

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016310.D
 Acq On : 10 Nov 2023 17:36
 Operator : SY/MD
 Sample : 05379-11
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-5-VOC

Quant Time: Nov 10 22:23:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

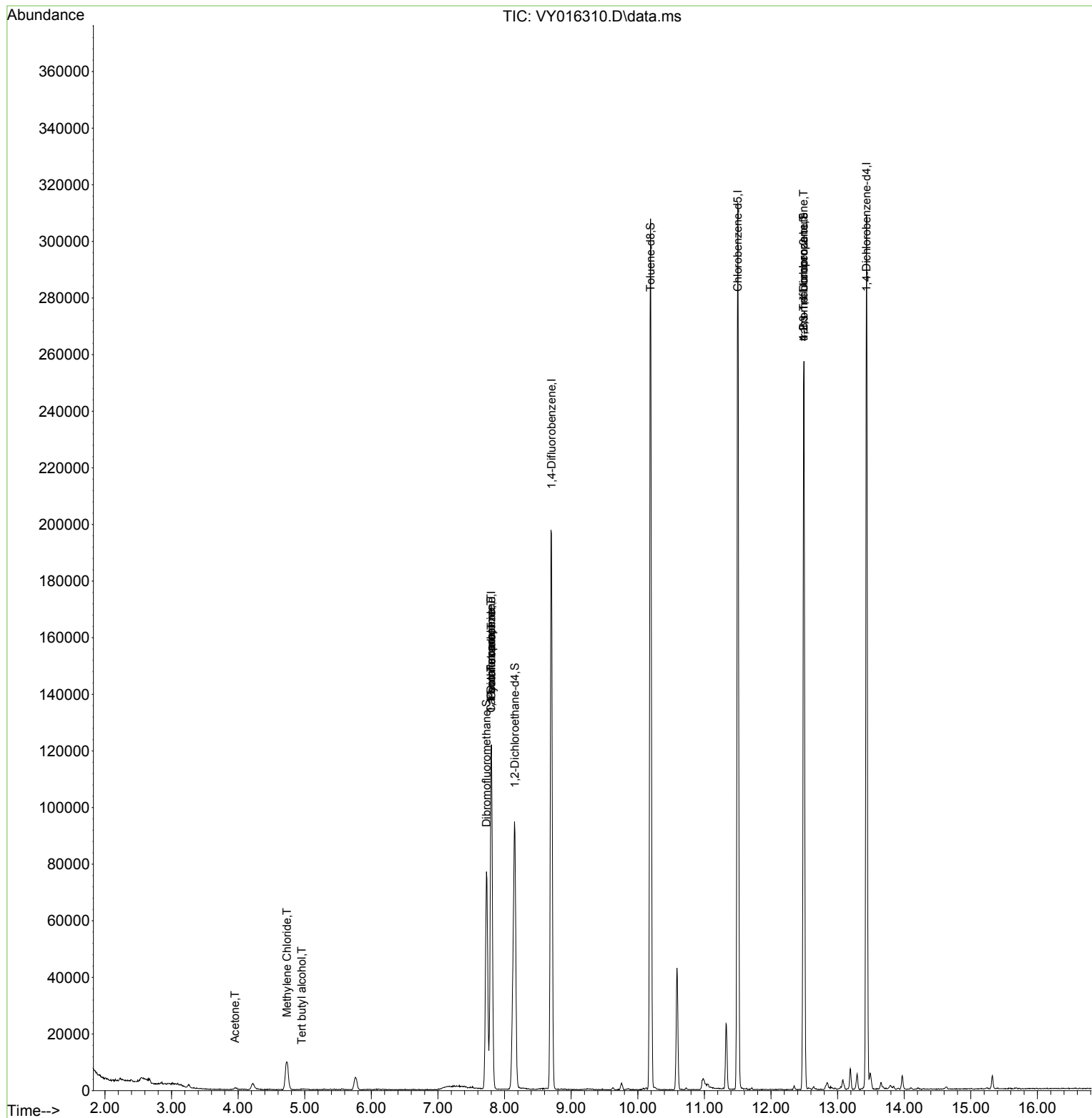
Internal Standards						
1) Pentafluorobenzene	7.801	168	96646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	174942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	168920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	80104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	63959	72.409	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.820%	
35) Dibromofluoromethane	7.728	113	55158	55.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.000%	
50) Toluene-d8	10.191	98	206193	51.165	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.320%	
62) 4-Bromofluorobenzene	12.489	95	72830	55.643	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	335	4.843	ug/l #	89
16) Acetone	3.954	43	1255	8.589	ug/l #	86
20) Methylene Chloride	4.735	84	8203	4.801	ug/l #	82
31) Cyclohexane	7.801	56	1955	1.124	ug/l #	20
36) 1,1-Dichloropropene	7.795	75	7361	4.266	ug/l #	50
38) Carbon Tetrachloride	7.795	117	9618	5.370	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	38239	49.763	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	38239	108.014	ug/l #	11

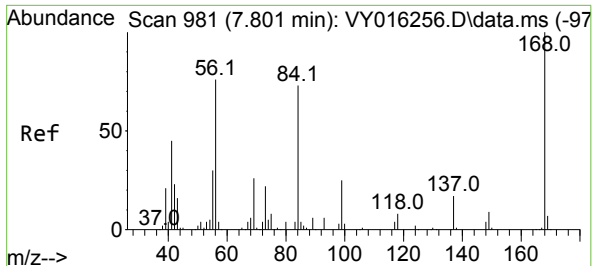
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
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Instrument :
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WC-5-VOC

Quant Time: Nov 10 22:23:20 2023
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Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

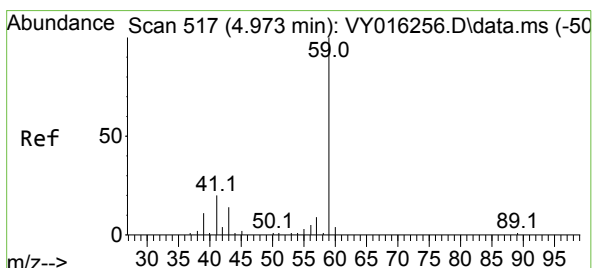
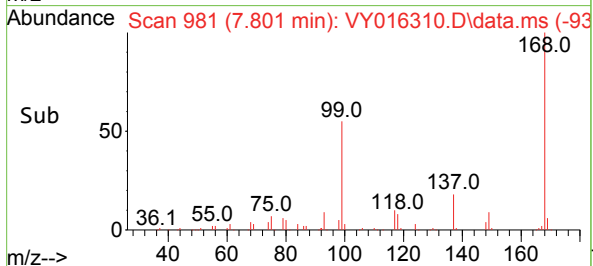
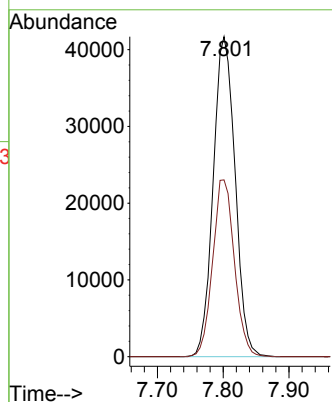
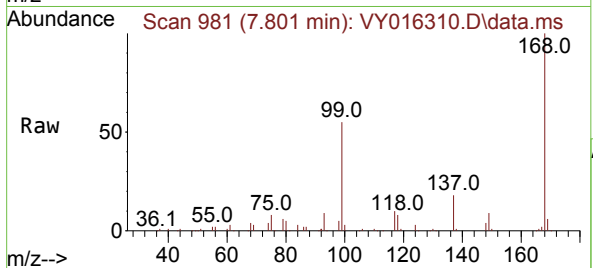




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016310.D
Acq: 10 Nov 2023 17:36

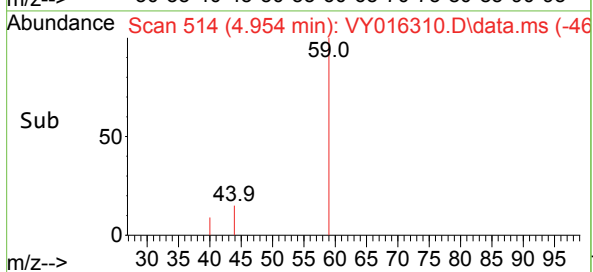
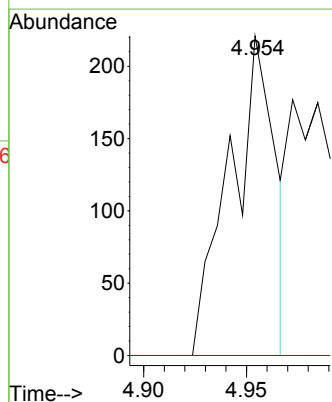
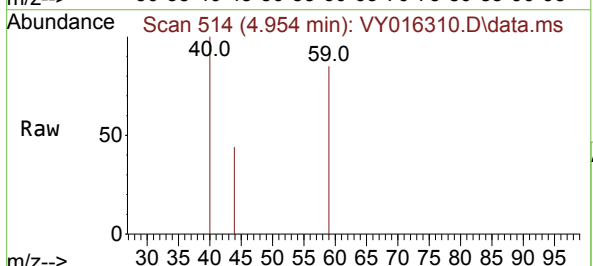
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-VOC

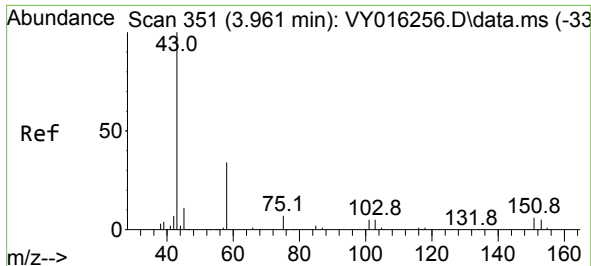
Tgt Ion:168 Resp: 96646
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#11
Tert butyl alcohol
Concen: 4.843 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY016310.D
Acq: 10 Nov 2023 17:36

Tgt Ion: 59 Resp: 335
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

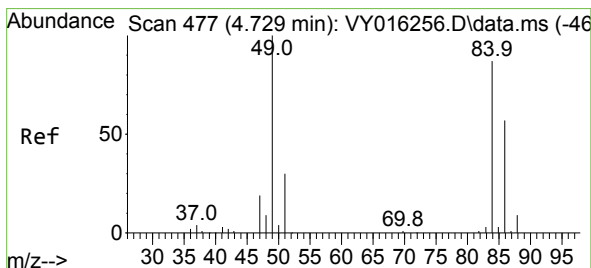
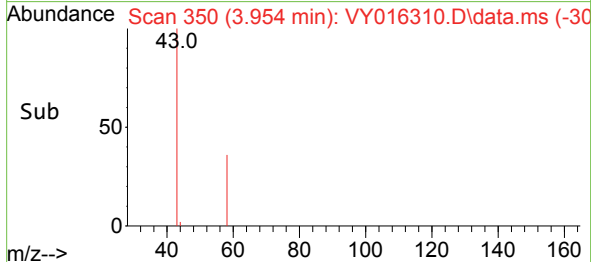
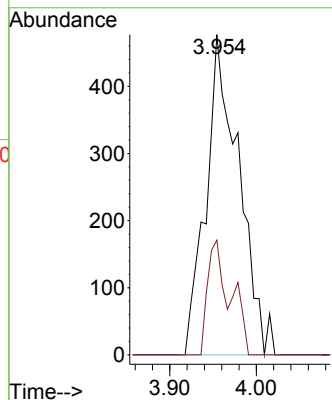
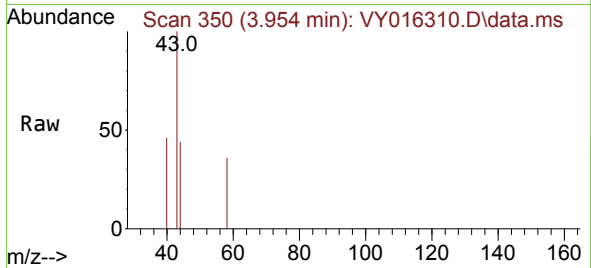




#16
Acetone
Concen: 8.589 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY016310.D
Acq: 10 Nov 2023 17:36

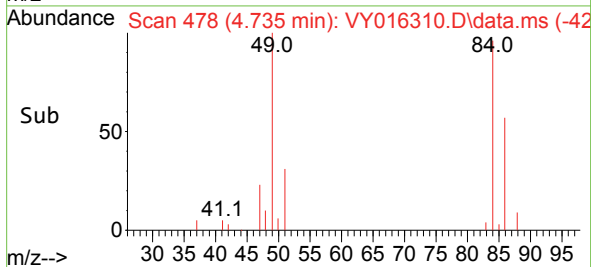
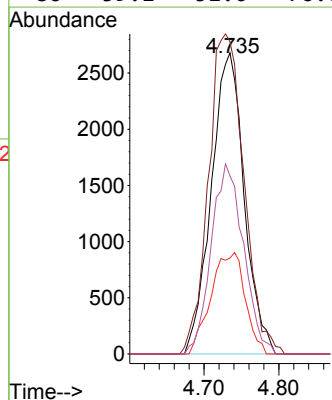
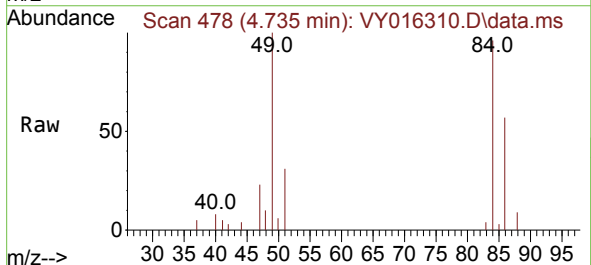
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-VOC

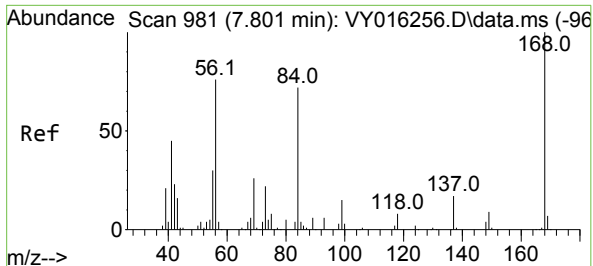
Tgt Ion: 43 Resp: 1255
Ion Ratio Lower Upper
43 100
58 35.8 22.7 34.1#



#20
Methylene Chloride
Concen: 4.801 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY016310.D
Acq: 10 Nov 2023 17:36

Tgt Ion: 84 Resp: 8203
Ion Ratio Lower Upper
84 100
49 103.7 106.9 160.3#
51 31.8 33.2 49.8#
86 59.1 51.0 76.6

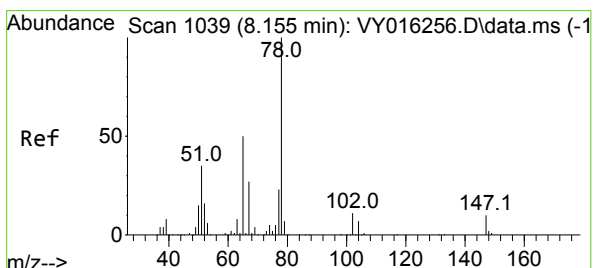
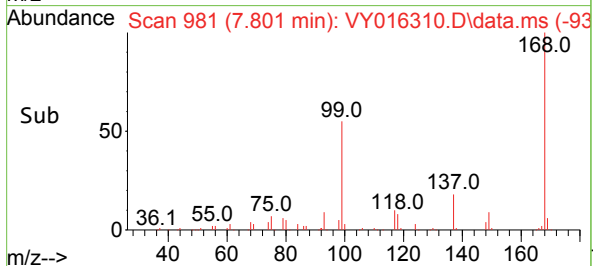
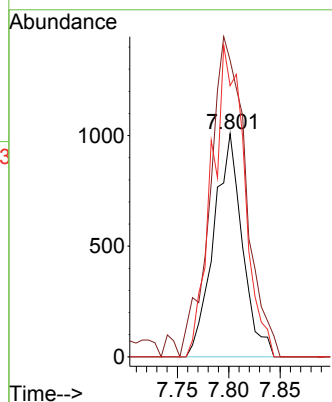
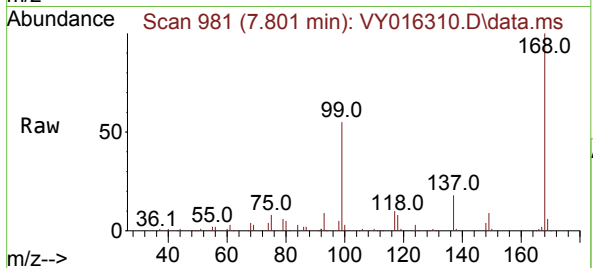




#31
Cyclohexane
Concen: 1.124 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016310.D
Acq: 10 Nov 2023 17:36

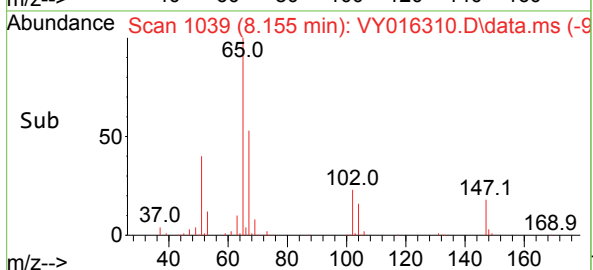
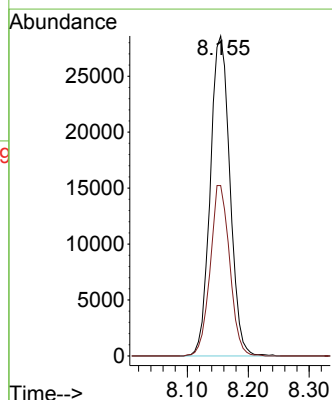
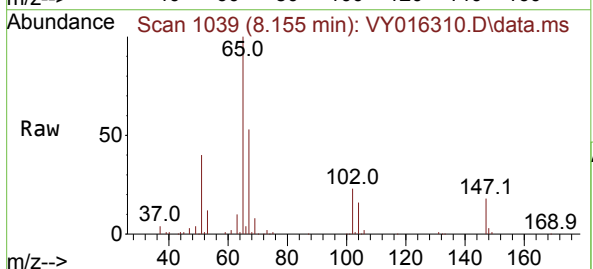
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-VOC

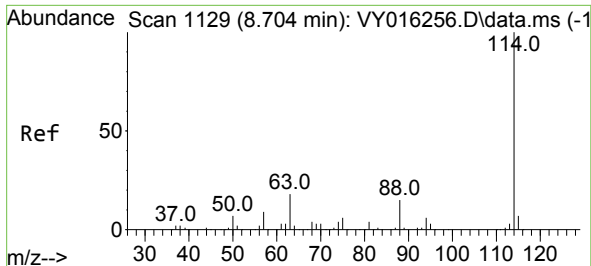
Tgt Ion: 56 Resp: 1955
Ion Ratio Lower Upper
56 100
69 132.8 27.8 41.6#
84 121.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 72.409 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016310.D
Acq: 10 Nov 2023 17:36

Tgt Ion: 65 Resp: 63959
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016310.D

Acq: 10 Nov 2023 17:36

Instrument :

MSVOA_Y

ClientSampleId :

WC-5-VOC

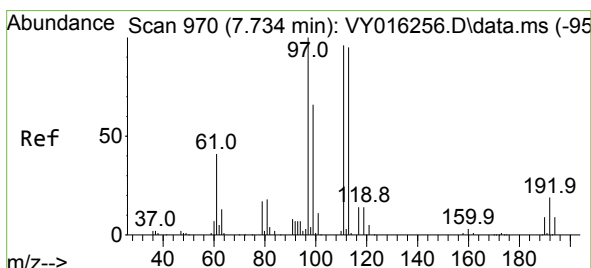
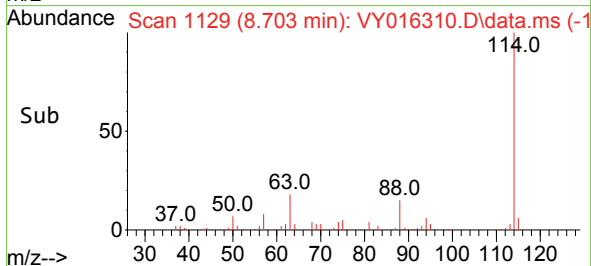
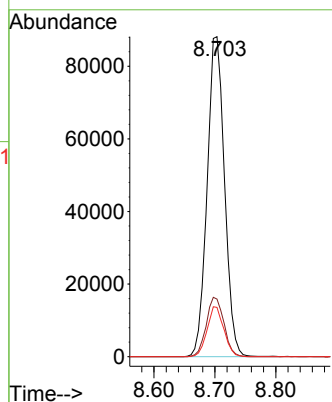
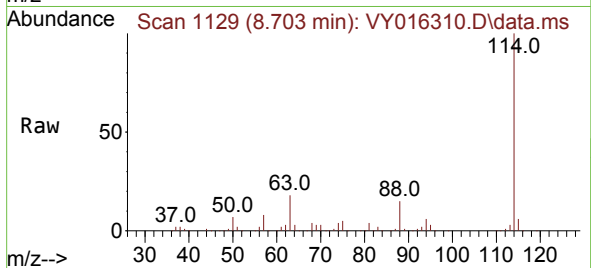
Tgt Ion:114 Resp: 174942

Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.503 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016310.D

Acq: 10 Nov 2023 17:36

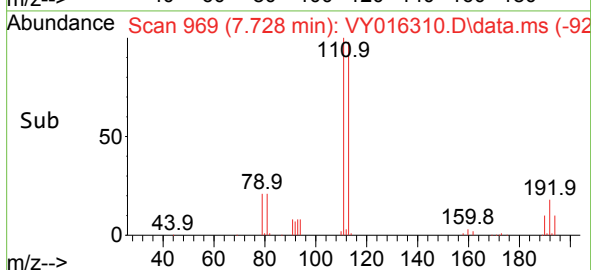
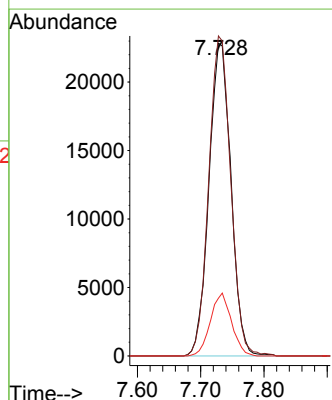
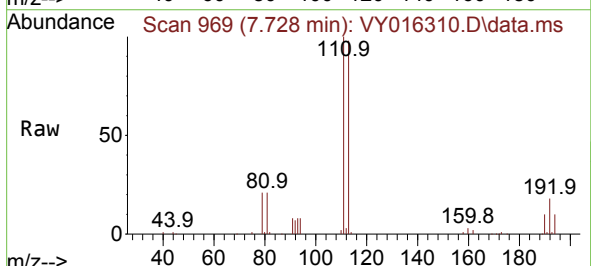
Tgt Ion:113 Resp: 55158

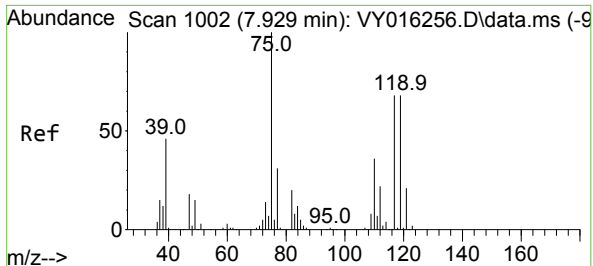
Ion Ratio Lower Upper

113 100

111 102.0 81.3 121.9

192 19.3 16.9 25.3

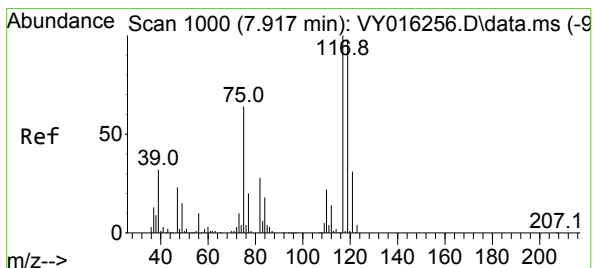
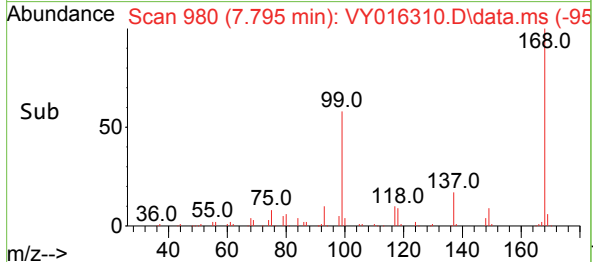
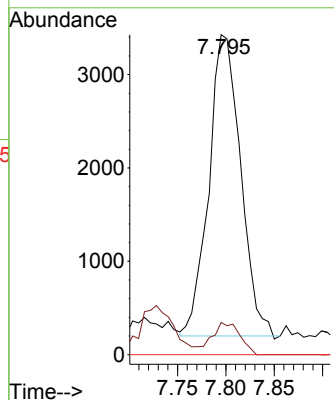
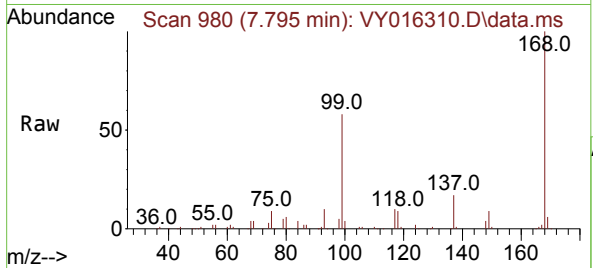




#36
1,1-Dichloropropene
Concen: 4.266 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY016310.D
Acq: 10 Nov 2023 17:36

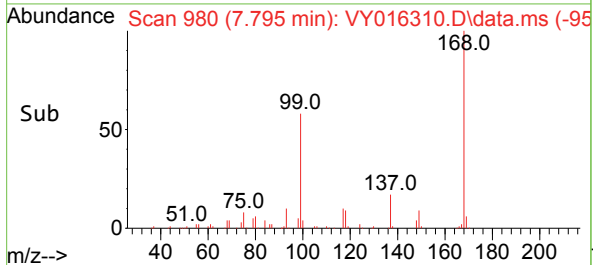
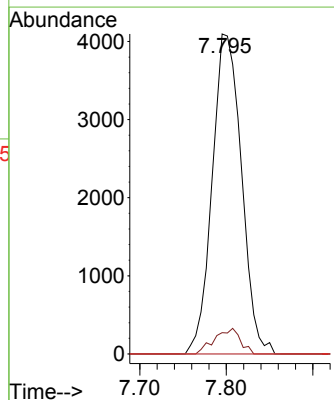
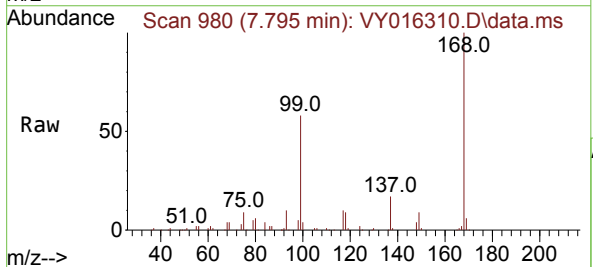
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-VOC

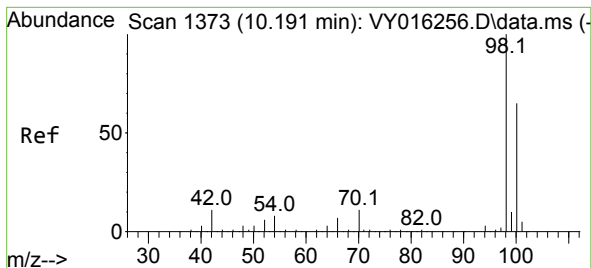
Tgt Ion: 75 Resp: 7361
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.370 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY016310.D
Acq: 10 Nov 2023 17:36

Tgt Ion: 117 Resp: 9618
Ion Ratio Lower Upper
117 100
119 6.7 76.4 114.6#
121 0.0 25.8 38.6#

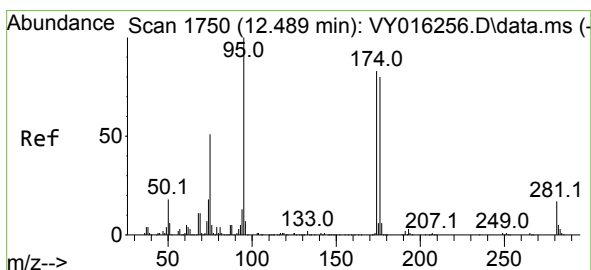
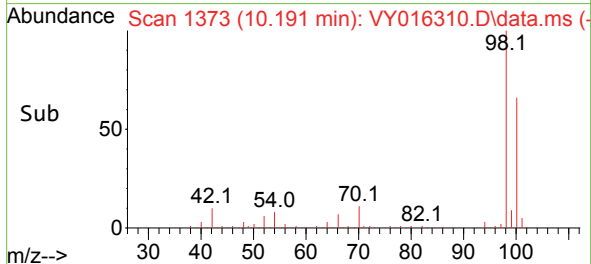
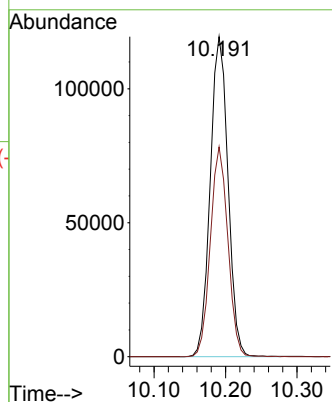
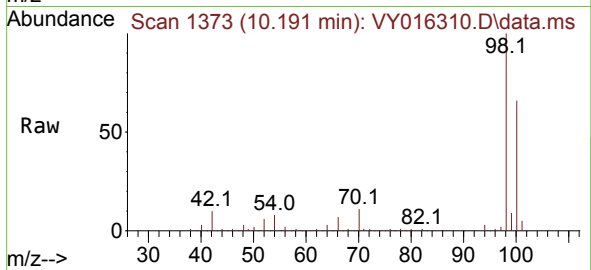




#50
Toluene-d8
Concen: 51.165 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016310.D
Acq: 10 Nov 2023 17:36

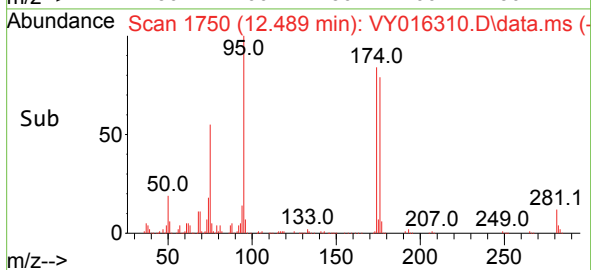
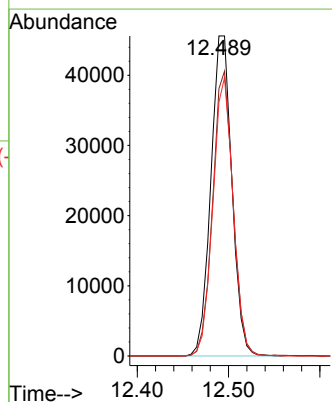
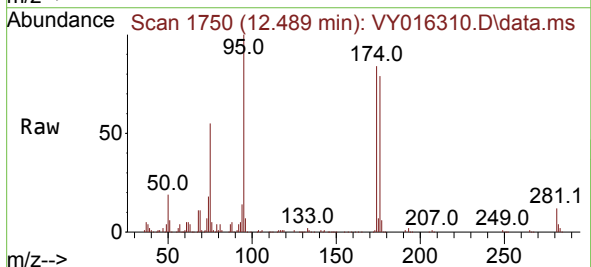
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MSVOA_Y
ClientSampleId :
WC-5-VOC

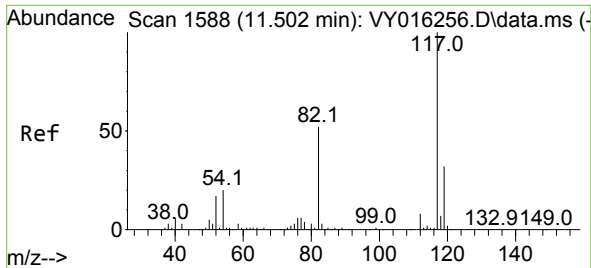
Tgt Ion: 98 Resp: 206193
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 55.643 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016310.D
Acq: 10 Nov 2023 17:36

Tgt Ion: 95 Resp: 72830
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 83.8 0.0 173.8

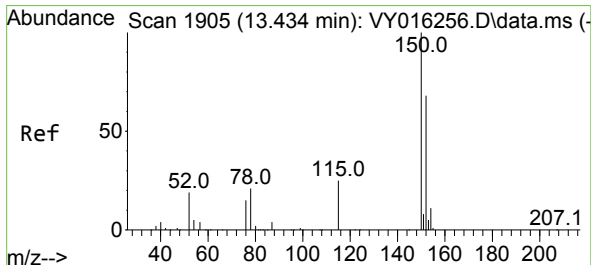
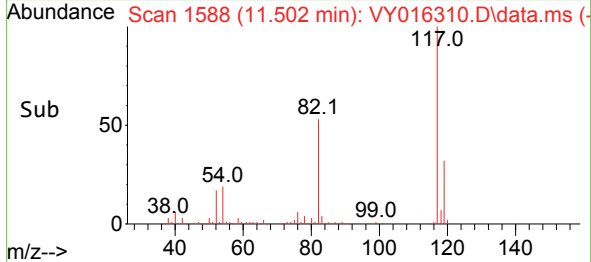
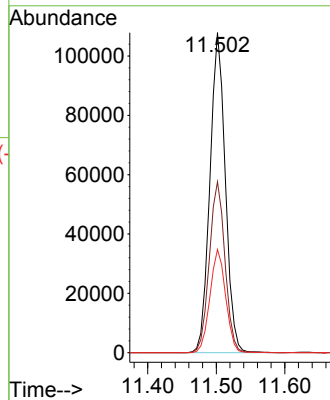
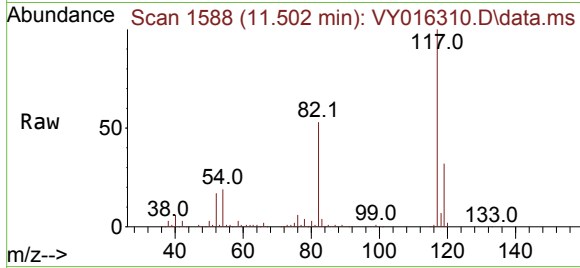




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016310.D
Acq: 10 Nov 2023 17:36

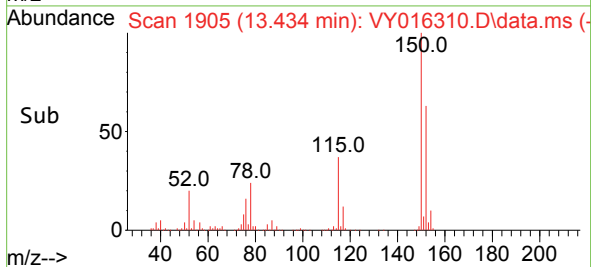
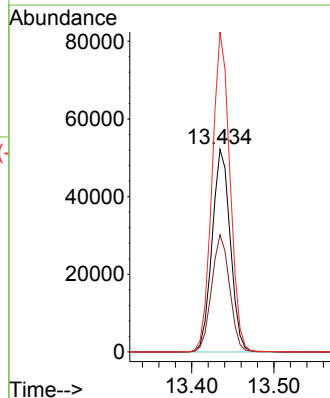
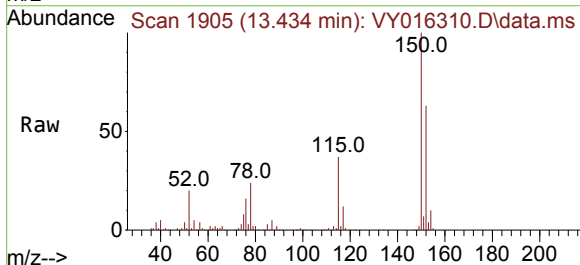
Instrument :
MSVOA_Y
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WC-5-VOC

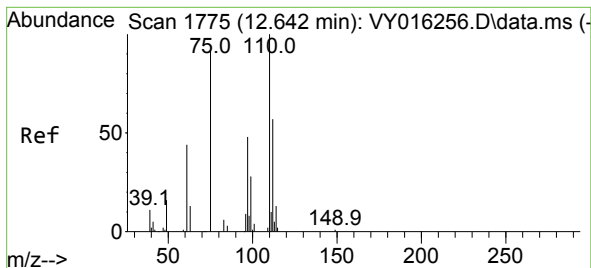
Tgt Ion:117 Resp: 168920
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016310.D
Acq: 10 Nov 2023 17:36

Tgt Ion:152 Resp: 80104
Ion Ratio Lower Upper
152 100
115 57.4 28.8 86.5
150 155.2 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 49.763 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY016310.D

Acq: 10 Nov 2023 17:36

Instrument :

MSVOA_Y

ClientSampleId :

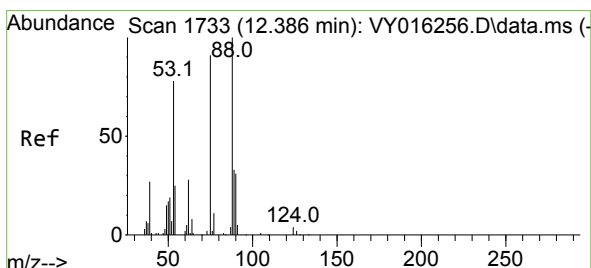
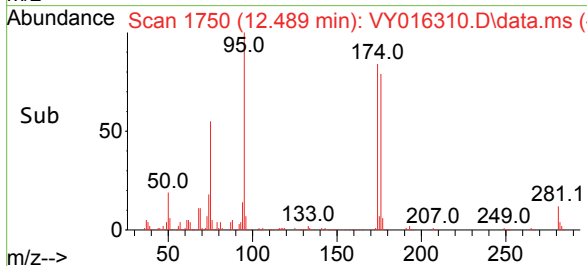
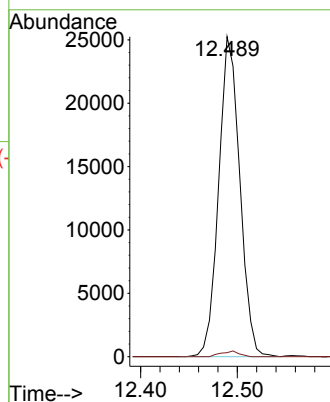
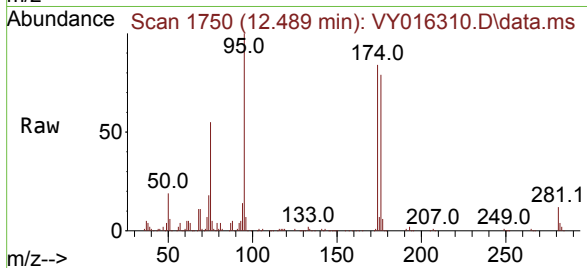
WC-5-VOC

Tgt Ion: 75 Resp: 38239

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 108.014 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY016310.D

Acq: 10 Nov 2023 17:36

Tgt Ion: 75 Resp: 38239

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.1 37.4 56.0#

