

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022323\
 Data File : VY012706.D
 Acq On : 23 Feb 2023 14:17
 Operator : KP/MD
 Sample : 01663-01
 Misc : 4.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-D2

Quant Time: Feb 23 23:54:33 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)

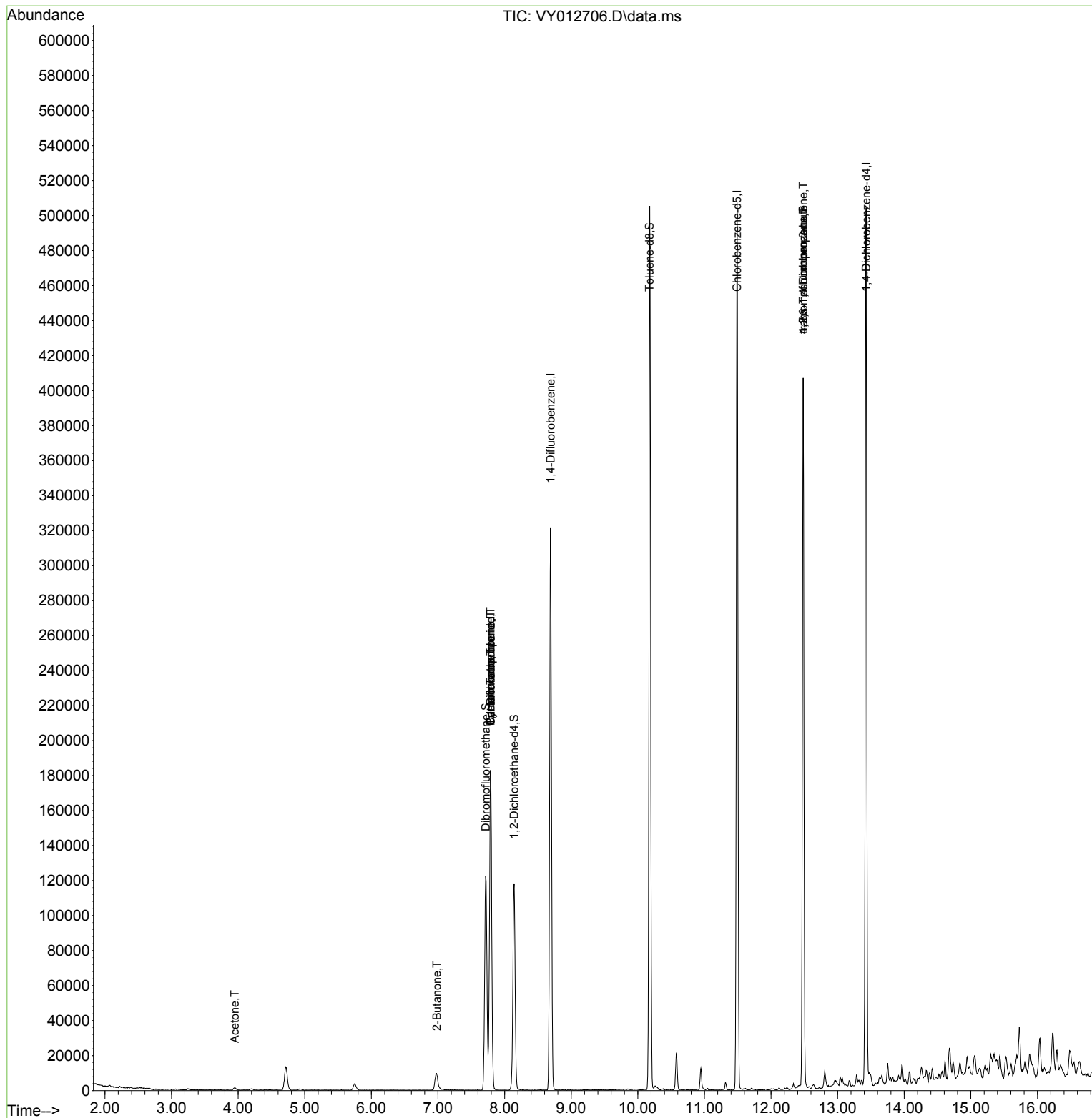
Internal Standards						
1) Pentafluorobenzene	7.789	168	143226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	264719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	262379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	90523	53.514	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.020%	
35) Dibromofluoromethane	7.716	113	86998	48.657	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.320%	
50) Toluene-d8	10.179	98	319448	47.689	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.380%	
62) 4-Bromofluorobenzene	12.483	95	113725	53.053	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	290	Below Cal		96
16) Acetone	3.948	43	2677	4.850	ug/l	97
20) Methylene Chloride	4.722	84	9226	Below Cal	#	94
25) 2-Butanone	6.984	43	1094	1.493	ug/l #	52
31) Cyclohexane	7.789	56	3316	1.128	ug/l #	25
36) 1,1-Dichloropropene	7.789	75	10995	3.879	ug/l #	51
38) Carbon Tetrachloride	7.789	117	14325	4.888	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	61670	38.744	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61670	82.079	ug/l #	10

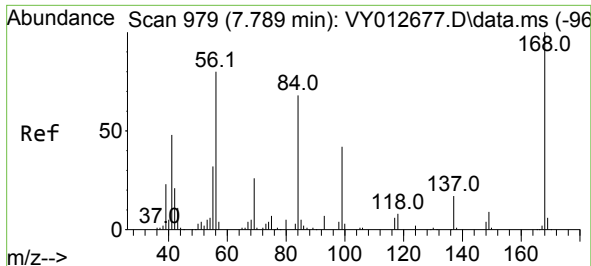
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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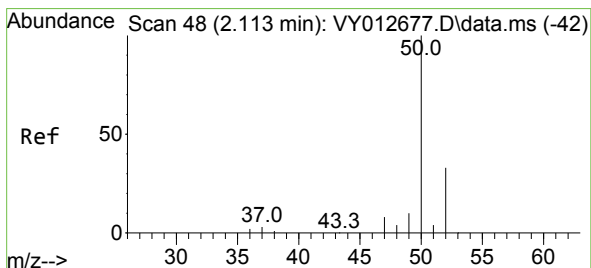
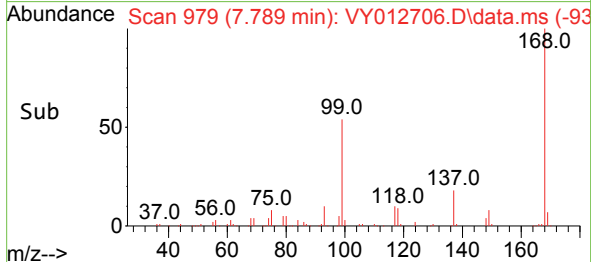
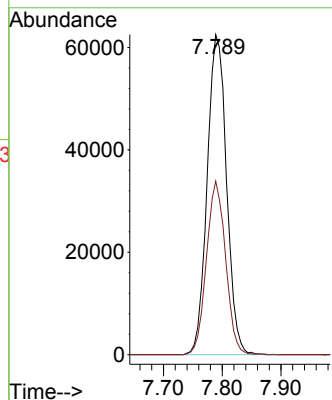
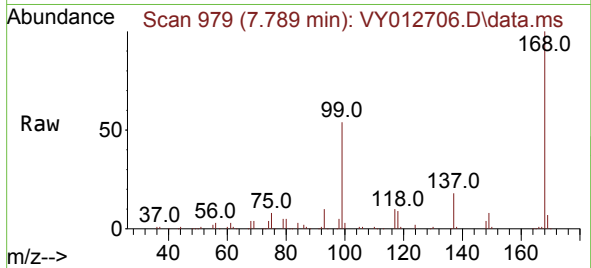




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012706.D
Acq: 23 Feb 2023 14:17

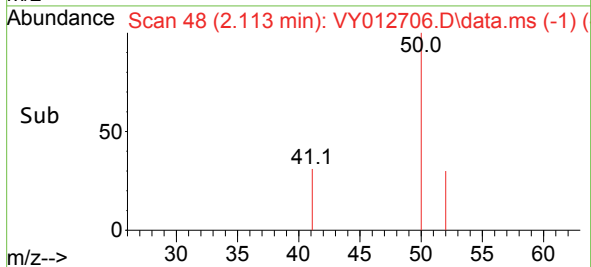
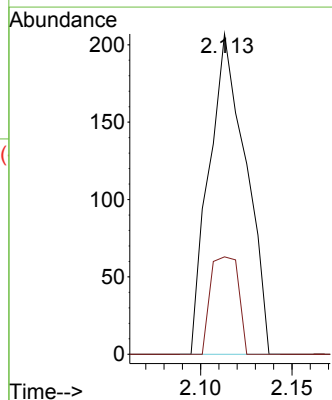
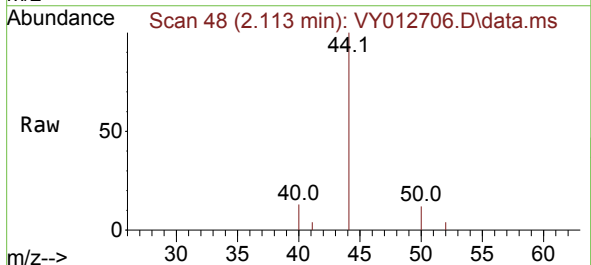
Instrument :
MSVOA_Y
ClientSampleId :
WC-D2

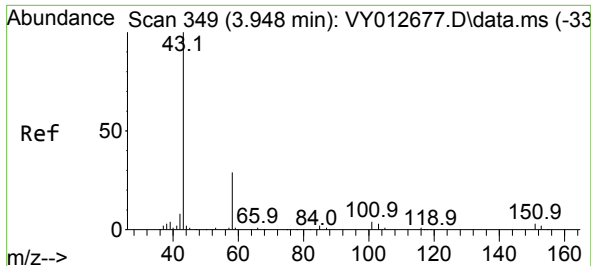
Tgt Ion:168 Resp: 143226
Ion Ratio Lower Upper
168 100
99 54.3 45.4 68.2



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012706.D
Acq: 23 Feb 2023 14:17

Tgt Ion: 50 Resp: 290
Ion Ratio Lower Upper
50 100
52 30.4 26.1 39.1

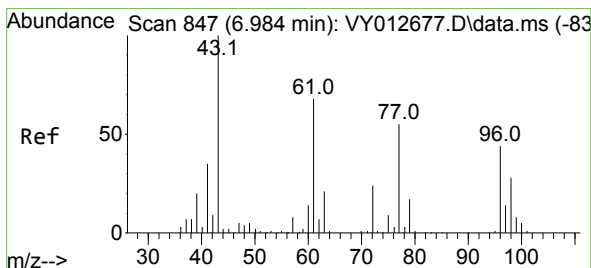
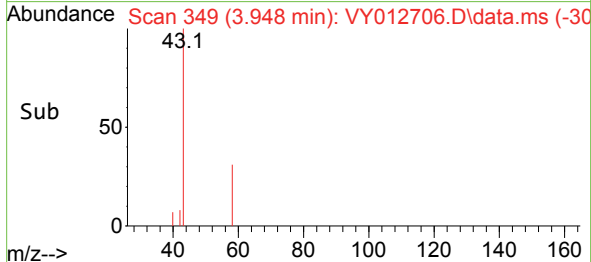
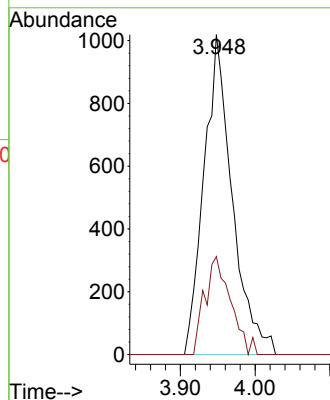
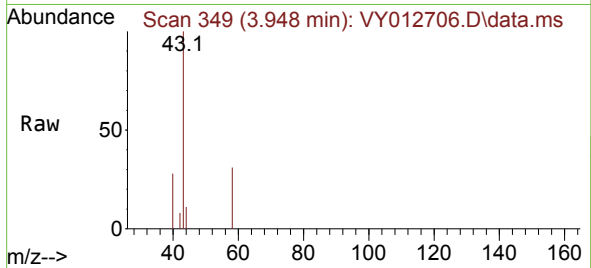




#16
Acetone
Concen: 4.850 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY012706.D
Acq: 23 Feb 2023 14:17

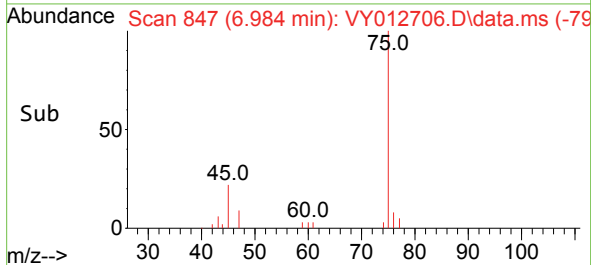
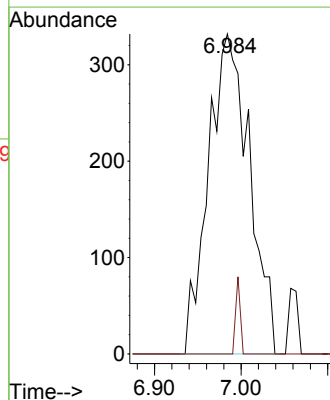
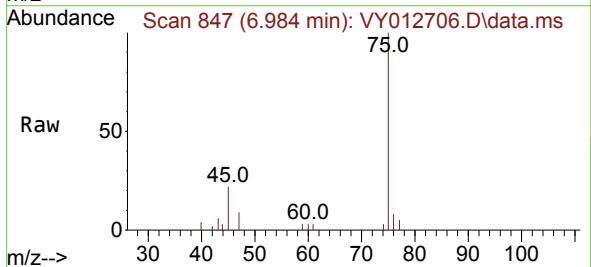
Instrument :
MSVOA_Y
ClientSampleId :
WC-D2

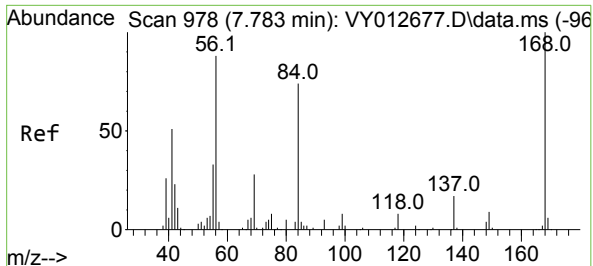
Tgt Ion: 43 Resp: 2677
Ion Ratio Lower Upper
43 100
58 30.6 23.3 34.9



#25
2-Butanone
Concen: 1.493 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY012706.D
Acq: 23 Feb 2023 14:17

Tgt Ion: 43 Resp: 1094
Ion Ratio Lower Upper
43 100
72 0.0 18.8 28.2#

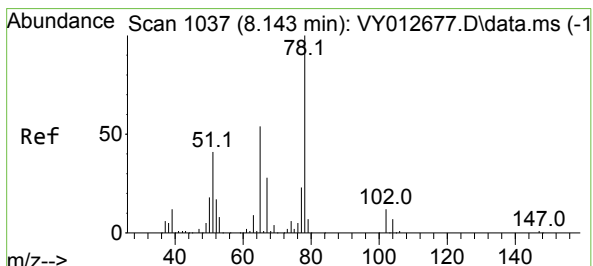
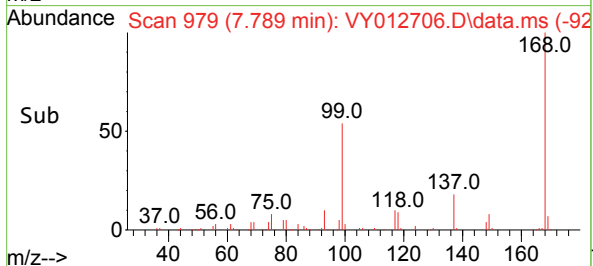
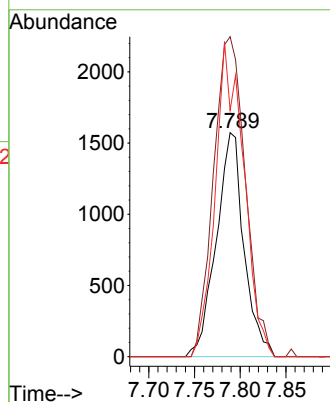
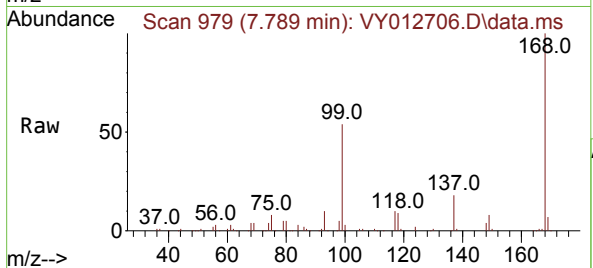




#31
Cyclohexane
Concen: 1.128 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012706.D
Acq: 23 Feb 2023 14:17

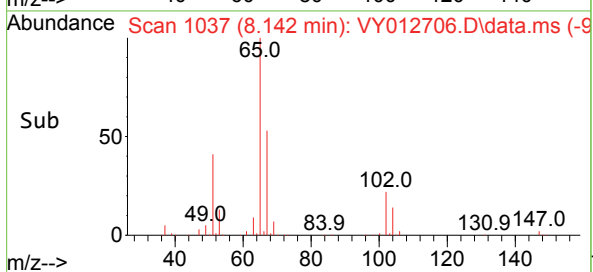
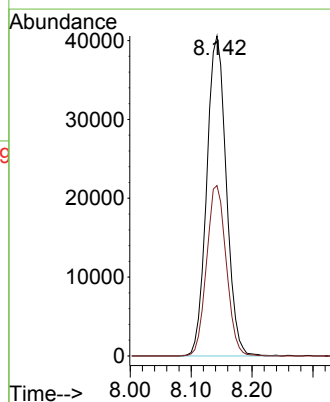
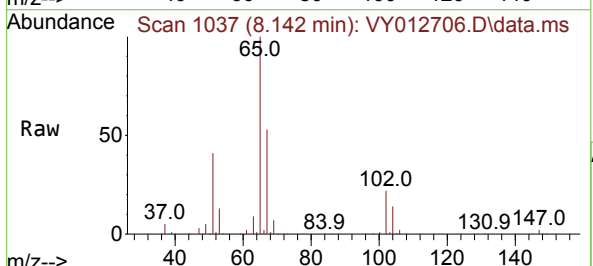
Instrument :
MSVOA_Y
ClientSampleId :
WC-D2

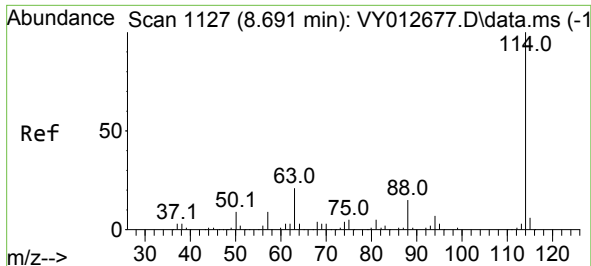
Tgt Ion: 56 Resp: 3316
Ion Ratio Lower Upper
56 100
69 142.8 25.4 38.2#
84 109.9 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 53.514 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012706.D
Acq: 23 Feb 2023 14:17

Tgt Ion: 65 Resp: 90523
Ion Ratio Lower Upper
65 100
67 53.5 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: VY012706.D

Acq: 23 Feb 2023 14:17

Instrument :

MSVOA_Y

ClientSampleId :

WC-D2

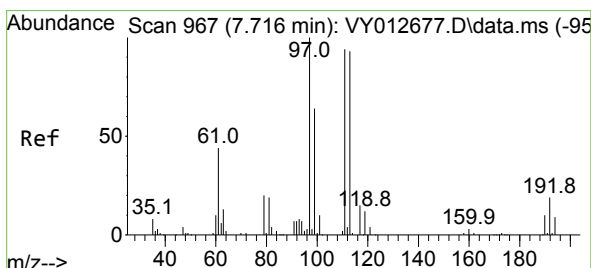
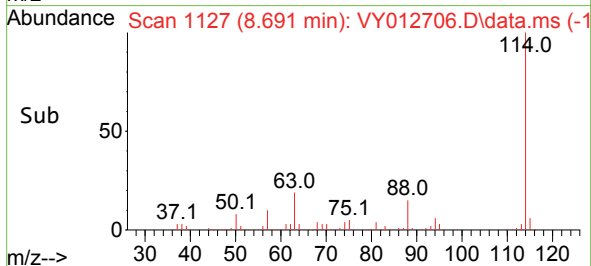
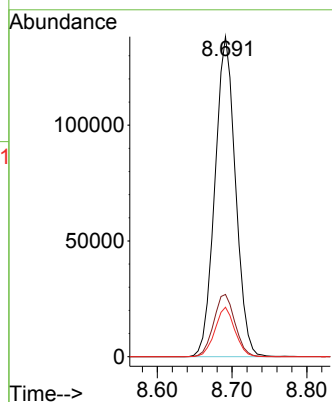
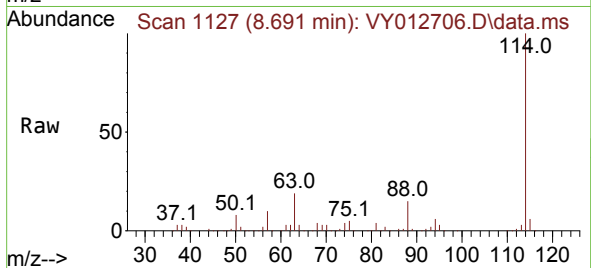
Tgt Ion:114 Resp: 264719

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.8

88 15.4 0.0 29.6



#35

Dibromofluoromethane

Concen: 48.657 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012706.D

Acq: 23 Feb 2023 14:17

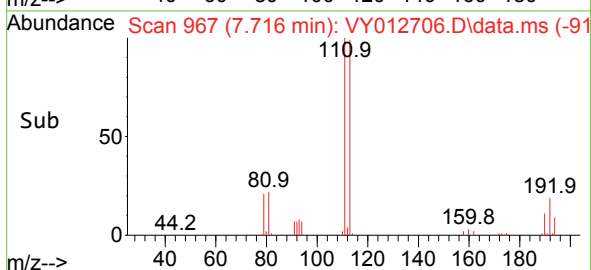
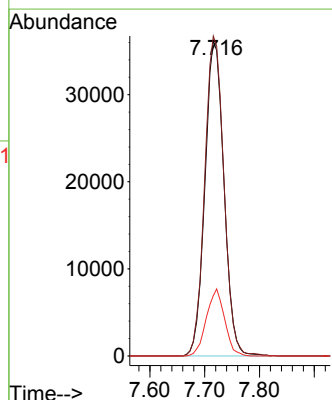
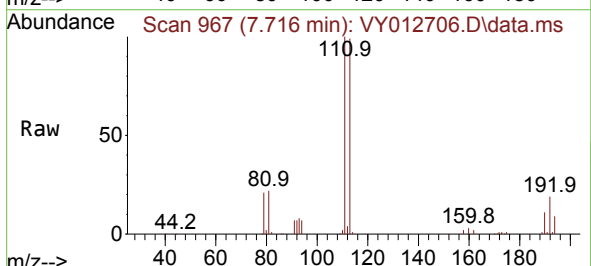
Tgt Ion:113 Resp: 86998

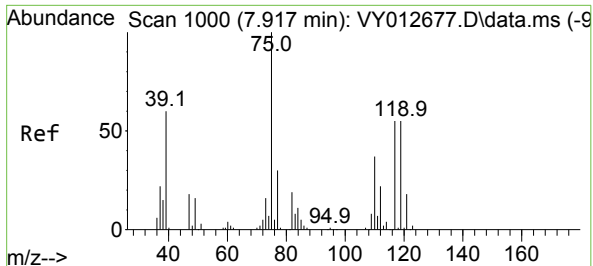
Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

192 20.4 16.2 24.2

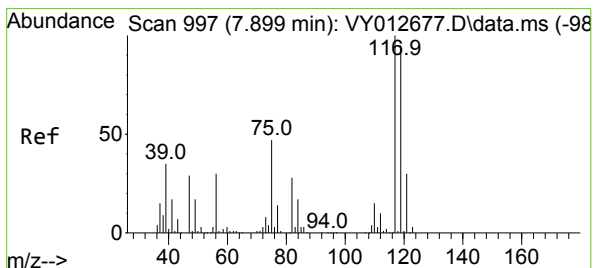
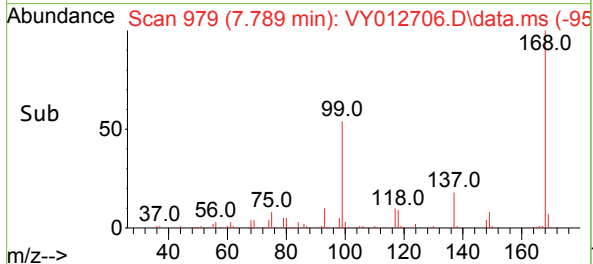
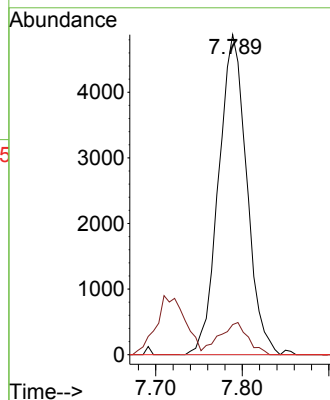
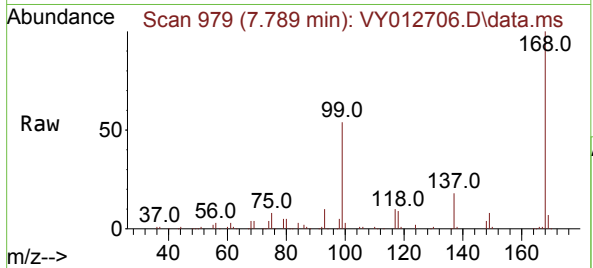




#36
1,1-Dichloropropene
Concen: 3.879 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012706.D
Acq: 23 Feb 2023 14:17

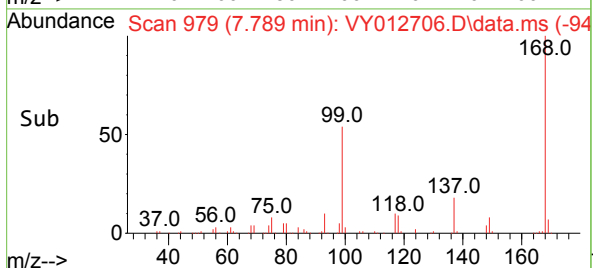
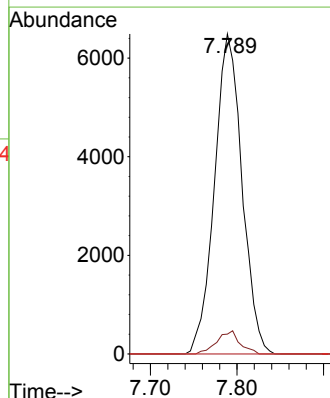
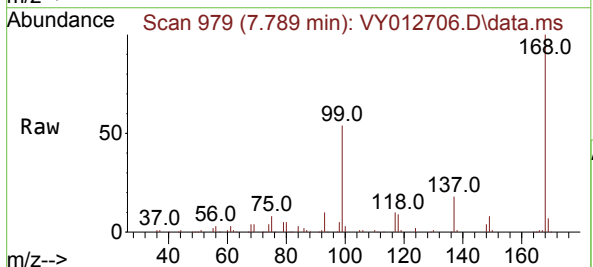
Instrument :
MSVOA_Y
ClientSampleId :
WC-D2

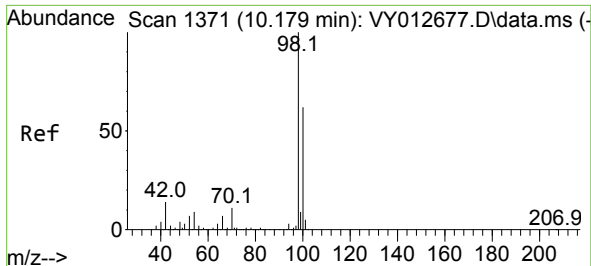
Tgt Ion: 75 Resp: 10995
Ion Ratio Lower Upper
75 100
110 10.3 17.6 52.8#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 4.888 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012706.D
Acq: 23 Feb 2023 14:17

Tgt Ion: 117 Resp: 14325
Ion Ratio Lower Upper
117 100
119 6.2 75.5 113.3#
121 0.0 23.8 35.8#

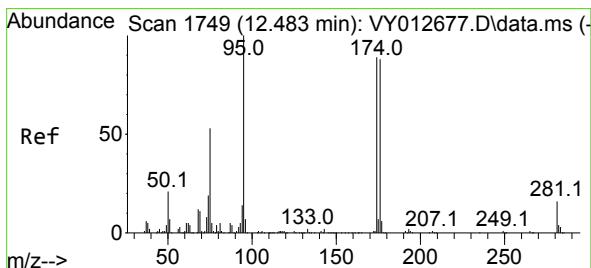
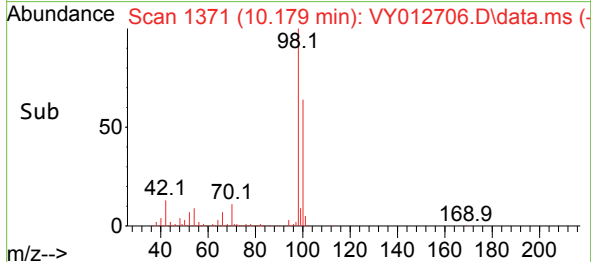
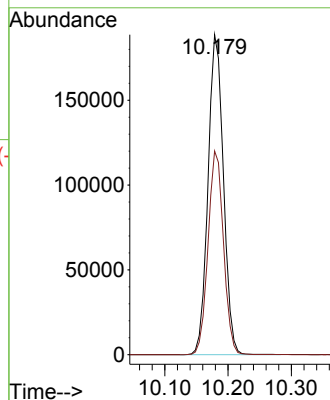
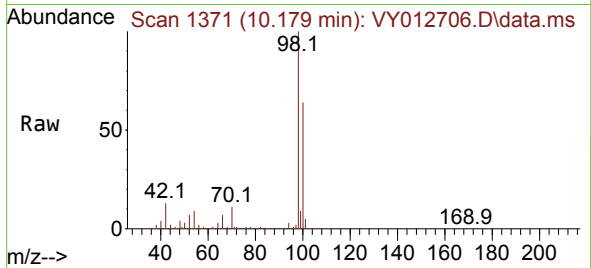




#50
Toluene-d8
Concen: 47.689 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012706.D
Acq: 23 Feb 2023 14:17

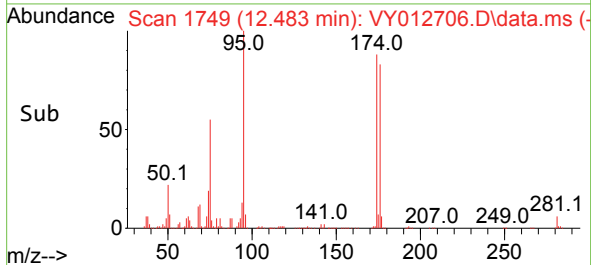
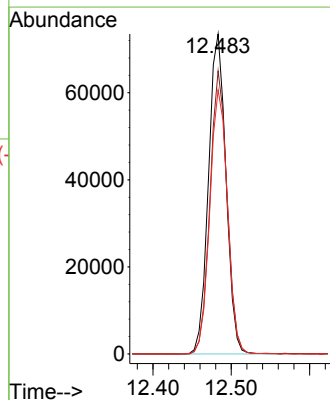
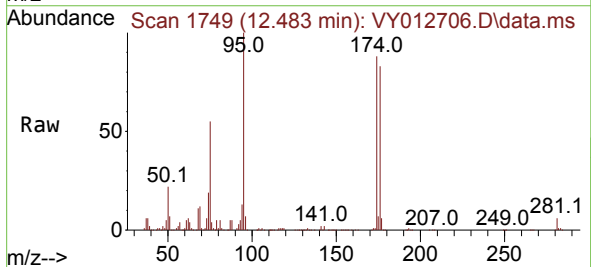
Instrument :
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ClientSampleId :
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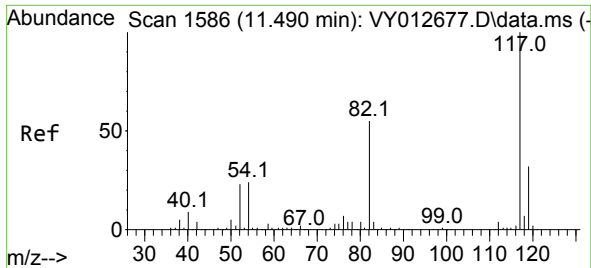
Tgt Ion: 98 Resp: 319448
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 53.053 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012706.D
Acq: 23 Feb 2023 14:17

Tgt Ion: 95 Resp: 113725
Ion Ratio Lower Upper
95 100
174 87.1 0.0 172.8
176 83.6 0.0 169.4

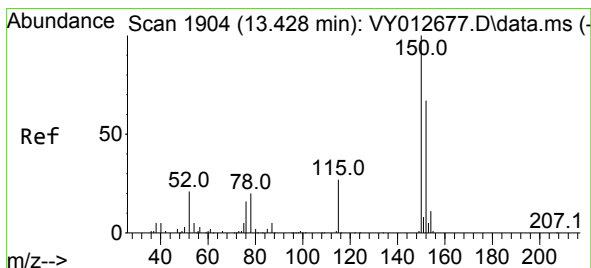
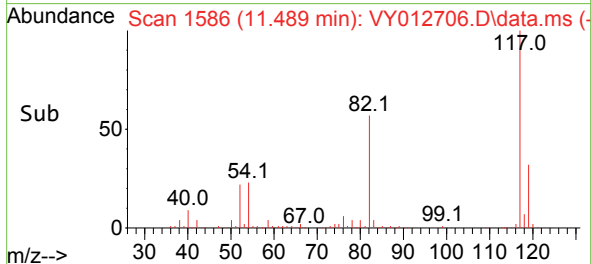
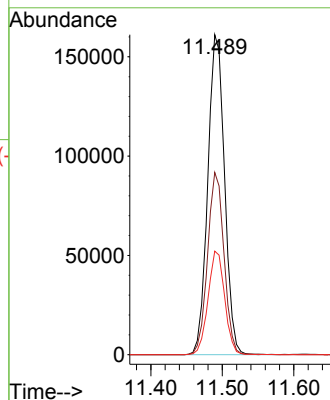
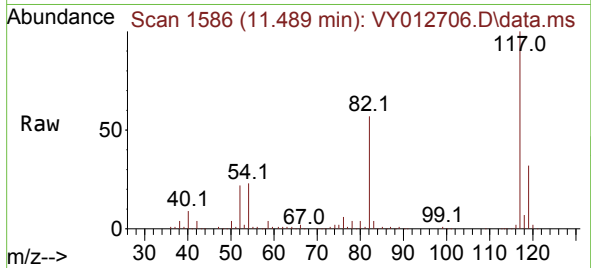




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012706.D
Acq: 23 Feb 2023 14:17

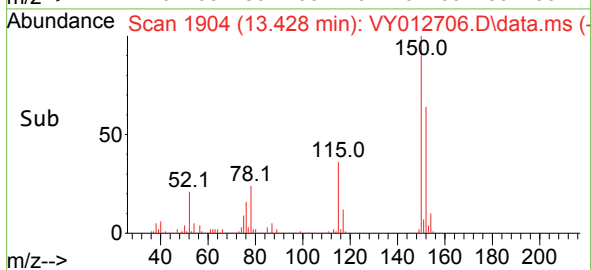
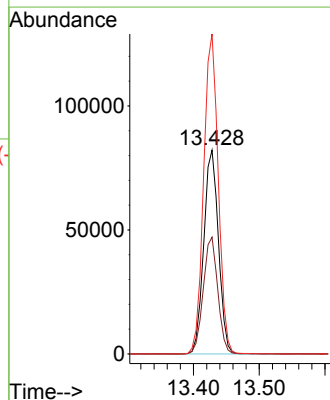
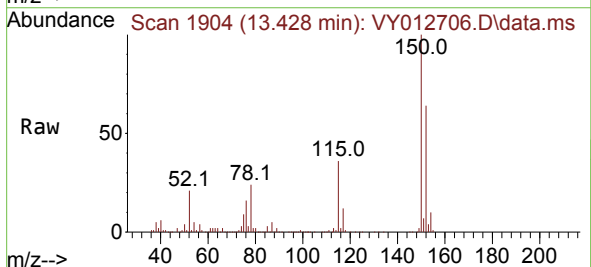
Instrument :
MSVOA_Y
ClientSampleId :
WC-D2

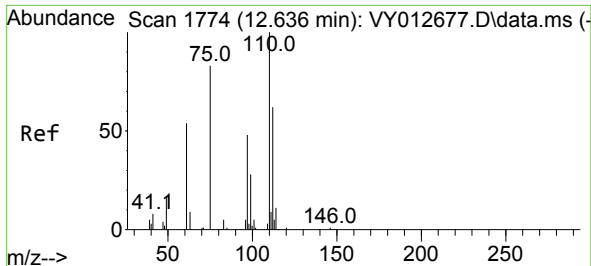
Tgt Ion:117 Resp: 262379
Ion Ratio Lower Upper
117 100
82 56.9 44.1 66.1
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012706.D
Acq: 23 Feb 2023 14:17

Tgt Ion:152 Resp: 127679
Ion Ratio Lower Upper
152 100
115 56.9 28.7 86.3
150 155.7 0.0 347.6

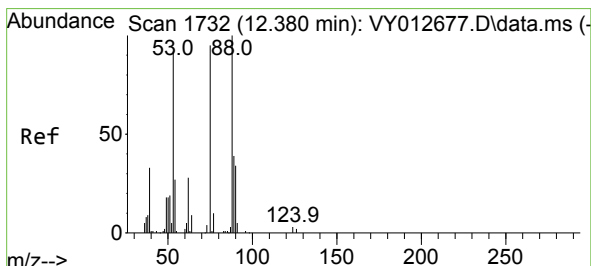
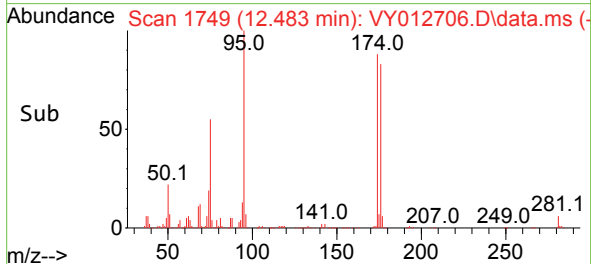
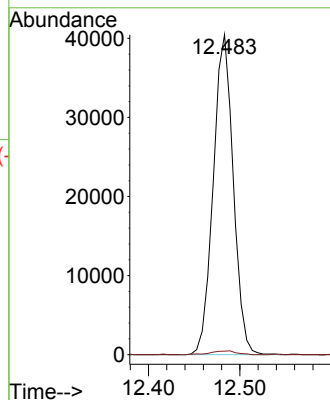
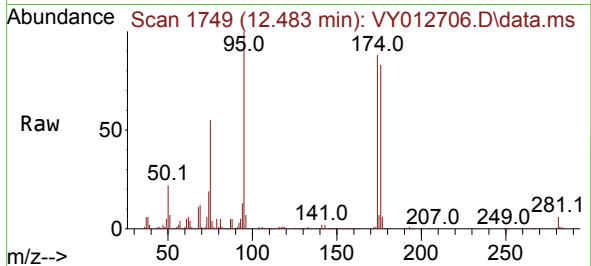




#76
1,2,3-Trichloropropane
Concen: 38.744 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012706.D
Acq: 23 Feb 2023 14:17

Instrument :
MSVOA_Y
ClientSampleId :
WC-D2

Tgt Ion: 75 Resp: 61670
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.079 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012706.D
Acq: 23 Feb 2023 14:17

Tgt Ion: 75 Resp: 61670
Ion Ratio Lower Upper
75 100
53 0.1 80.4 120.6#
89 0.1 36.5 54.7#

