

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016312.D
 Acq On : 10 Nov 2023 18:23
 Operator : SY/MD
 Sample : 05380-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-8-VOC

Quant Time: Nov 10 22:24:03 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)

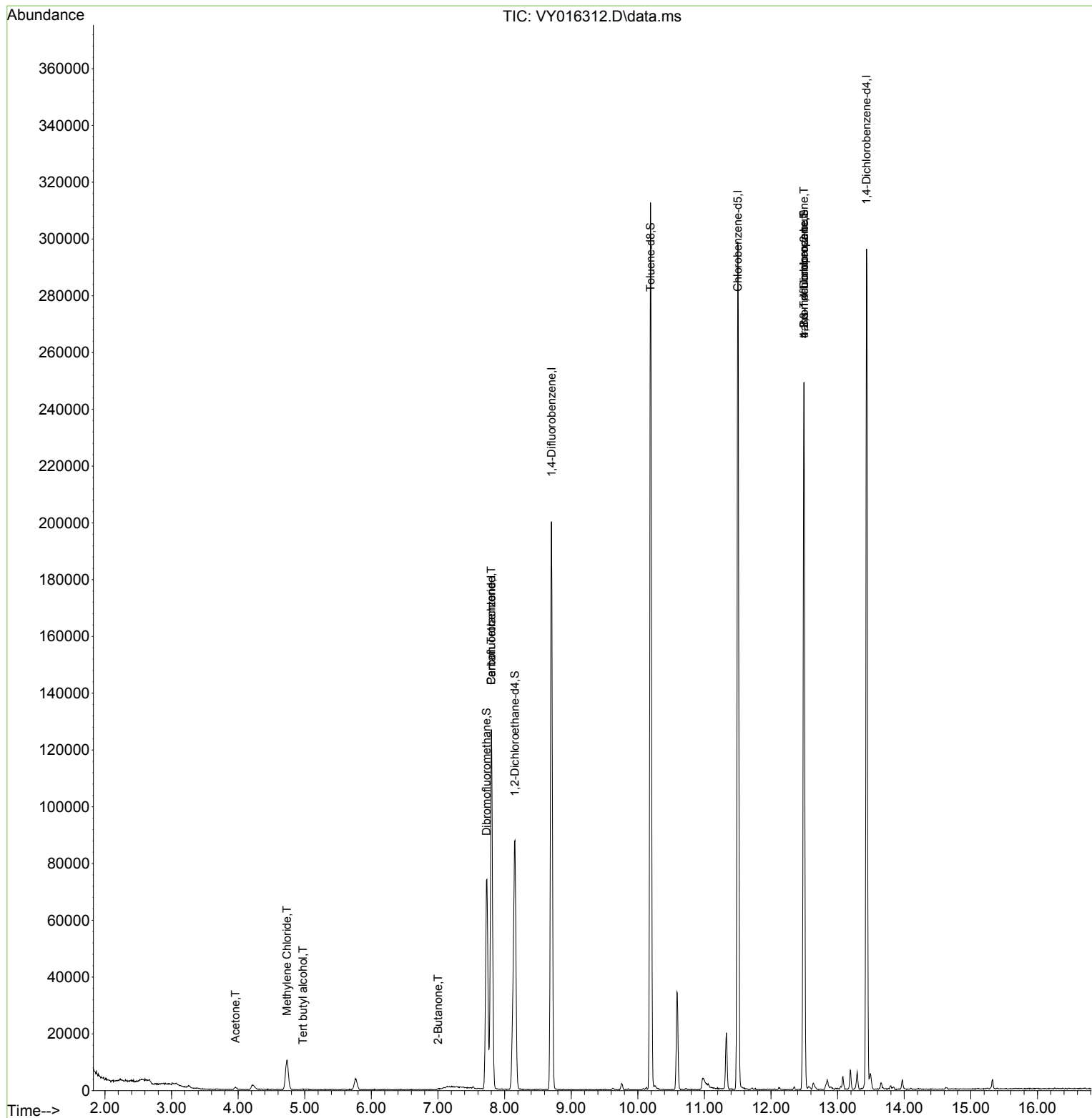
Internal Standards						
1) Pentafluorobenzene	7.801	168	96104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	174696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	167290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	61807	70.367	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.740%	
35) Dibromofluoromethane	7.728	113	54727	55.147	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.300%	
50) Toluene-d8	10.191	98	205856	51.153	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.300%	
62) 4-Bromofluorobenzene	12.495	95	72466	55.443	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.880%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	275	3.998	ug/l #	89
16) Acetone	3.960	43	1498	10.310	ug/l	96
20) Methylene Chloride	4.734	84	8321	4.973	ug/l	87
25) 2-Butanone	7.002	43	563	2.212	ug/l #	18
38) Carbon Tetrachloride	7.801	117	9809	5.485	ug/l #	15
76) 1,2,3-Trichloropropane	12.495	75	37373	49.766	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	37373	108.022	ug/l #	11

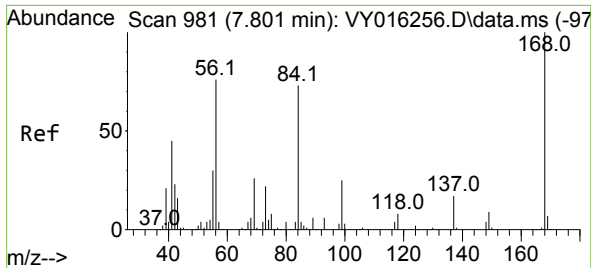
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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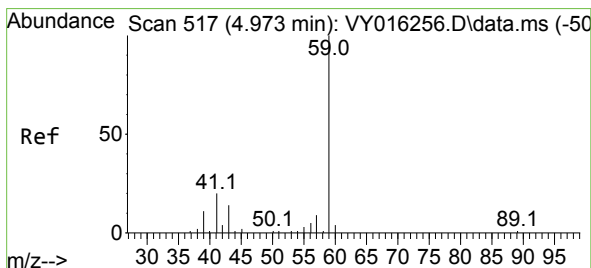
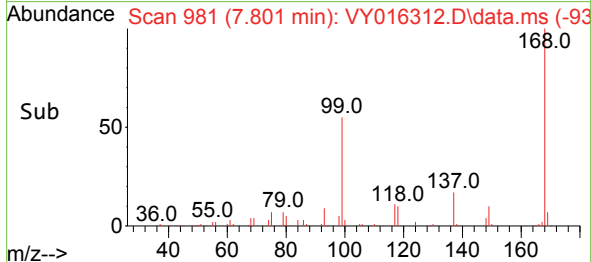
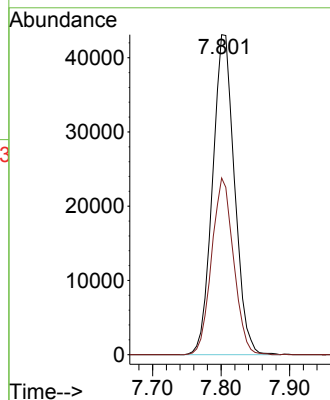
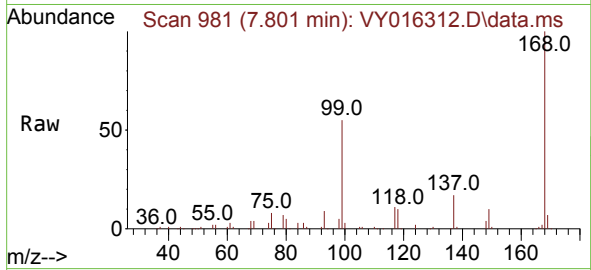




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016312.D
Acq: 10 Nov 2023 18:23

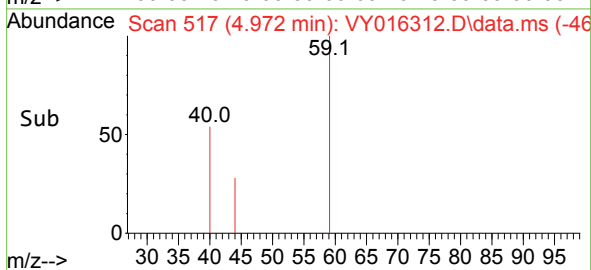
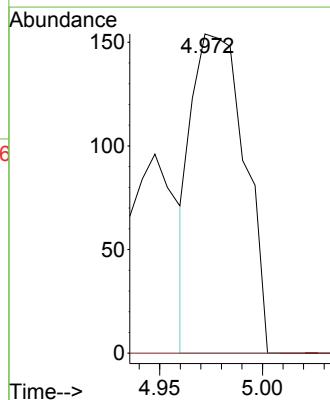
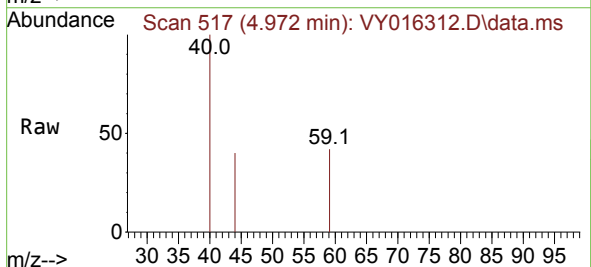
Instrument :
MSVOA_Y
ClientSampleId :
WC-8-VOC

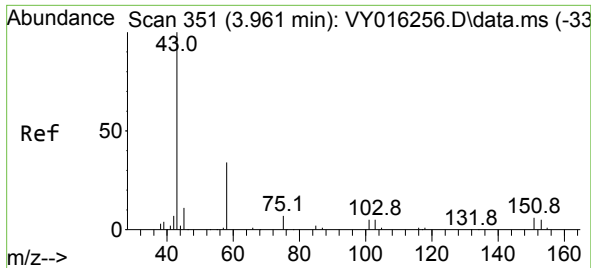
Tgt Ion:168 Resp: 96104
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#11
Tert butyl alcohol
Concen: 3.998 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.001 min
Lab File: VY016312.D
Acq: 10 Nov 2023 18:23

Tgt Ion: 59 Resp: 275
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

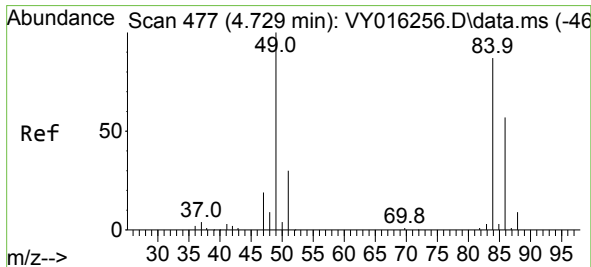
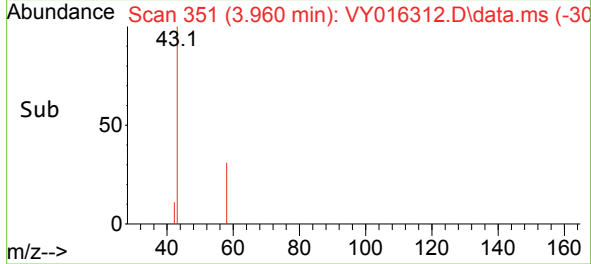
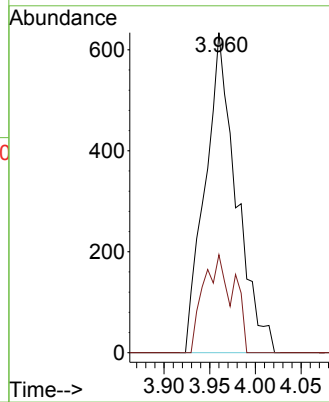
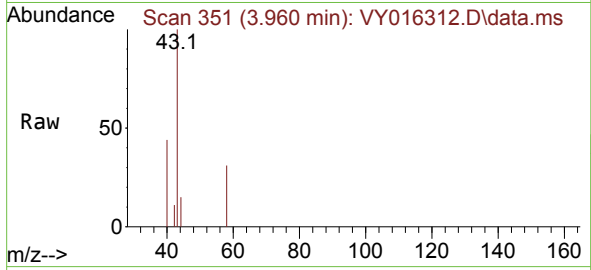




#16
Acetone
Concen: 10.310 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.001 min
Lab File: VY016312.D
Acq: 10 Nov 2023 18:23

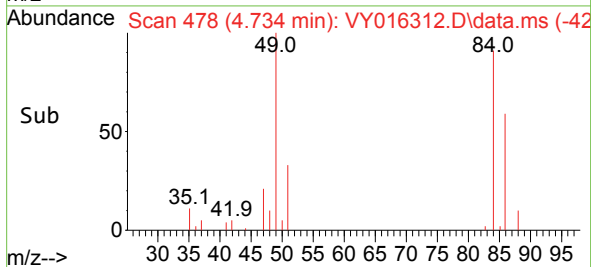
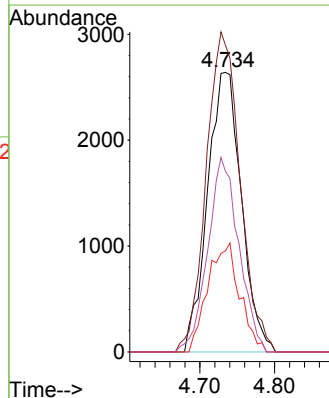
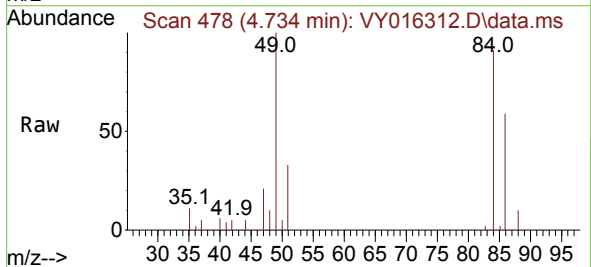
Instrument :
MSVOA_Y
ClientSampleId :
WC-8-VOC

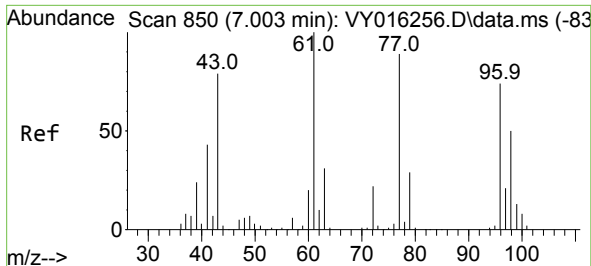
Tgt Ion: 43 Resp: 1498
Ion Ratio Lower Upper
43 100
58 30.6 22.7 34.1



#20
Methylene Chloride
Concen: 4.973 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY016312.D
Acq: 10 Nov 2023 18:23

Tgt Ion: 84 Resp: 8321
Ion Ratio Lower Upper
84 100
49 109.7 106.9 160.3
51 36.2 33.2 49.8
86 64.6 51.0 76.6





#25

2-Butanone

Concen: 2.212 ug/l

RT: 7.002 min Scan# 81

Delta R.T. -0.001 min

Lab File: VY016312.D

Acq: 10 Nov 2023 18:23

Instrument :

MSVOA_Y

ClientSampleId :

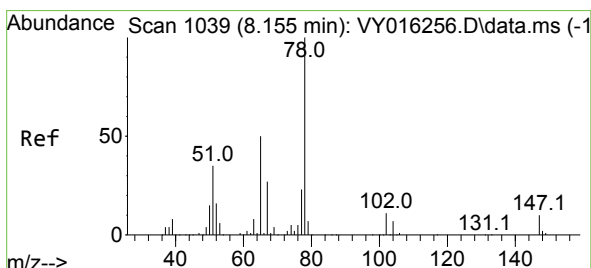
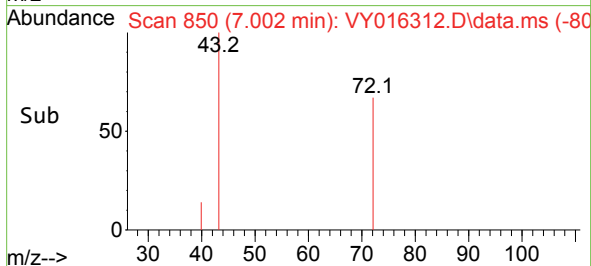
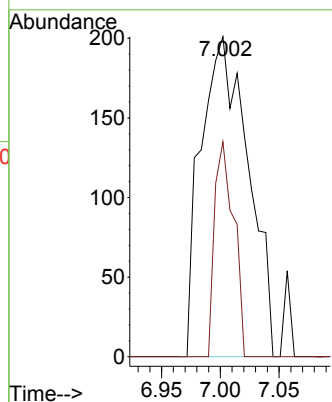
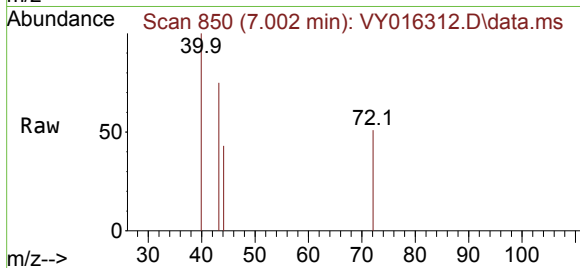
WC-8-VOC

Tgt Ion: 43 Resp: 563

Ion Ratio Lower Upper

43 100

72 67.2 20.5 30.7#



#33

1,2-Dichloroethane-d4

Concen: 70.367 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.001 min

Lab File: VY016312.D

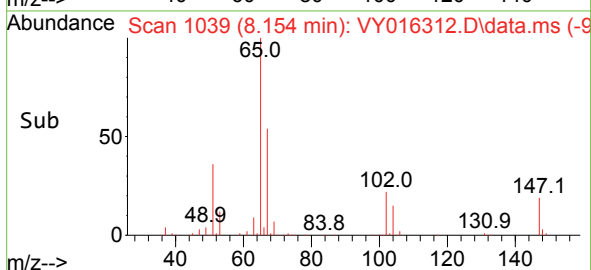
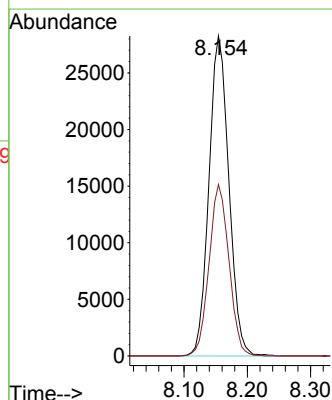
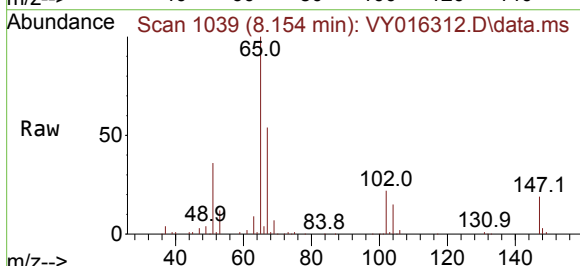
Acq: 10 Nov 2023 18:23

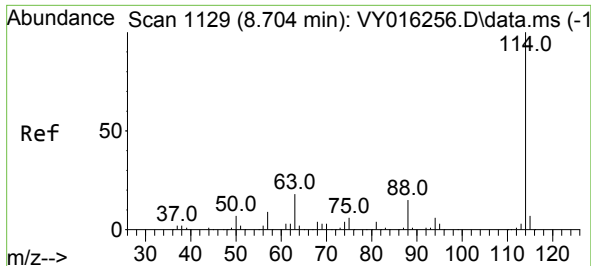
Tgt Ion: 65 Resp: 61807

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.001 min

Lab File: VY016312.D

Acq: 10 Nov 2023 18:23

Instrument :

MSVOA_Y

ClientSampleId :

WC-8-VOC

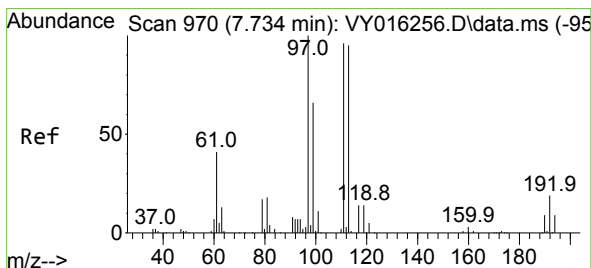
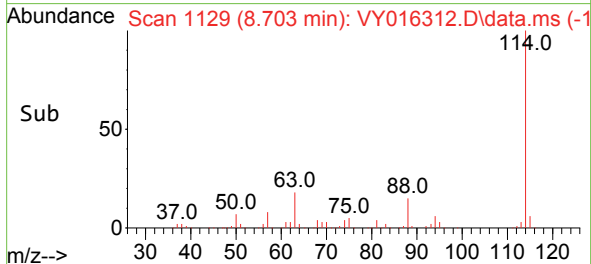
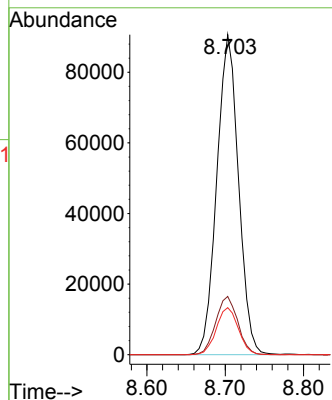
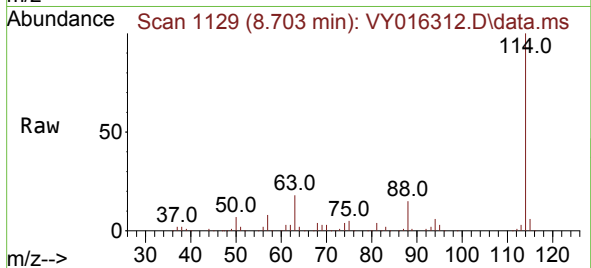
Tgt Ion:114 Resp: 174696

Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.147 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.007 min

Lab File: VY016312.D

Acq: 10 Nov 2023 18:23

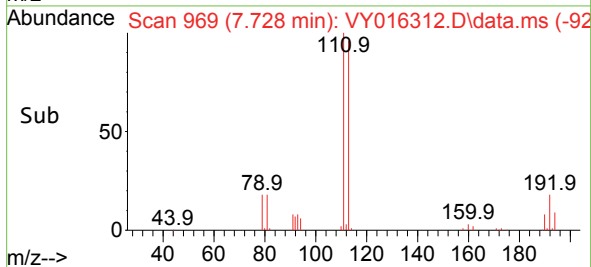
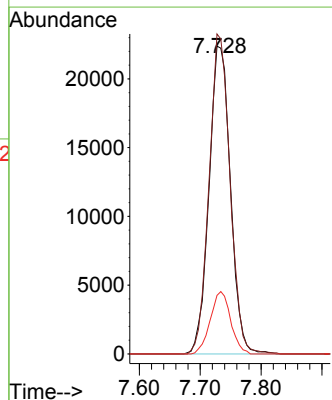
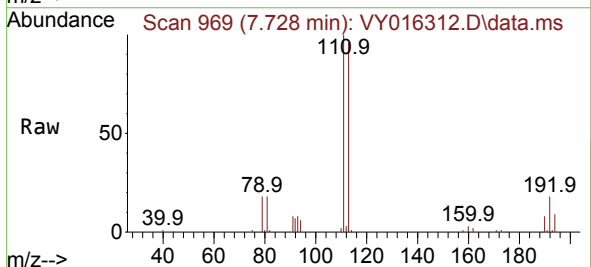
Tgt Ion:113 Resp: 54727

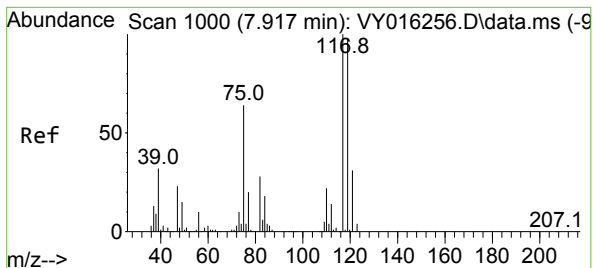
Ion Ratio Lower Upper

113 100

111 101.5 81.3 121.9

192 19.3 16.9 25.3





#38

Carbon Tetrachloride

Concen: 5.485 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.116 min

Lab File: VY016312.D

Acq: 10 Nov 2023 18:23

Instrument :

MSVOA_Y

ClientSampleId :

WC-8-VOC

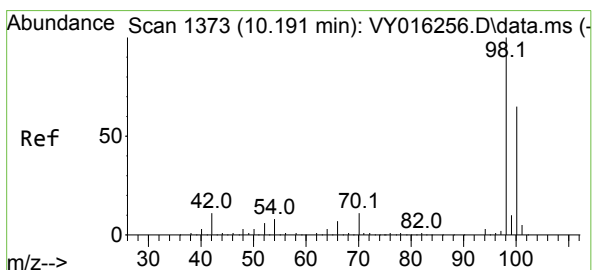
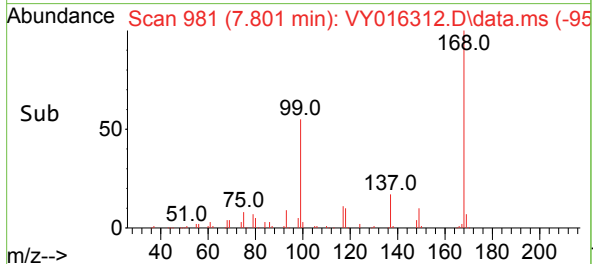
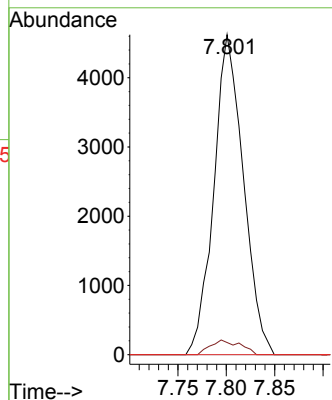
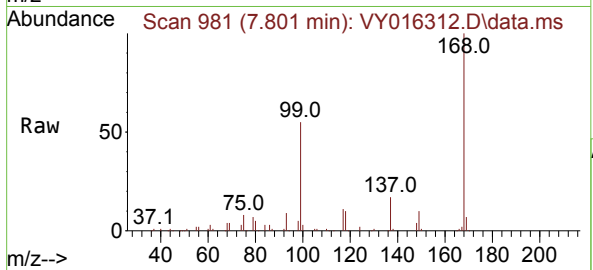
Tgt Ion:117 Resp: 9809

Ion Ratio Lower Upper

117 100

119 3.8 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 51.153 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.001 min

Lab File: VY016312.D

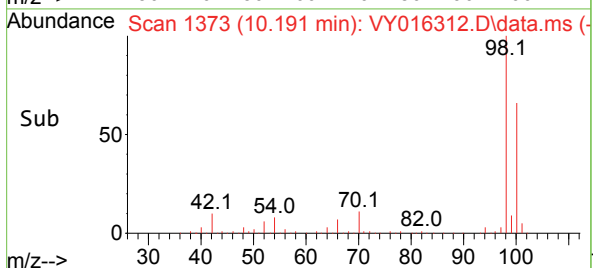
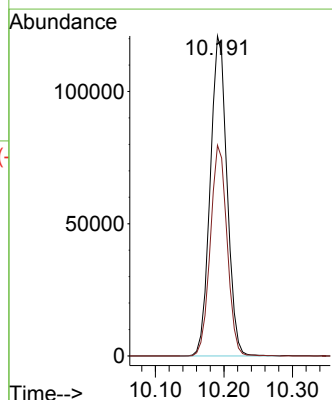
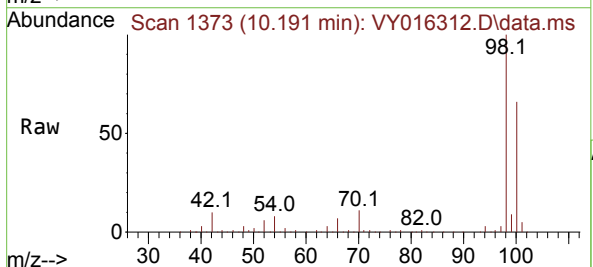
Acq: 10 Nov 2023 18:23

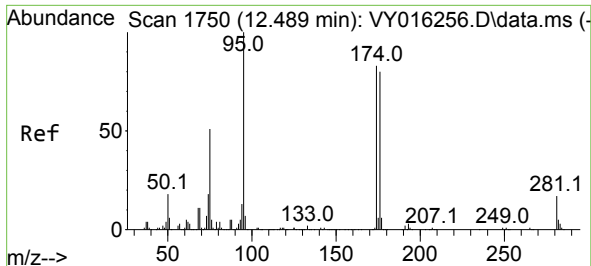
Tgt Ion: 98 Resp: 205856

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1

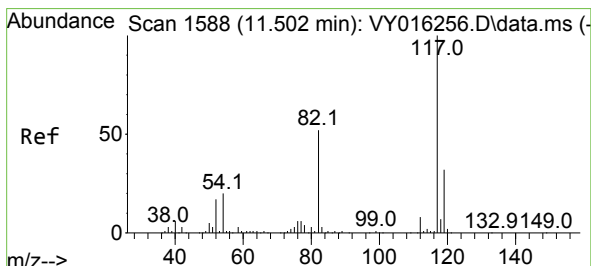
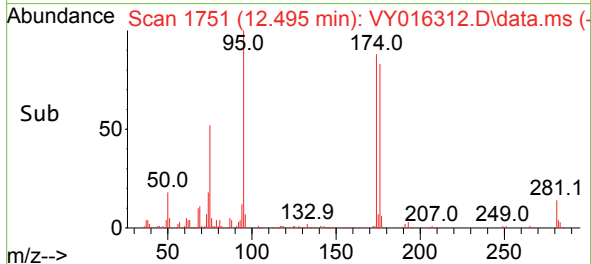
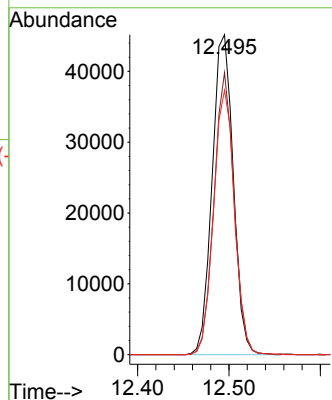
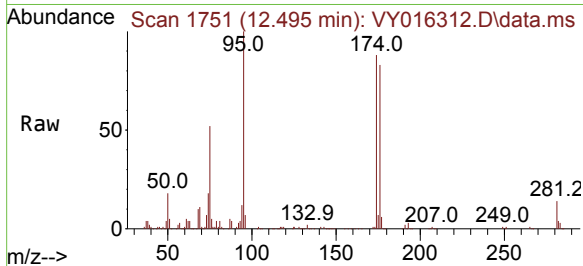




#62
4-Bromofluorobenzene
Concen: 55.443 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016312.D
Acq: 10 Nov 2023 18:23

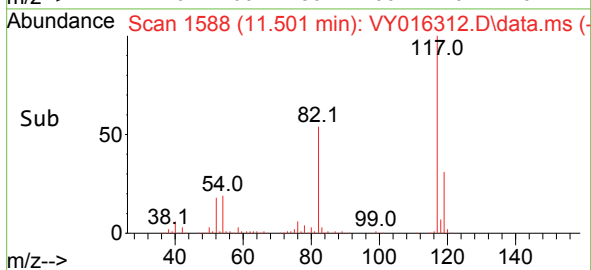
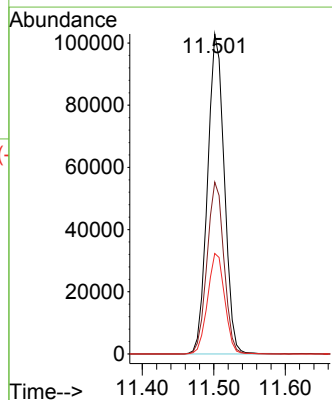
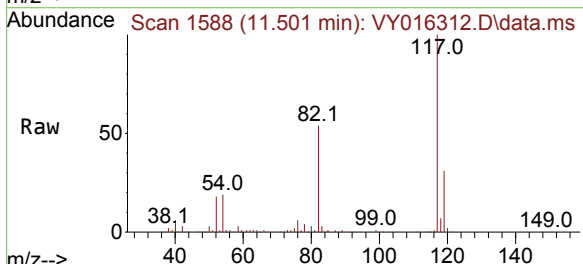
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WC-8-VOC

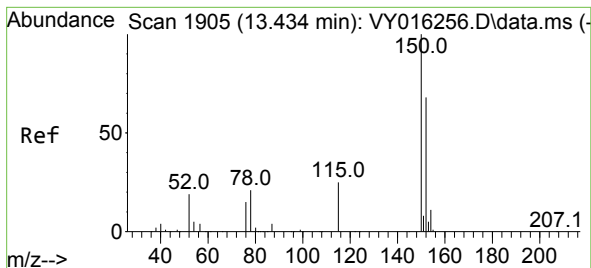
Tgt Ion: 95 Resp: 72466
Ion Ratio Lower Upper
95 100
174 84.4 0.0 178.2
176 81.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. -0.001 min
Lab File: VY016312.D
Acq: 10 Nov 2023 18:23

Tgt Ion: 117 Resp: 167290
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 31.4 26.3 39.5

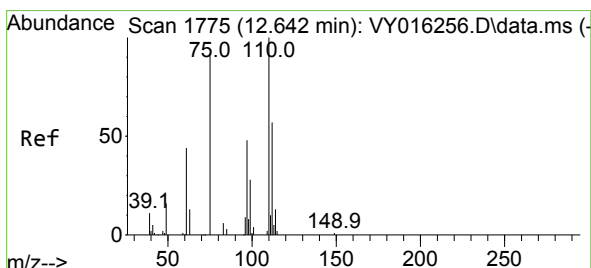
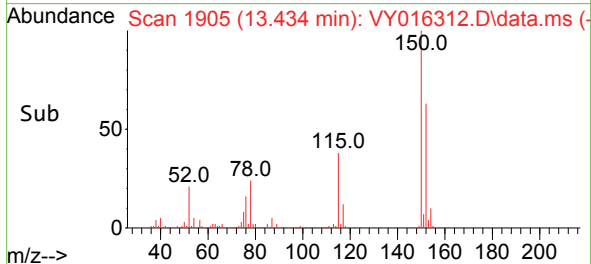
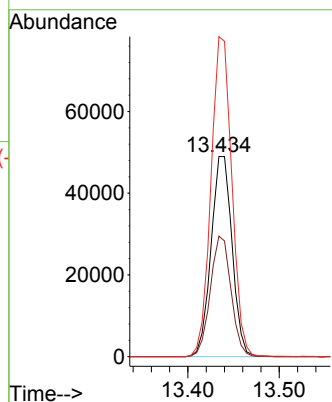
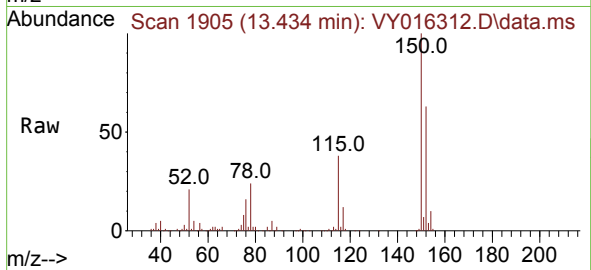




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.001 min
Lab File: VY016312.D
Acq: 10 Nov 2023 18:23

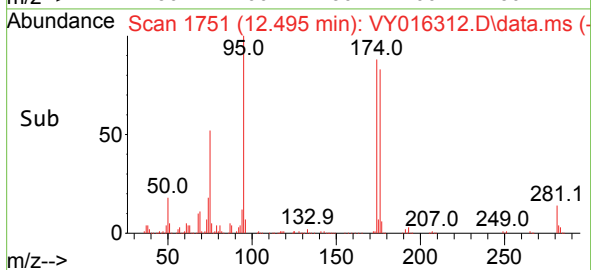
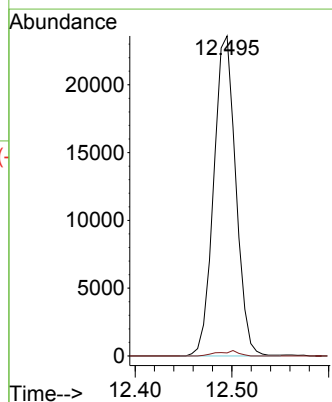
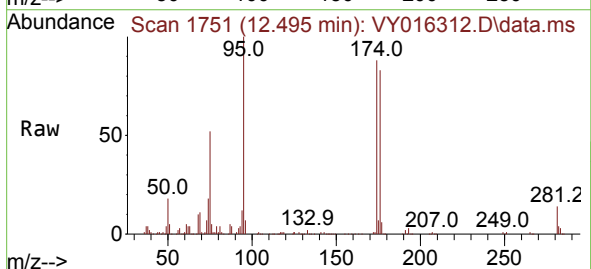
Instrument :
MSVOA_Y
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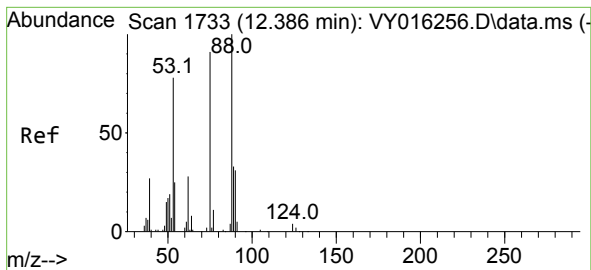
Tgt Ion:152 Resp: 78284
Ion Ratio Lower Upper
152 100
115 59.3 28.8 86.5
150 158.2 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 49.766 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY016312.D
Acq: 10 Nov 2023 18:23

Tgt Ion: 75 Resp: 37373
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.022 ug/l
 RT: 12.495 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY016312.D
 Acq: 10 Nov 2023 18:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-8-VOC

Tgt Ion: 75 Resp: 37373
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

