

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016308.D
 Acq On : 10 Nov 2023 16:49
 Operator : SY/MD
 Sample : 05379-03
 Misc : 4.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-9-VOC

Quant Time: Nov 10 22:22:38 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)

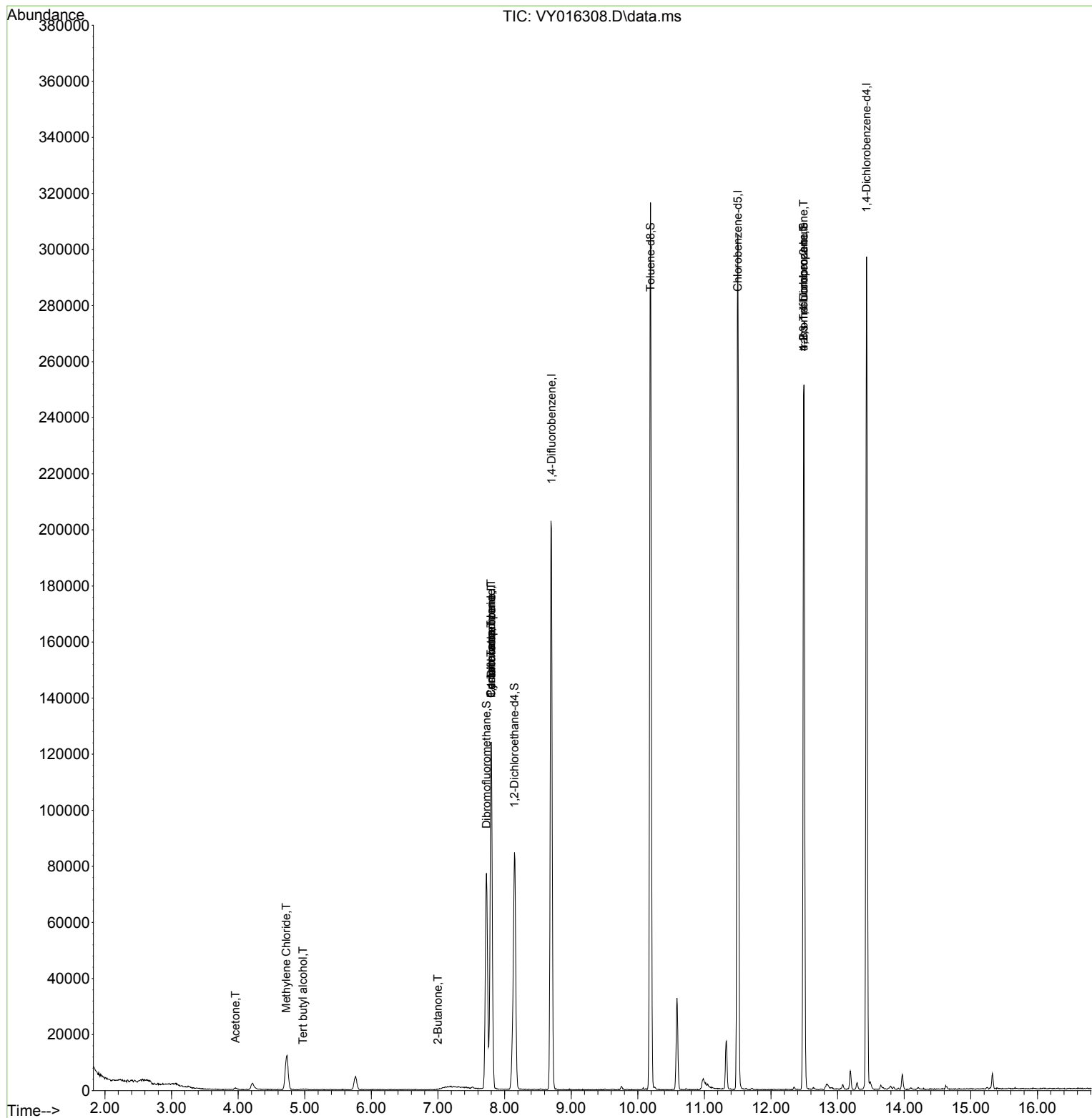
Internal Standards						
1) Pentafluorobenzene	7.801	168	99139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	180265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	171310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	77961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62435	68.906	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.820%	
35) Dibromofluoromethane	7.728	113	56239	54.920	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.840%	
50) Toluene-d8	10.191	98	211146	50.847	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.700%	
62) 4-Bromofluorobenzene	12.489	95	72619	53.843	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	441	6.215	ug/l #	89
16) Acetone	3.960	43	1149	7.666	ug/l #	64
20) Methylene Chloride	4.722	84	9929	6.338	ug/l #	76
25) 2-Butanone	6.996	43	305	1.162	ug/l #	49
31) Cyclohexane	7.795	56	1821	1.021	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	7483	4.208	ug/l #	51
38) Carbon Tetrachloride	7.795	117	9889	5.359	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	37532	50.185	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	37532	108.931	ug/l #	11

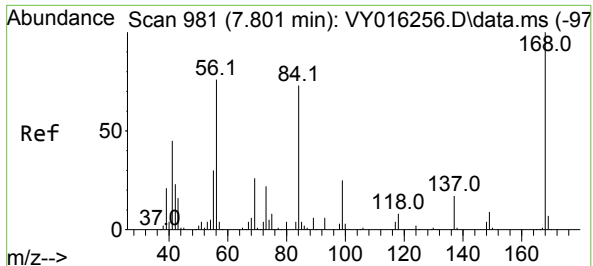
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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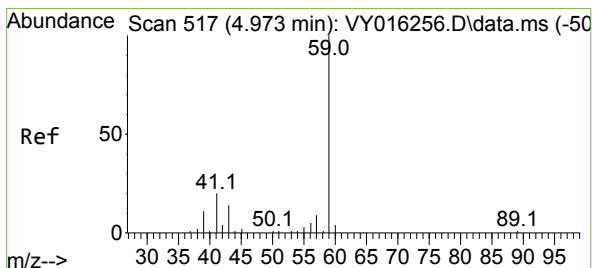
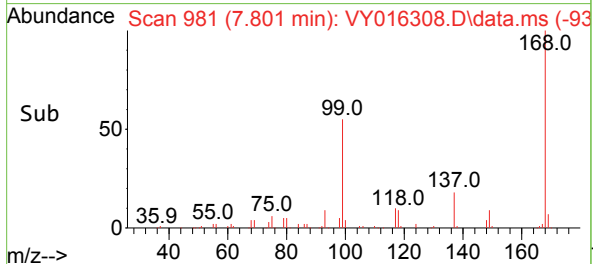
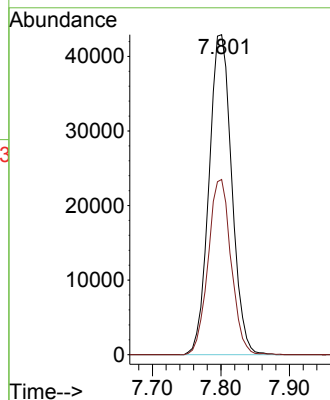
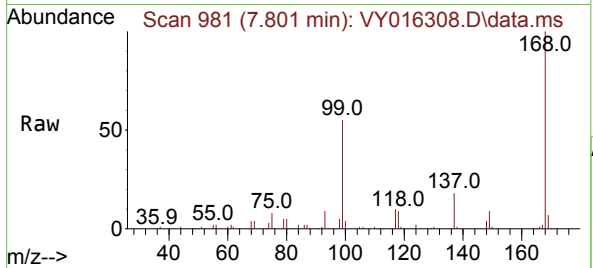




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016308.D
Acq: 10 Nov 2023 16:49

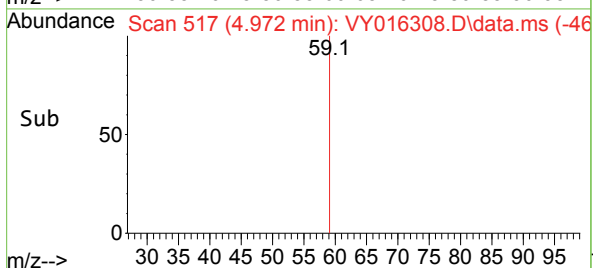
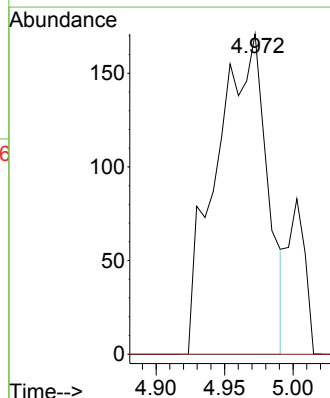
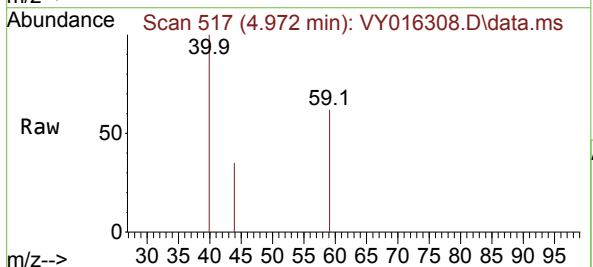
Instrument :
MSVOA_Y
ClientSampleId :
WC-9-VOC

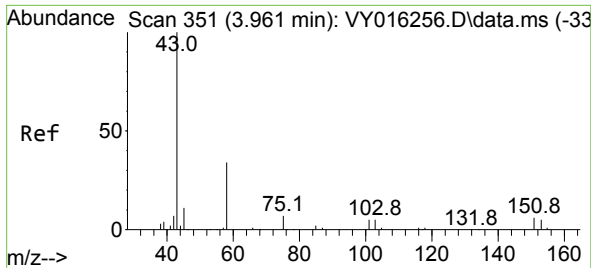
Tgt Ion:168 Resp: 99139
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#11
Tert butyl alcohol
Concen: 6.215 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY016308.D
Acq: 10 Nov 2023 16:49

Tgt Ion: 59 Resp: 441
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 7.666 ug/l

RT: 3.960 min Scan# 3

Delta R.T. -0.000 min

Lab File: VY016308.D

Acq: 10 Nov 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :

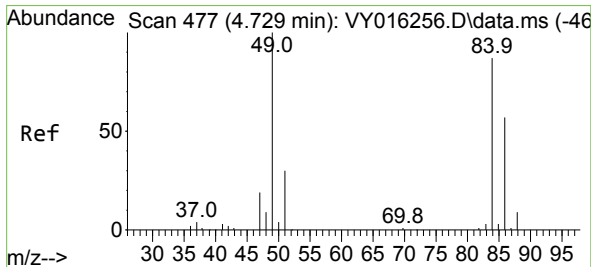
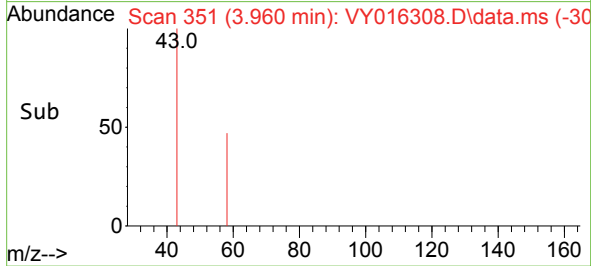
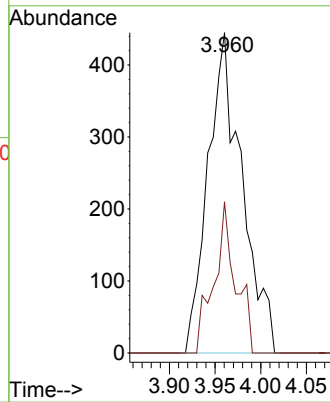
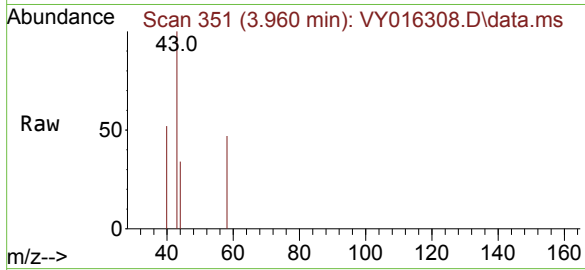
WC-9-VOC

Tgt Ion: 43 Resp: 1149

Ion Ratio Lower Upper

43 100

58 47.2 22.7 34.1#



#20

Methylene Chloride

Concen: 6.338 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

Lab File: VY016308.D

Acq: 10 Nov 2023 16:49

Tgt Ion: 84 Resp: 9929

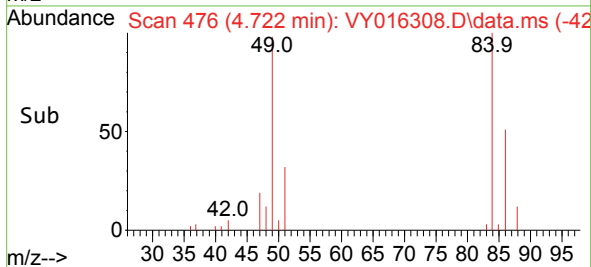
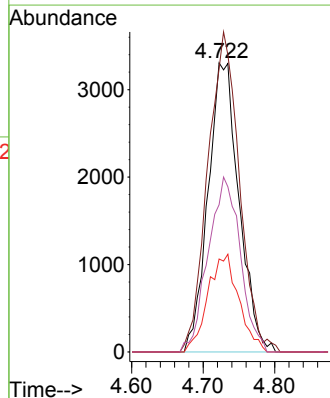
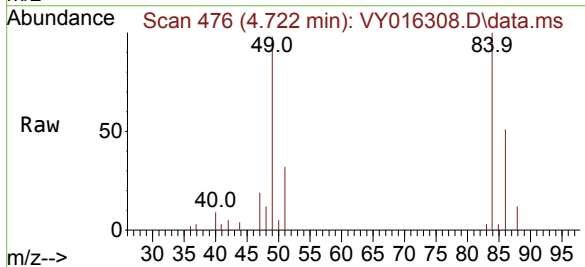
Ion Ratio Lower Upper

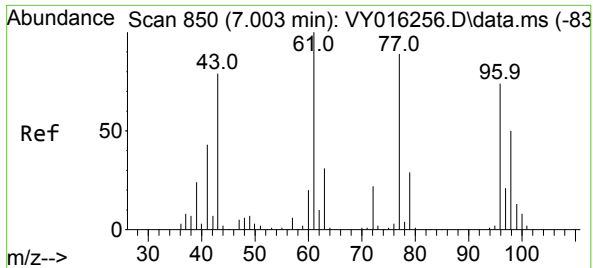
84 100

49 98.0 106.9 160.3#

51 32.2 33.2 49.8#

86 50.9 51.0 76.6#

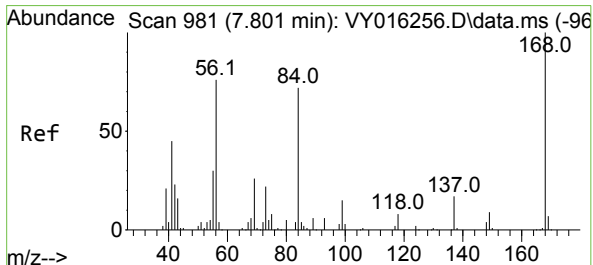
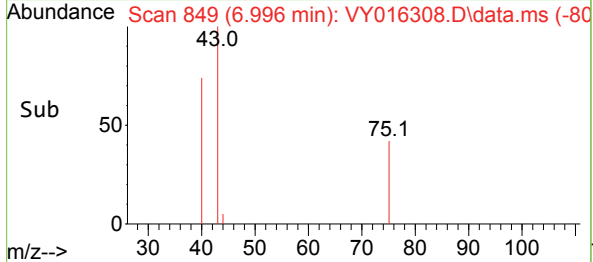
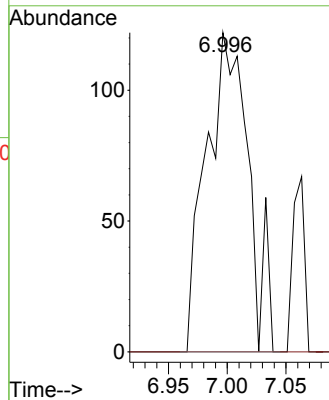
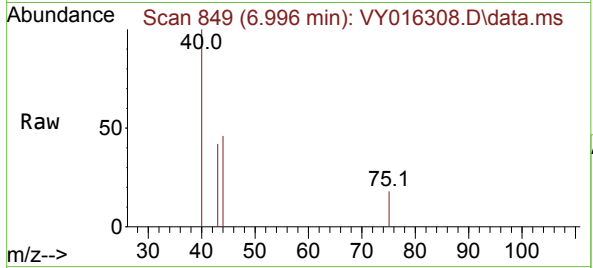




#25
2-Butanone
Concen: 1.162 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY016308.D
Acq: 10 Nov 2023 16:49

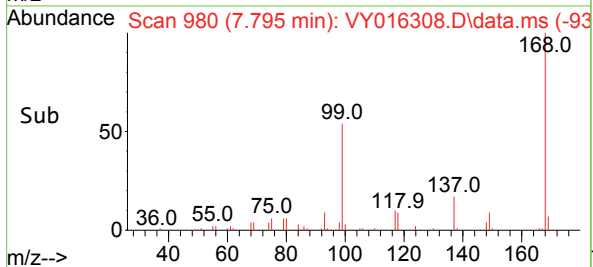
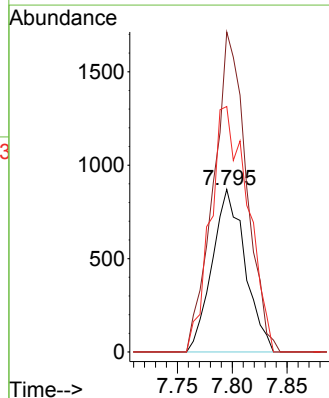
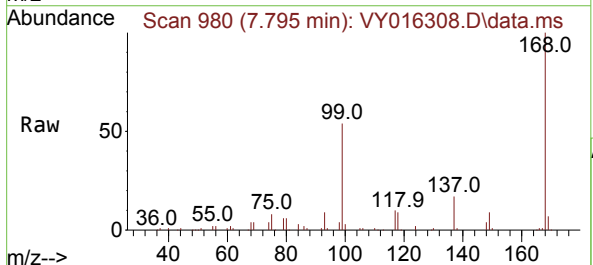
Instrument :
MSVOA_Y
ClientSampleId :
WC-9-VOC

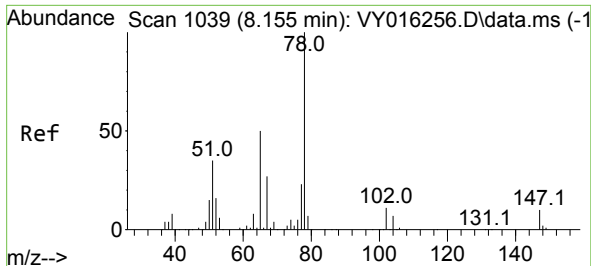
Tgt Ion: 43 Resp: 305
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#31
Cyclohexane
Concen: 1.021 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY016308.D
Acq: 10 Nov 2023 16:49

Tgt Ion: 56 Resp: 1821
Ion Ratio Lower Upper
56 100
69 196.9 27.8 41.6#
84 151.0 66.4 99.6#

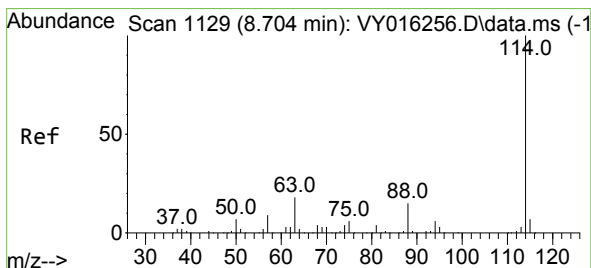
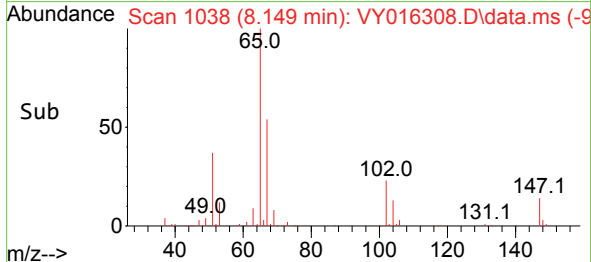
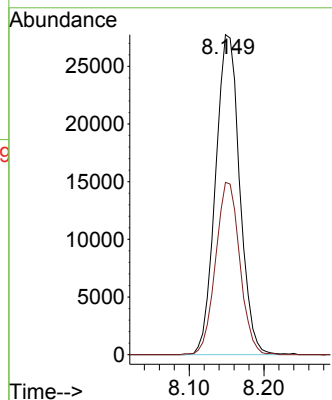
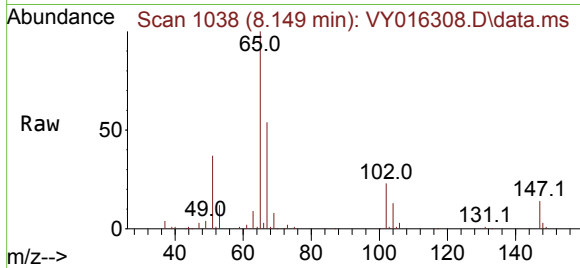




#33
 1,2-Dichloroethane-d4
 Concen: 68.906 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.006 min
 Lab File: VY016308.D
 Acq: 10 Nov 2023 16:49

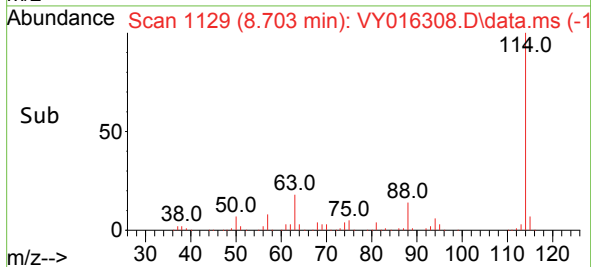
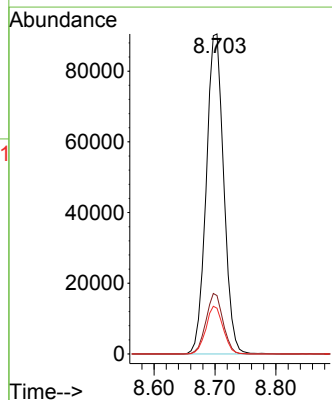
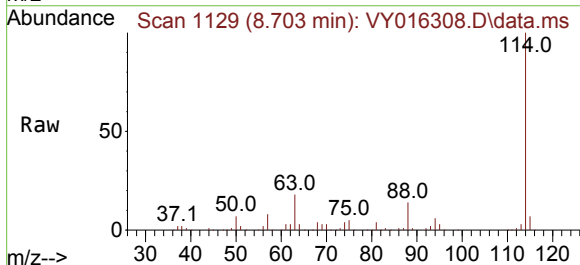
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-9-VOC

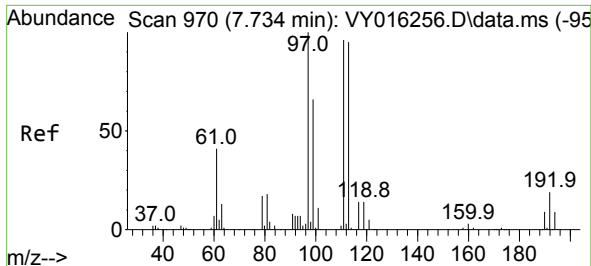
Tgt Ion: 65 Resp: 62435
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016308.D
 Acq: 10 Nov 2023 16:49

Tgt Ion:114 Resp: 180265
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 42.4
 88 14.3 0.0 30.6

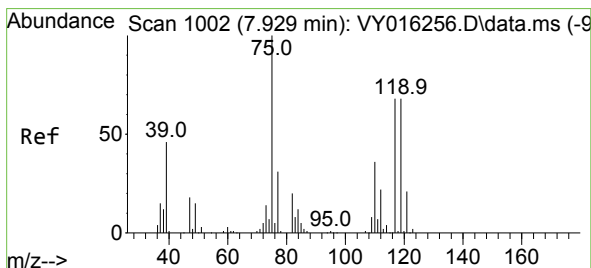
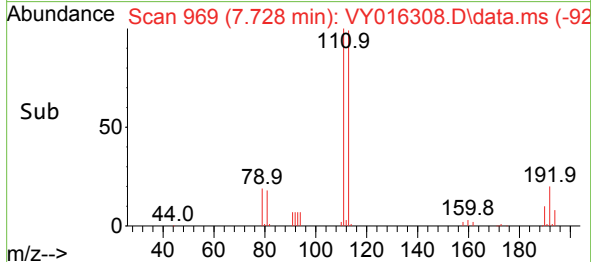
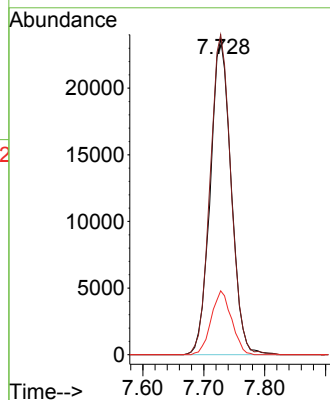
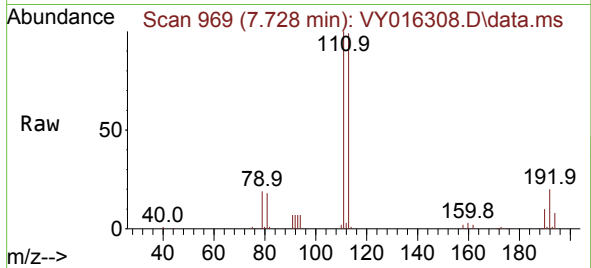




#35
Dibromofluoromethane
Concen: 54.920 ug/l
RT: 7.728 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY016308.D
Acq: 10 Nov 2023 16:49

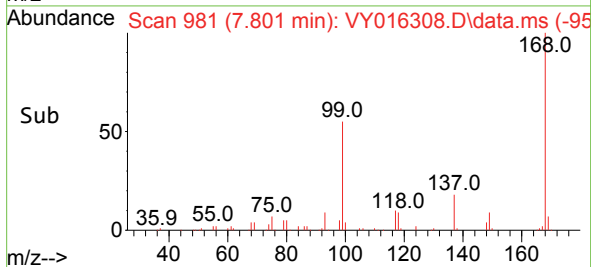
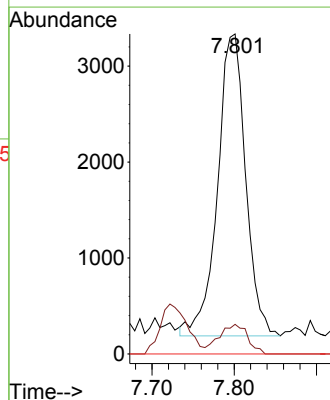
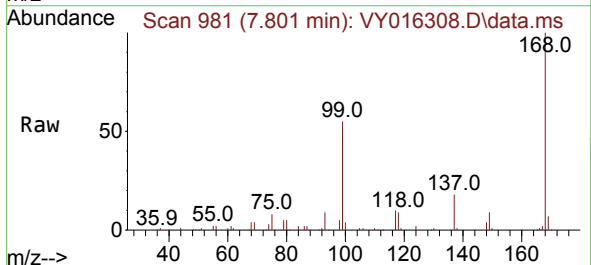
Instrument :
MSVOA_Y
ClientSampleId :
WC-9-VOC

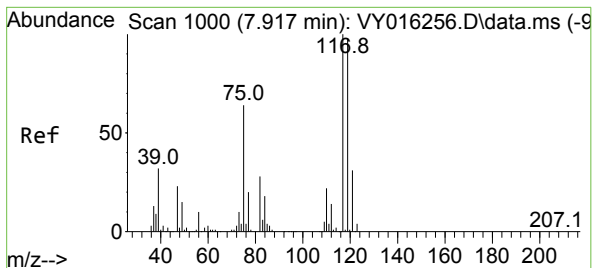
Tgt Ion:113 Resp: 56239
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.208 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016308.D
Acq: 10 Nov 2023 16:49

Tgt Ion: 75 Resp: 7483
Ion Ratio Lower Upper
75 100
110 10.0 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.359 ug/l

RT: 7.795 min Scan# 98

Delta R.T. -0.122 min

Lab File: VY016308.D

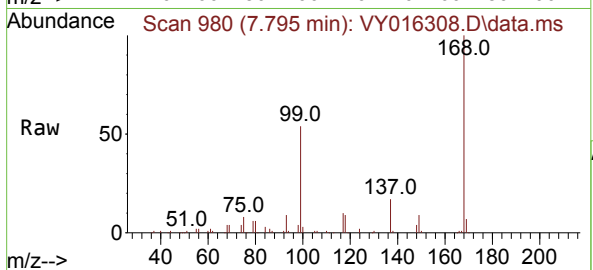
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Instrument :

MSVOA_Y

ClientSampleId :

WC-9-VOC



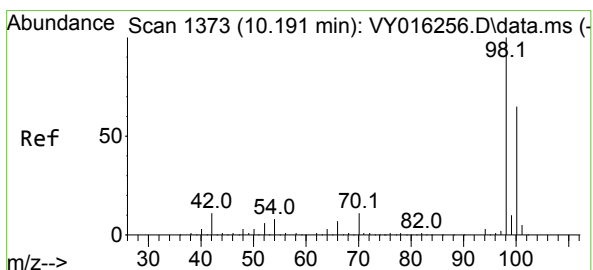
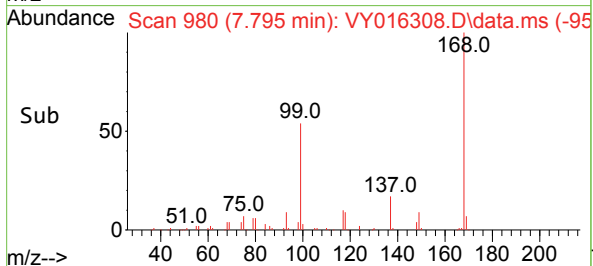
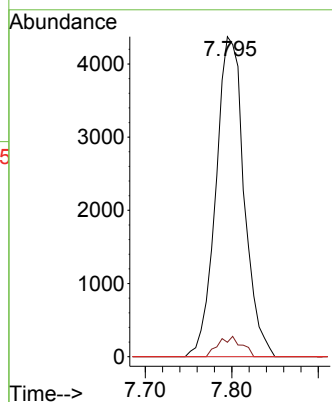
Tgt Ion:117 Resp: 9889

Ion Ratio Lower Upper

117 100

119 4.5 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 50.847 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016308.D

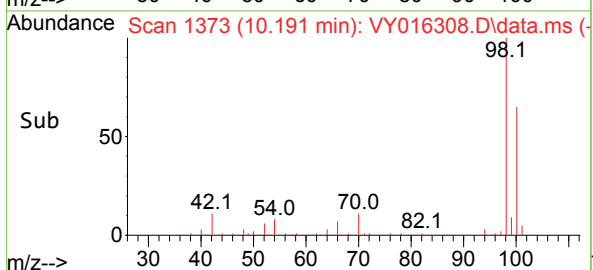
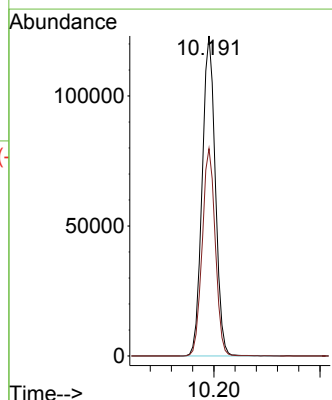
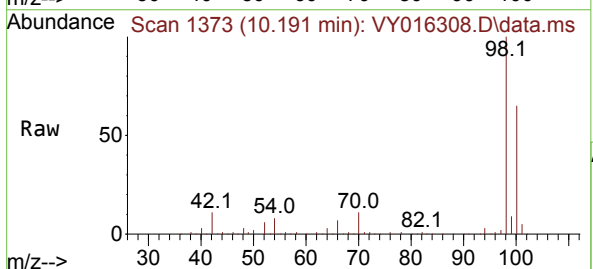
Acq: 10 Nov 2023 16:49

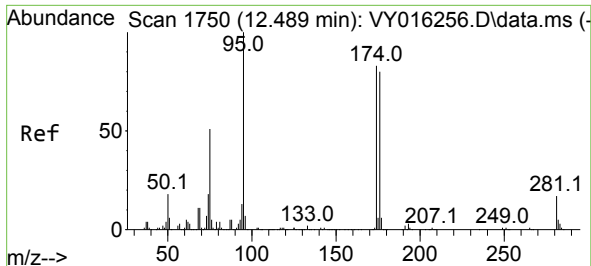
Tgt Ion: 98 Resp: 211146

Ion Ratio Lower Upper

98 100

100 64.4 50.1 75.1

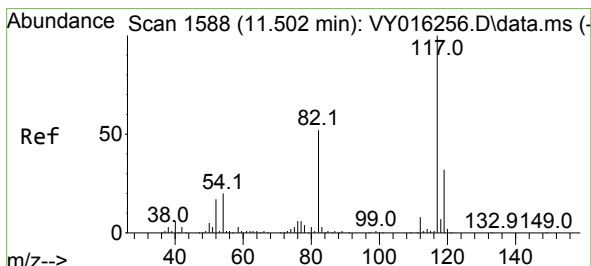
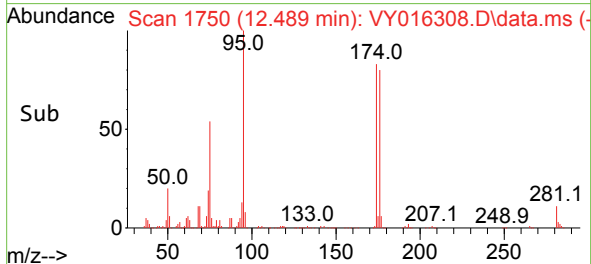
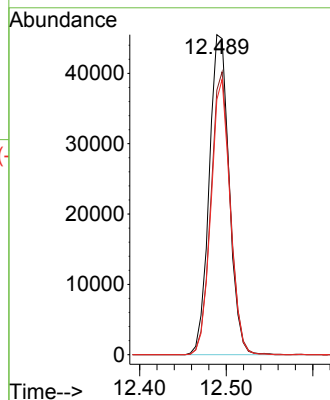
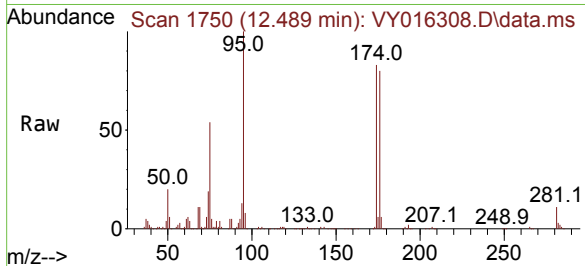




#62
4-Bromofluorobenzene
Concen: 53.843 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016308.D
Acq: 10 Nov 2023 16:49

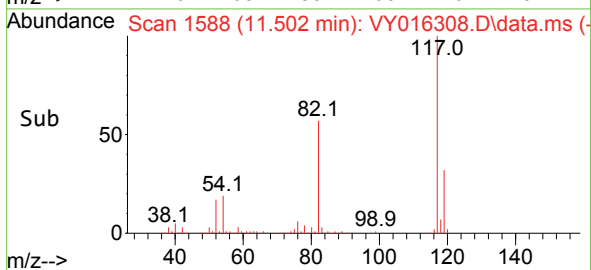
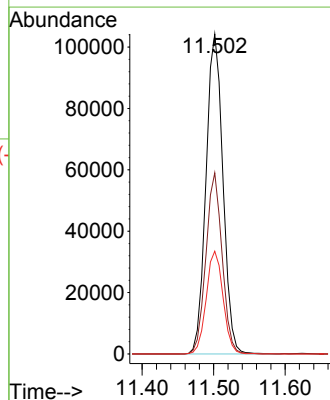
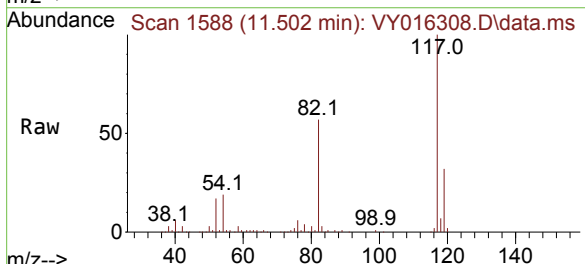
Instrument :
MSVOA_Y
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WC-9-VOC

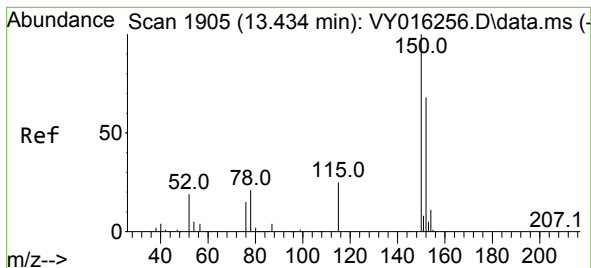
Tgt Ion: 95 Resp: 72619
Ion Ratio Lower Upper
95 100
174 86.3 0.0 178.2
176 82.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016308.D
Acq: 10 Nov 2023 16:49

Tgt Ion: 117 Resp: 171310
Ion Ratio Lower Upper
117 100
82 56.6 43.4 65.0
119 32.1 26.3 39.5

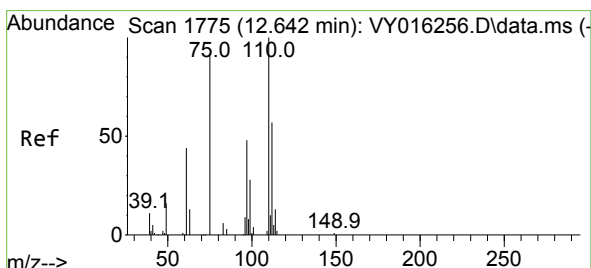
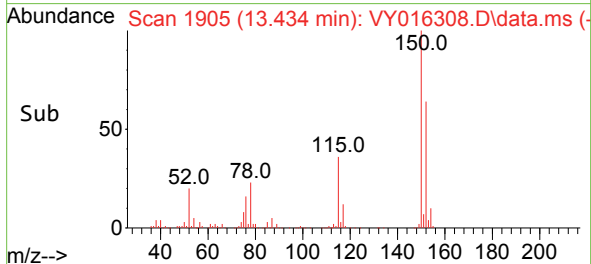
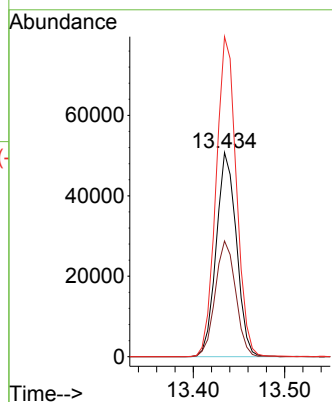
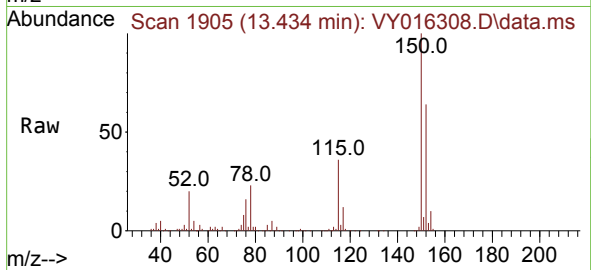




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016308.D
Acq: 10 Nov 2023 16:49

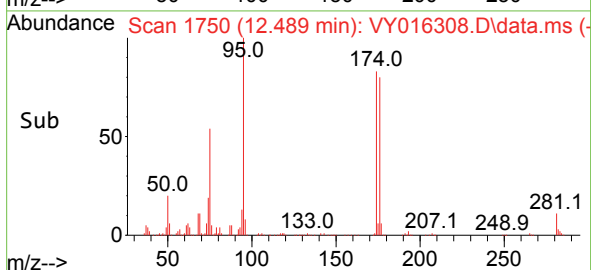
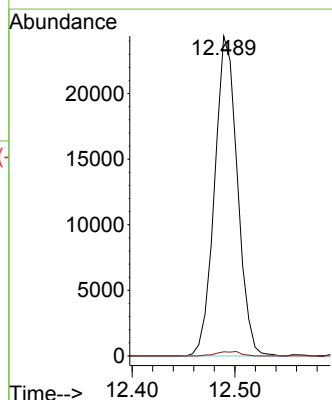
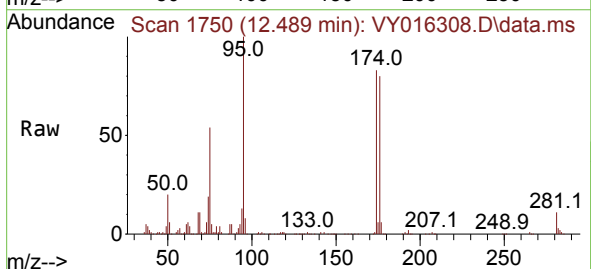
Instrument :
MSVOA_Y
ClientSampleId :
WC-9-VOC

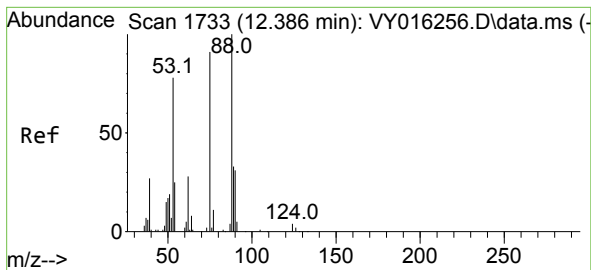
Tgt Ion:152 Resp: 77961
Ion Ratio Lower Upper
152 100
115 57.5 28.8 86.5
150 157.2 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 50.185 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016308.D
Acq: 10 Nov 2023 16:49

Tgt Ion: 75 Resp: 37532
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.931 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY016308.D
 Acq: 10 Nov 2023 16:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-9-VOC

Tgt Ion: 75 Resp: 37532
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

