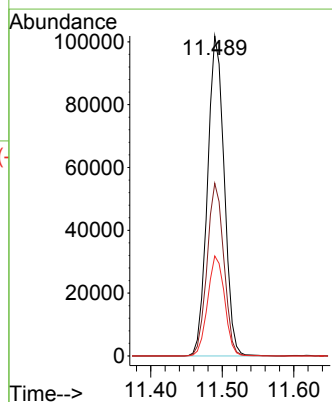
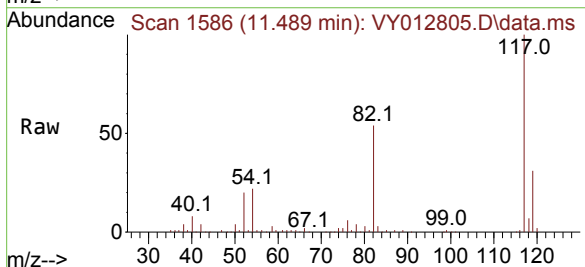
Instrument :
MSVOA_Y
ClientSampleId :
CF-13

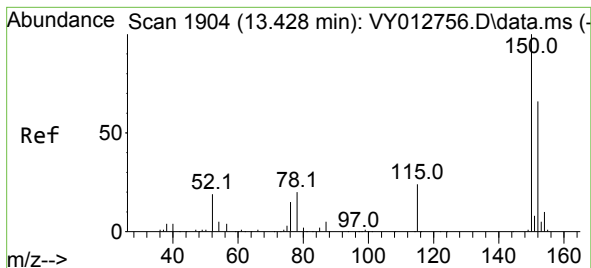
Tgt Ion: 95 Resp: 67098
Ion Ratio Lower Upper
95 100
174 90.4 0.0 176.6
176 88.5 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012805.D
Acq: 03 Mar 2023 18:42

Tgt Ion: 117 Resp: 165185
Ion Ratio Lower Upper
117 100
82 53.9 45.4 68.0
119 31.2 25.6 38.4

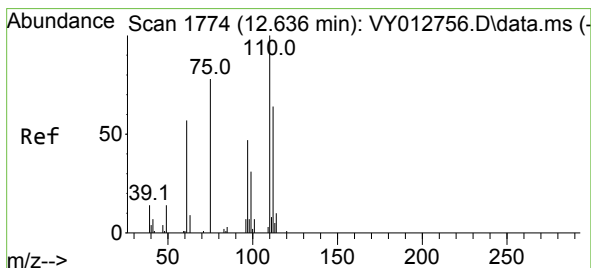
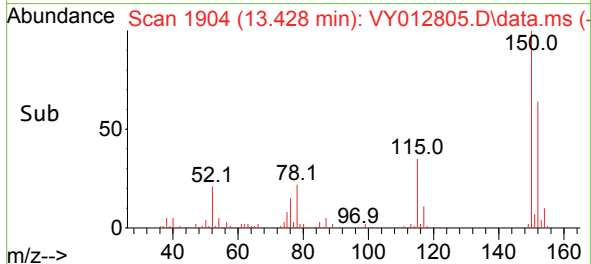
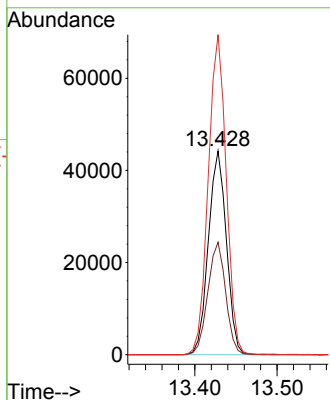
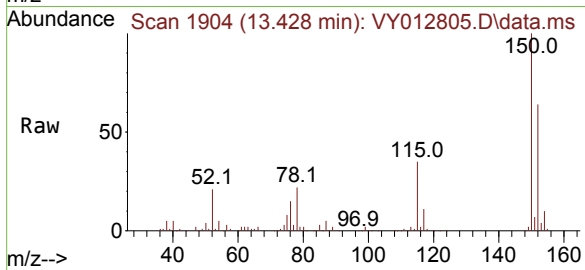




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012805.D
 Acq: 03 Mar 2023 18:42

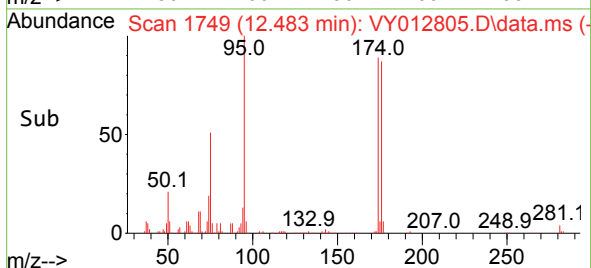
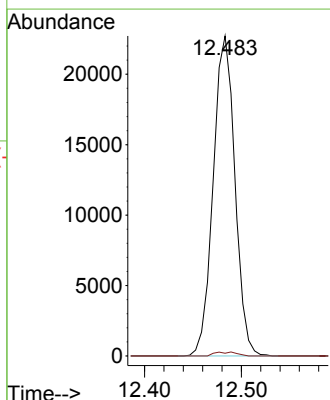
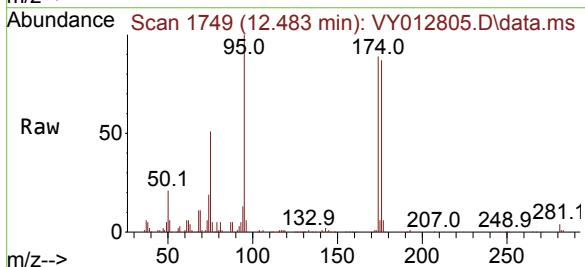
Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-13

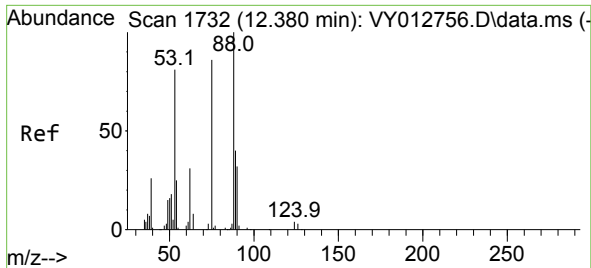
Tgt Ion:152 Resp: 67391
 Ion Ratio Lower Upper
 152 100
 115 54.8 27.1 81.3
 150 156.1 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 44.008 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY012805.D
 Acq: 03 Mar 2023 18:42

Tgt Ion: 75 Resp: 35416
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.187 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012805.D
 Acq: 03 Mar 2023 18:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-13

Tgt Ion: 75 Resp: 35416
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

