

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022323\
 Data File : VY012704.D
 Acq On : 23 Feb 2023 13:30
 Operator : KP/MD
 Sample : 01662-01
 Misc : 5.64g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-E2

Quant Time: Feb 23 23:53:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

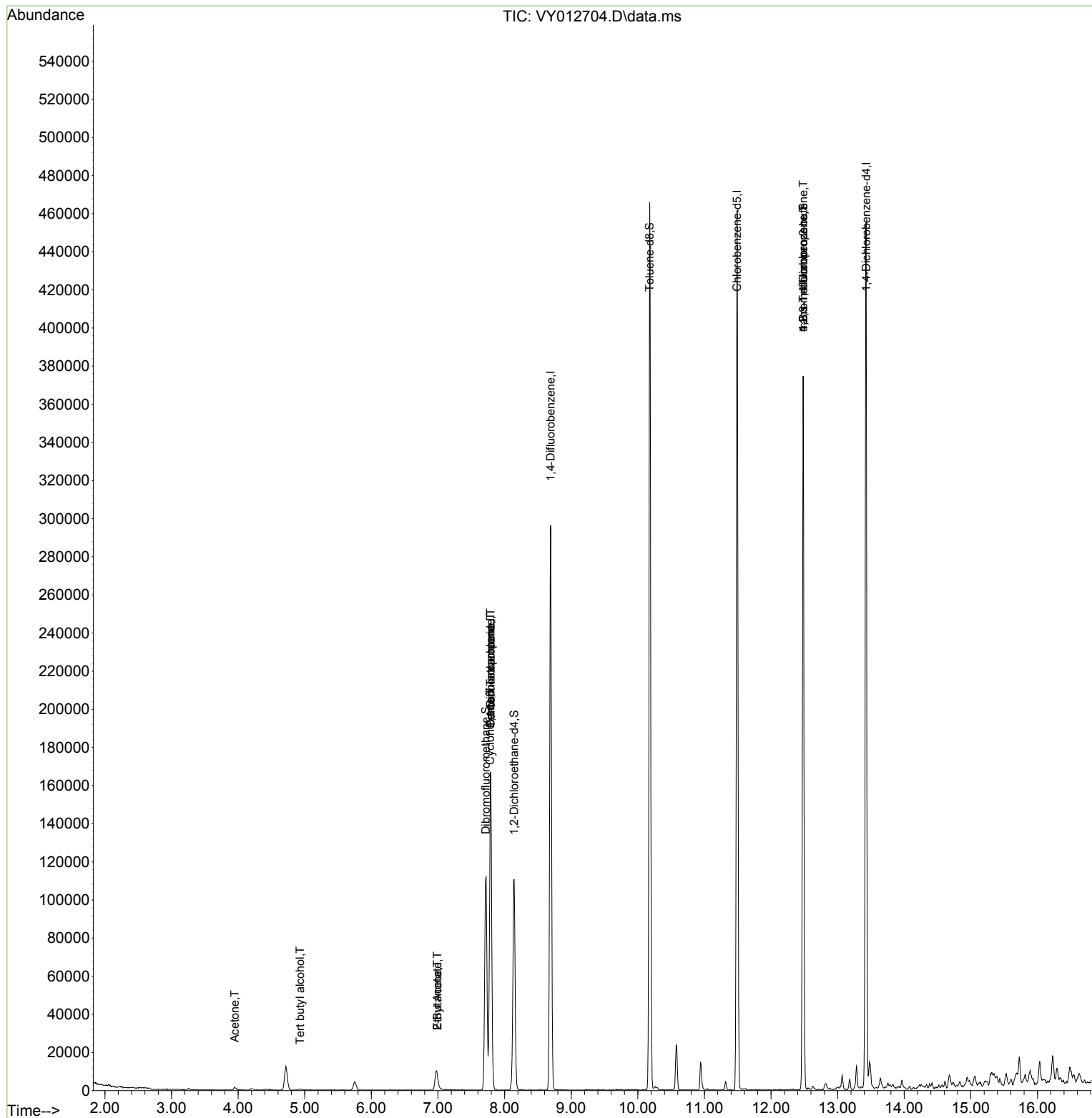
Internal Standards						
1) Pentafluorobenzene	7.789	168	129150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	241006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	239128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	83347	54.642	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.280%	
35) Dibromofluoromethane	7.716	113	79067	48.572	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.140%	
50) Toluene-d8	10.179	98	291112	47.735	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.460%	
62) 4-Bromofluorobenzene	12.483	95	99773	51.124	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.240%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	389	Below Cal	#	42
11) Tert butyl alcohol	4.930	59	428	2.565	ug/l #	74
16) Acetone	3.948	43	2365	4.752	ug/l	91
20) Methylene Chloride	4.722	84	8581	Below Cal		88
25) 2-Butanone	6.990	43	1836	2.779	ug/l #	88
31) Cyclohexane	7.783	56	2883	1.088	ug/l #	11
36) 1,1-Dichloropropene	7.789	75	10327	4.002	ug/l #	50
37) Ethyl Acetate	6.990	43	1836	1.055	ug/l #	62
38) Carbon Tetrachloride	7.789	117	12452	4.667	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	54160	38.171	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54160	80.865	ug/l #	10

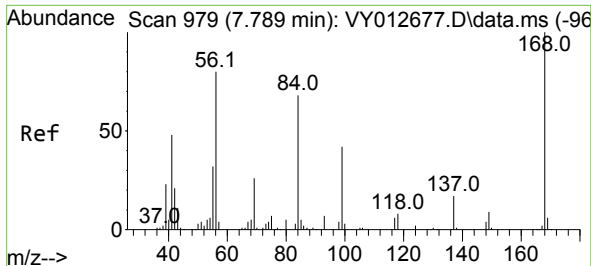
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022323\
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Quant Time: Feb 23 23:53:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 22 01:21:05 2023
Response via : Initial Calibration

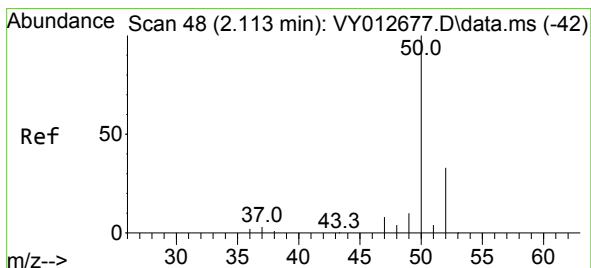
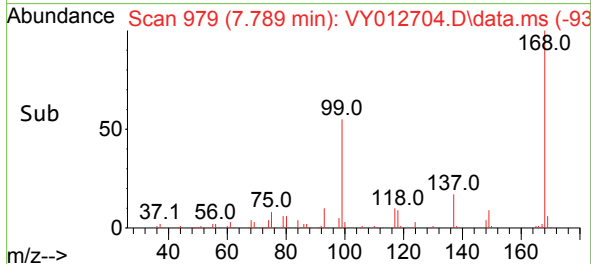
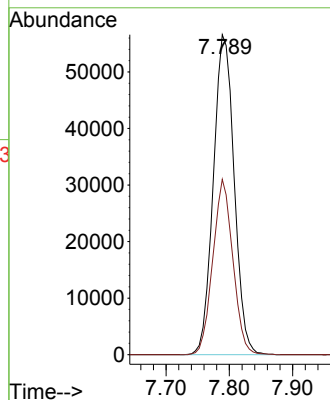
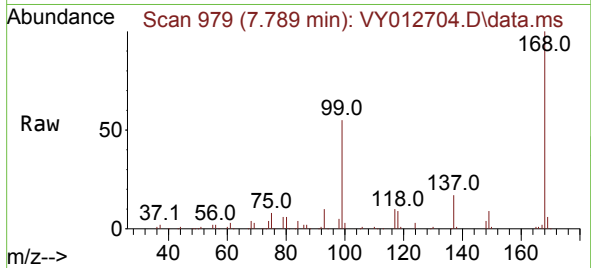




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012704.D
Acq: 23 Feb 2023 13:30

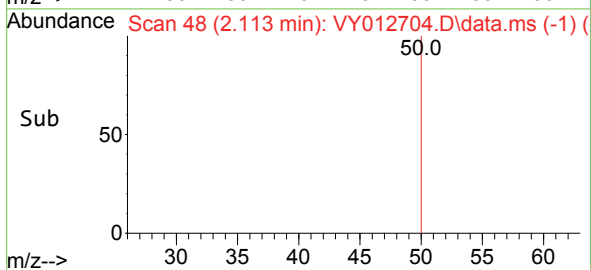
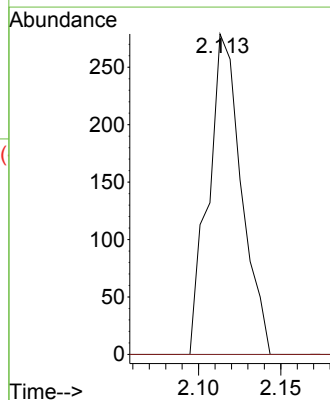
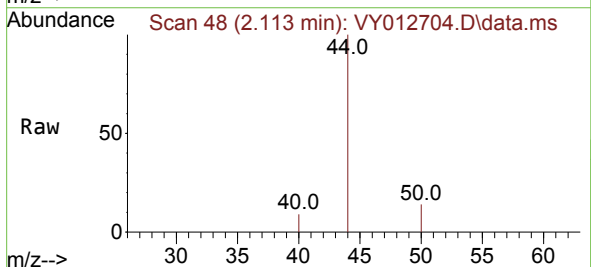
Instrument :
MSVOA_Y
ClientSampleId :
WC-E2

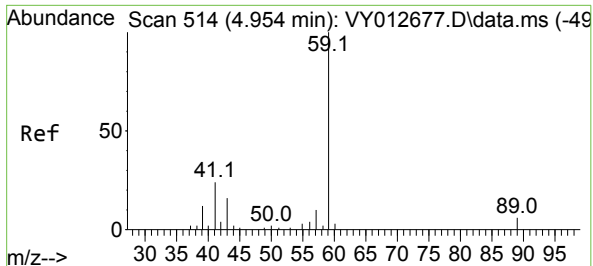
Tgt Ion:168 Resp: 129150
Ion Ratio Lower Upper
168 100
99 54.8 45.4 68.2



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012704.D
Acq: 23 Feb 2023 13:30

Tgt Ion: 50 Resp: 389
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#





#11

Tert butyl alcohol

Concen: 2.565 ug/l

RT: 4.930 min Scan# 514

Delta R.T. -0.025 min

Lab File: VY012704.D

Acq: 23 Feb 2023 13:30

Instrument :

MSVOA_Y

ClientSampleId :

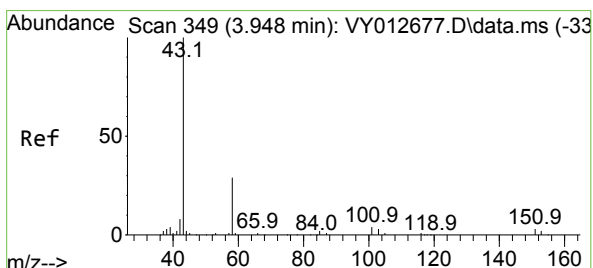
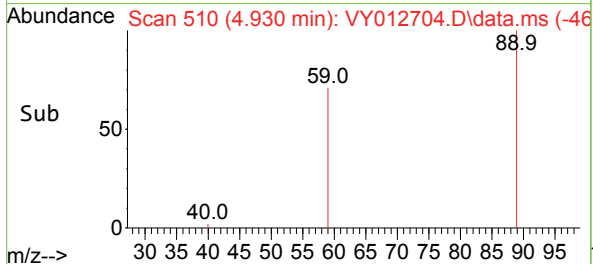
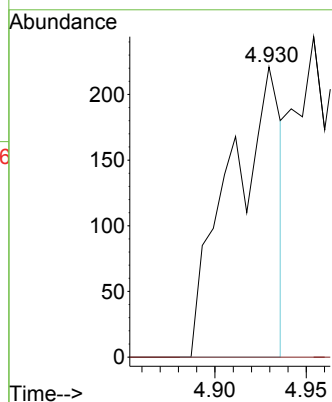
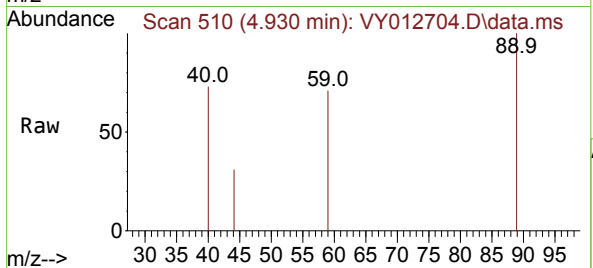
WC-E2

Tgt Ion: 59 Resp: 428

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



#16

Acetone

Concen: 4.752 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY012704.D

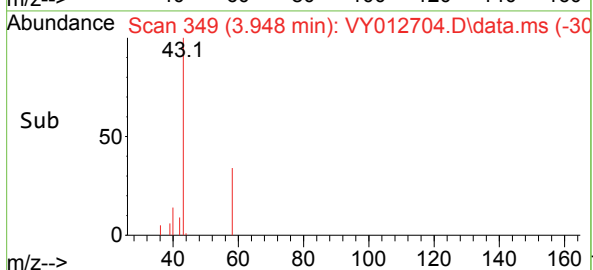
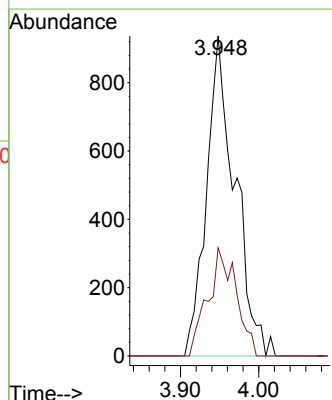
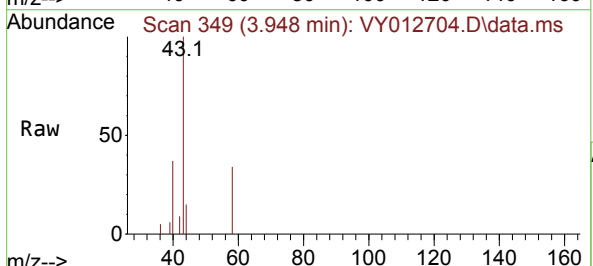
Acq: 23 Feb 2023 13:30

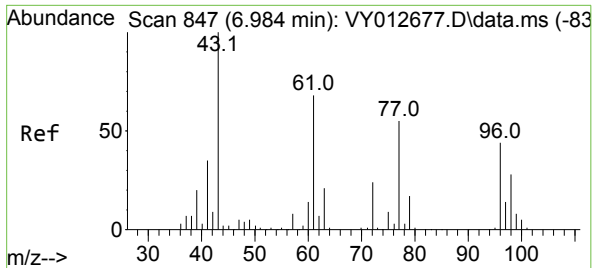
Tgt Ion: 43 Resp: 2365

Ion Ratio Lower Upper

43 100

58 33.8 23.3 34.9

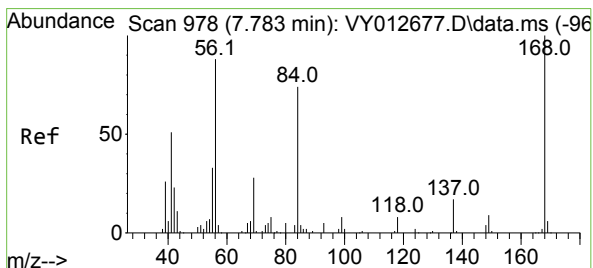
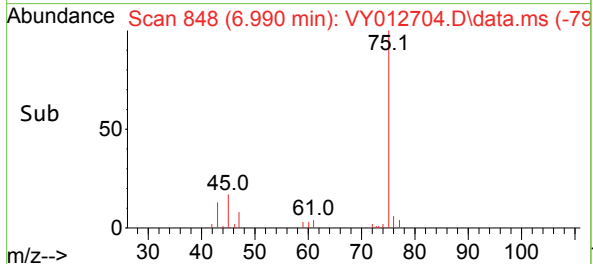
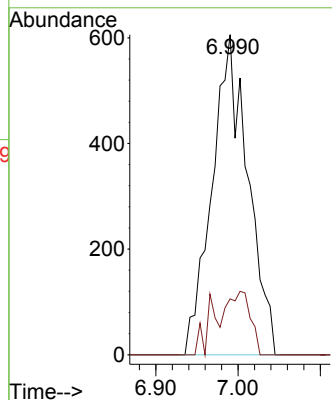
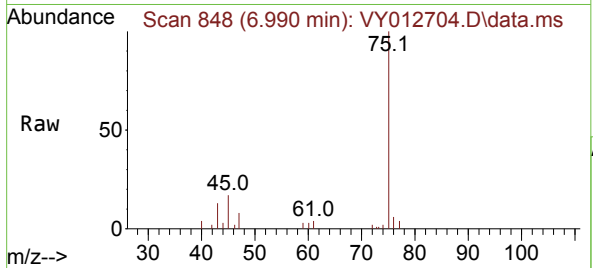




#25
2-Butanone
Concen: 2.779 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY012704.D
Acq: 23 Feb 2023 13:30

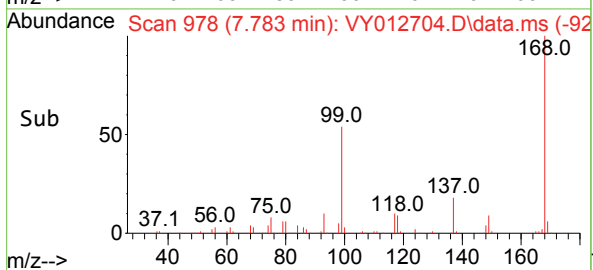
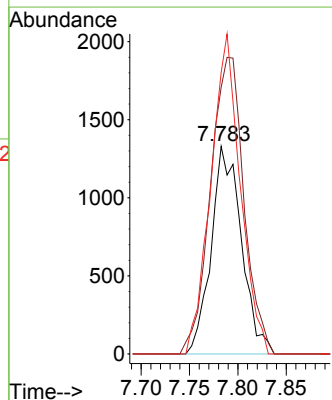
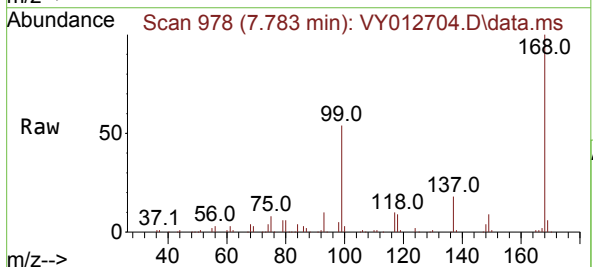
Instrument :
MSVOA_Y
ClientSampleId :
WC-E2

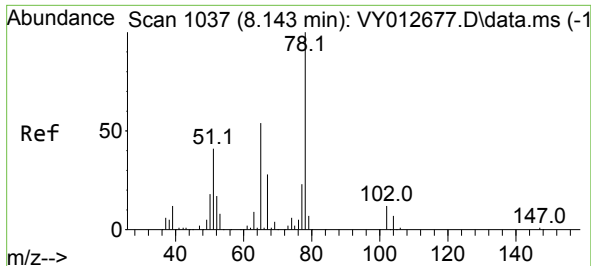
Tgt Ion: 43 Resp: 1836
Ion Ratio Lower Upper
43 100
72 17.5 18.8 28.2#



#31
Cyclohexane
Concen: 1.088 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY012704.D
Acq: 23 Feb 2023 13:30

Tgt Ion: 56 Resp: 2883
Ion Ratio Lower Upper
56 100
69 128.4 25.4 38.2#
84 135.6 67.3 100.9#

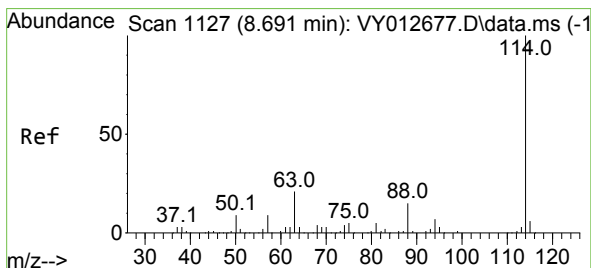
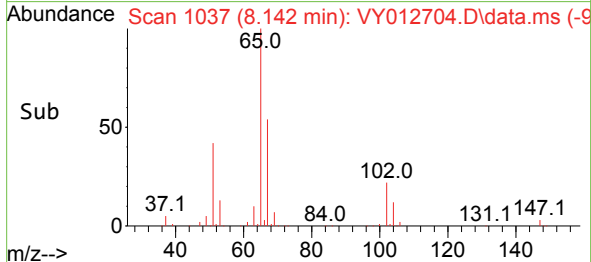
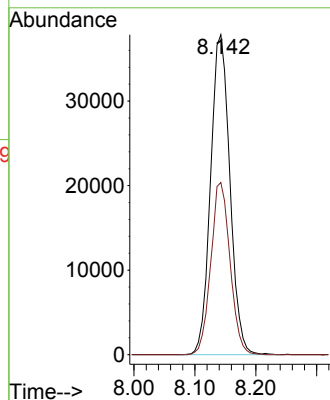
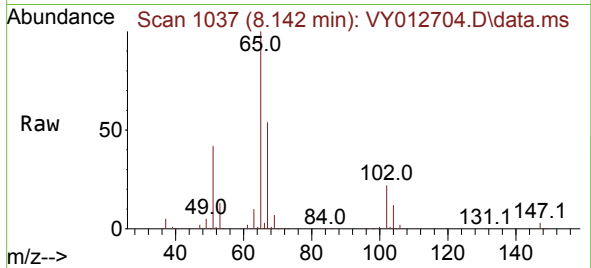




#33
 1,2-Dichloroethane-d4
 Concen: 54.642 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY012704.D
 Acq: 23 Feb 2023 13:30

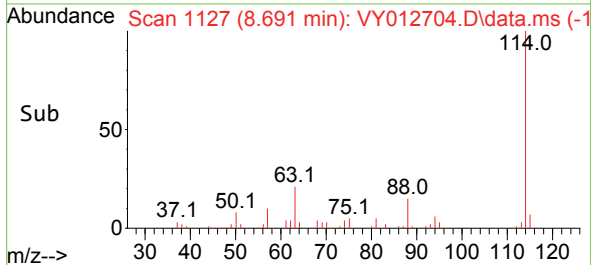
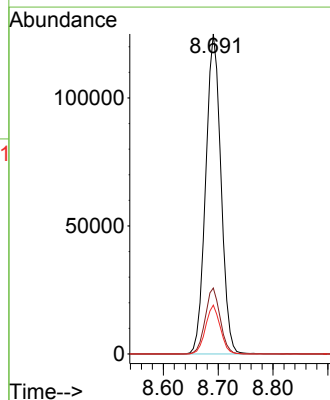
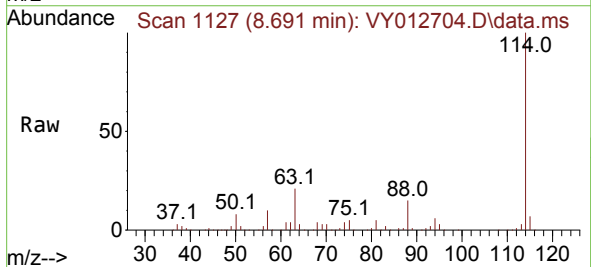
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-E2

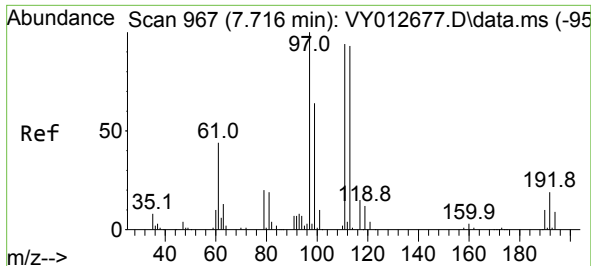
Tgt Ion: 65 Resp: 83347
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY012704.D
 Acq: 23 Feb 2023 13:30

Tgt Ion: 114 Resp: 241006
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.8
 88 15.3 0.0 29.6

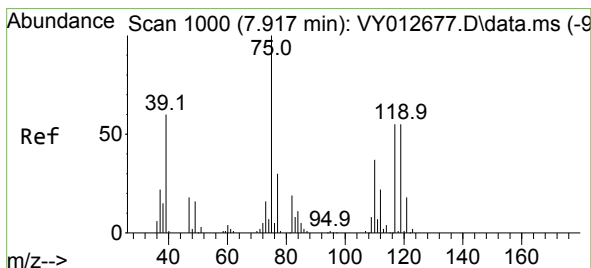
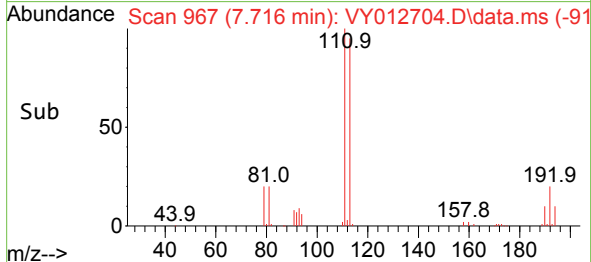
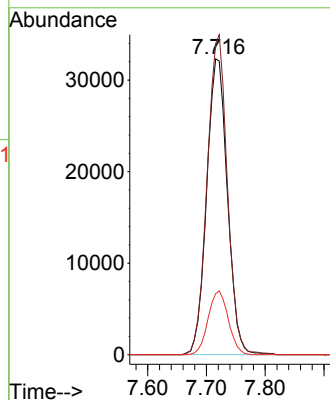
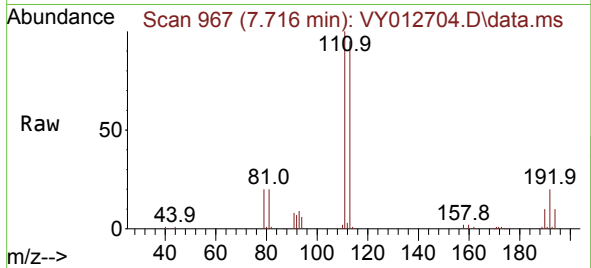




#35
Dibromofluoromethane
Concen: 48.572 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY012704.D
Acq: 23 Feb 2023 13:30

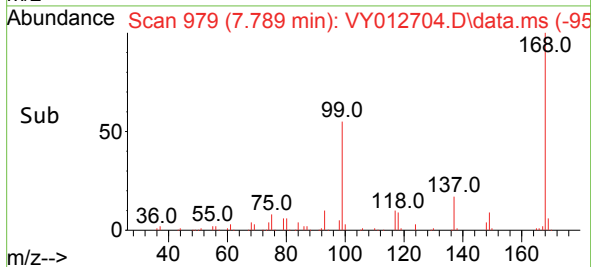
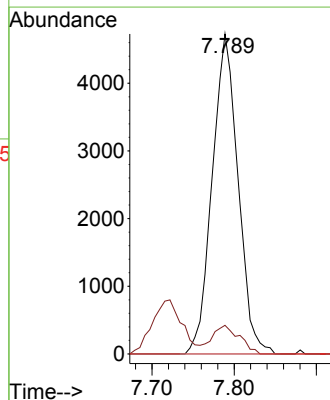
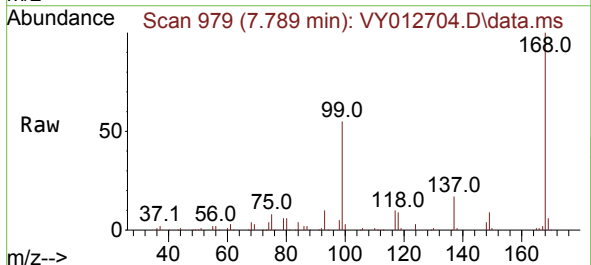
Instrument :
MSVOA_Y
ClientSampleId :
WC-E2

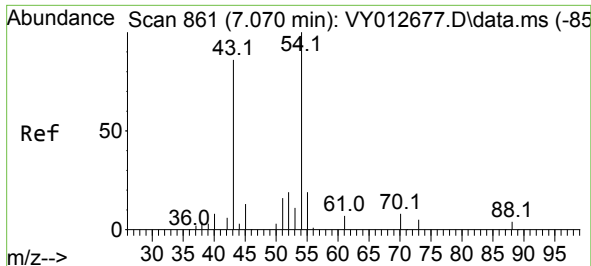
Tgt Ion:113 Resp: 79067
Ion Ratio Lower Upper
113 100
111 105.6 82.0 123.0
192 21.0 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.002 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012704.D
Acq: 23 Feb 2023 13:30

Tgt Ion: 75 Resp: 10327
Ion Ratio Lower Upper
75 100
110 9.5 17.6 52.8#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 1.055 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.080 min

Lab File: VY012704.D

Acq: 23 Feb 2023 13:30

Instrument :

MSVOA_Y

ClientSampleId :

WC-E2

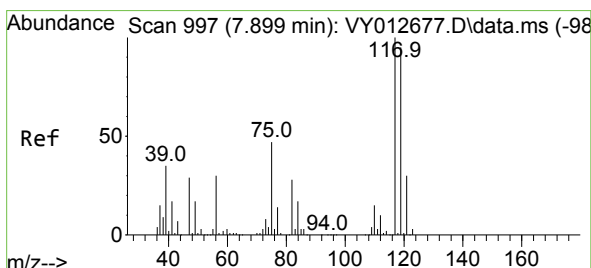
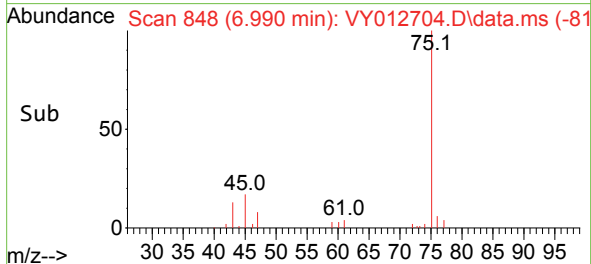
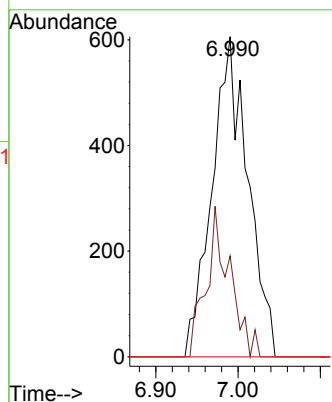
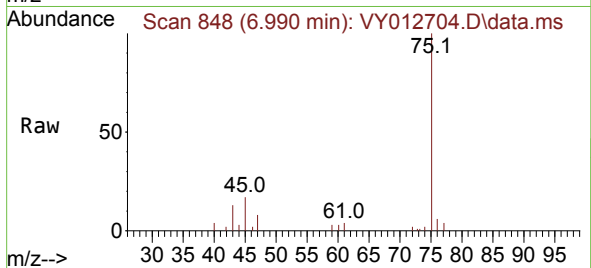
Tgt Ion: 43 Resp: 1836

Ion Ratio Lower Upper

43 100

61 31.0 9.9 14.9#

70 0.0 6.4 9.6#



#38

Carbon Tetrachloride

Concen: 4.667 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012704.D

Acq: 23 Feb 2023 13:30

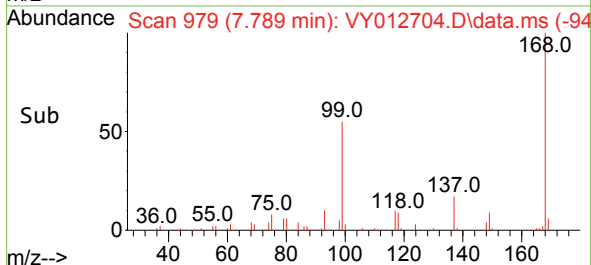
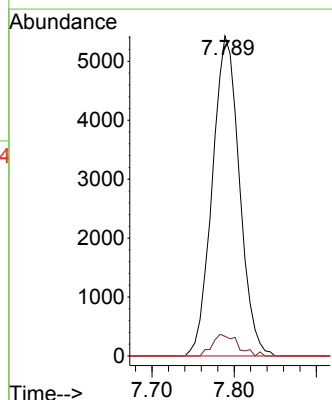
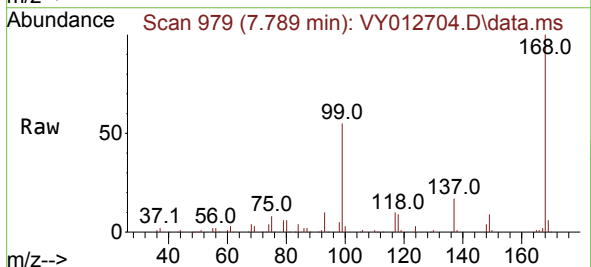
Tgt Ion: 117 Resp: 12452

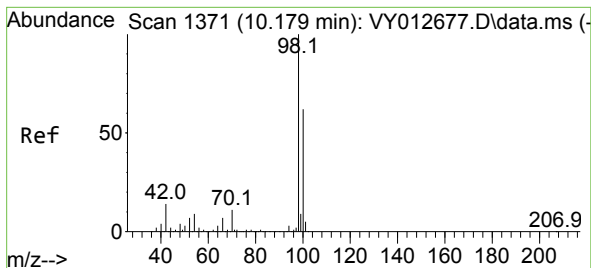
Ion Ratio Lower Upper

117 100

119 6.1 75.5 113.3#

121 0.0 23.8 35.8#

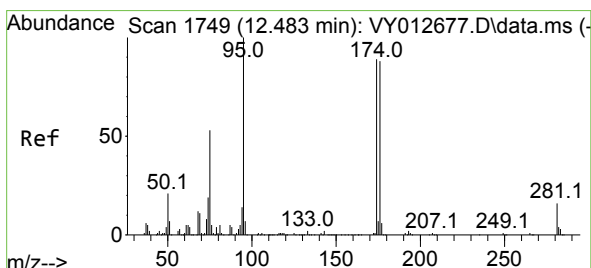
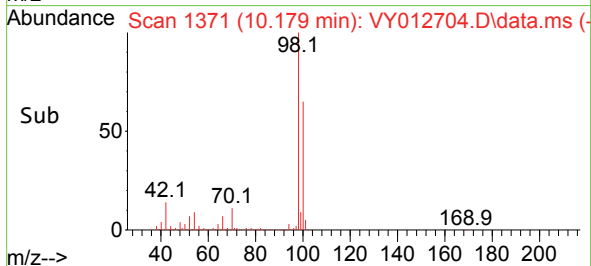
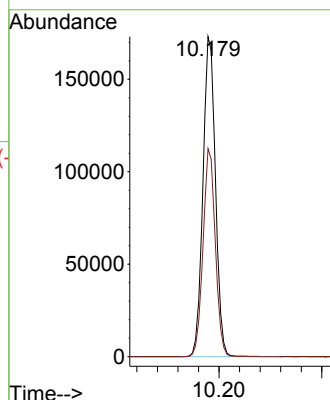
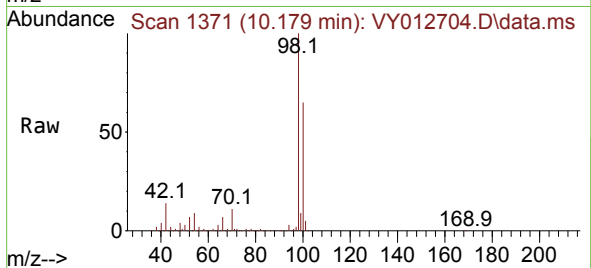




#50
Toluene-d8
Concen: 47.735 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012704.D
Acq: 23 Feb 2023 13:30

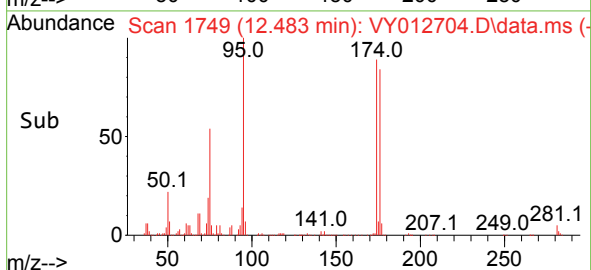
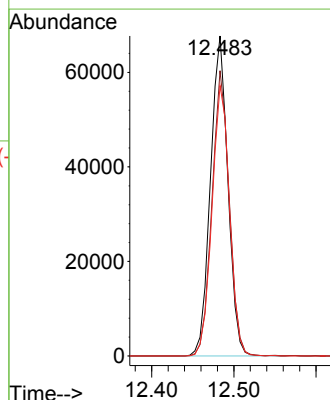
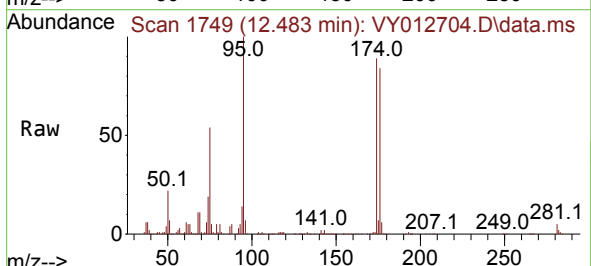
Instrument :
MSVOA_Y
ClientSampleId :
WC-E2

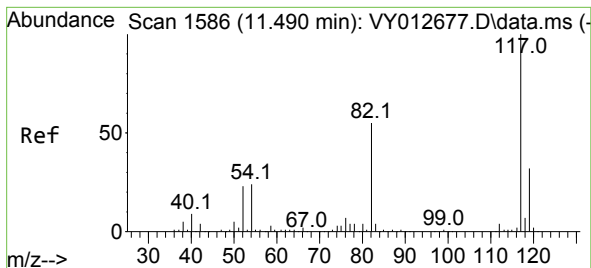
Tgt Ion: 98 Resp: 291112
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 51.124 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012704.D
Acq: 23 Feb 2023 13:30

Tgt Ion: 95 Resp: 99773
Ion Ratio Lower Upper
95 100
174 88.2 0.0 172.8
176 85.1 0.0 169.4

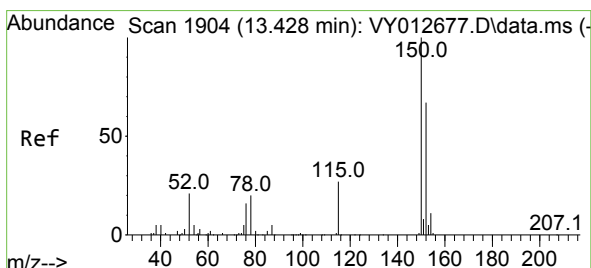
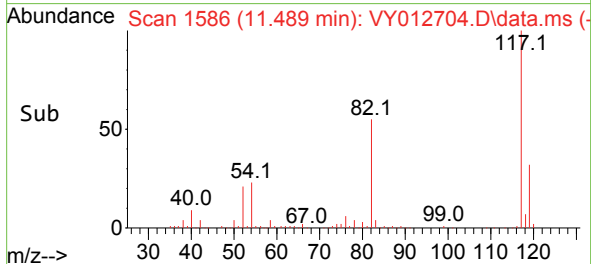
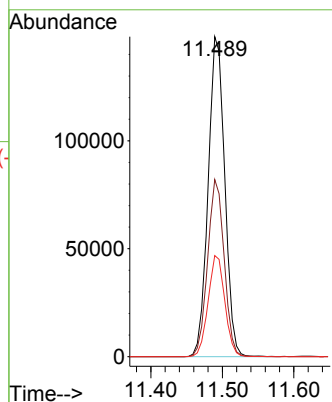
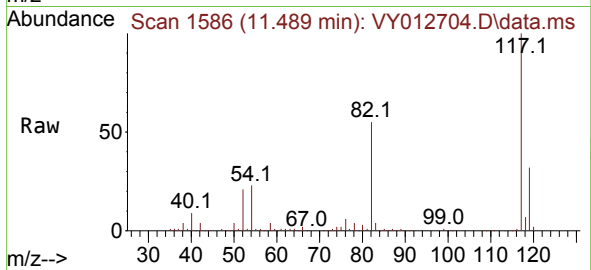




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY012704.D
Acq: 23 Feb 2023 13:30

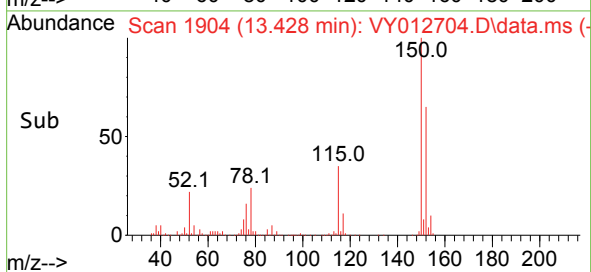
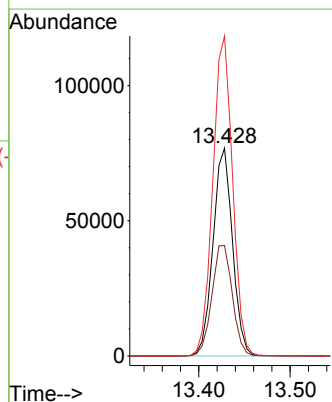
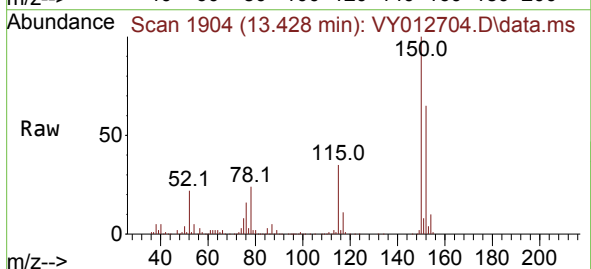
Instrument :
MSVOA_Y
ClientSampleId :
WC-E2

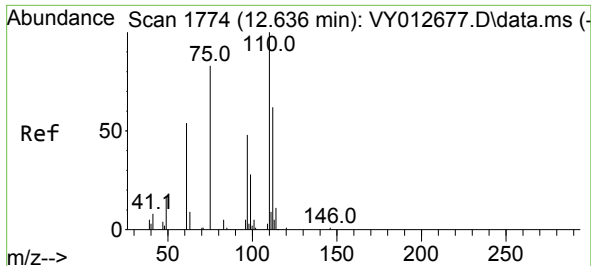
Tgt Ion:117 Resp: 239128
Ion Ratio Lower Upper
117 100
82 55.3 44.1 66.1
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012704.D
Acq: 23 Feb 2023 13:30

Tgt Ion:152 Resp: 113814
Ion Ratio Lower Upper
152 100
115 55.9 28.7 86.3
150 156.3 0.0 347.6

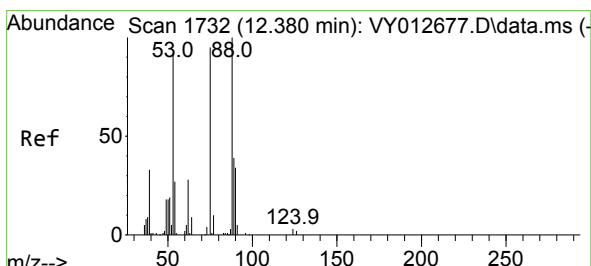
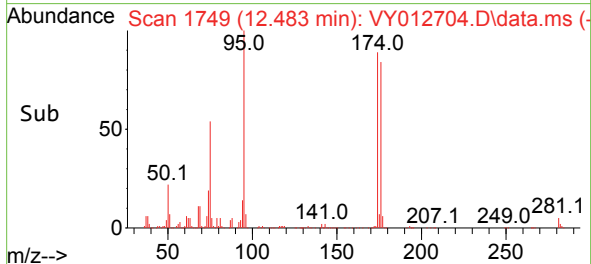
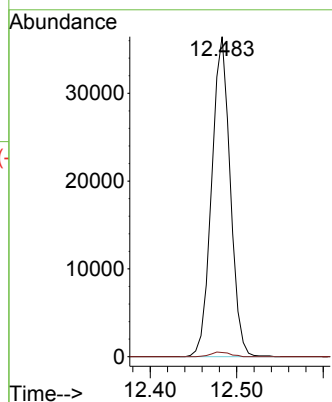
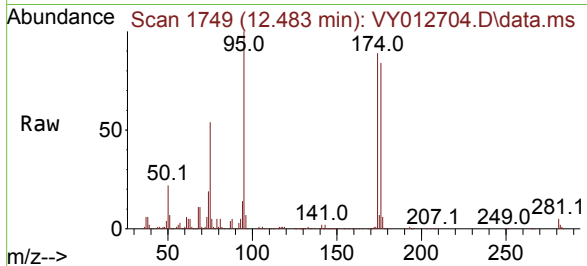




#76
1,2,3-Trichloropropane
Concen: 38.171 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012704.D
Acq: 23 Feb 2023 13:30

Instrument :
MSVOA_Y
ClientSampleId :
WC-E2

Tgt Ion: 75 Resp: 54160
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.865 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012704.D
Acq: 23 Feb 2023 13:30

Tgt Ion: 75 Resp: 54160
Ion Ratio Lower Upper
75 100
53 0.4 80.4 120.6#
89 0.0 36.5 54.7#

