

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016309.D
 Acq On : 10 Nov 2023 17:13
 Operator : SY/MD
 Sample : 05379-07
 Misc : 4.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-4-VOC

Quant Time: Nov 10 22:22:58 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	44127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	76279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	72187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	31745	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	27322	67.745	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.500%
35) Dibromofluoromethane	7.728	113	24710	57.026	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.060%
50) Toluene-d8	10.191	98	89238	50.785	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.560%
62) 4-Bromofluorobenzene	12.489	95	29609	51.882	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.760%

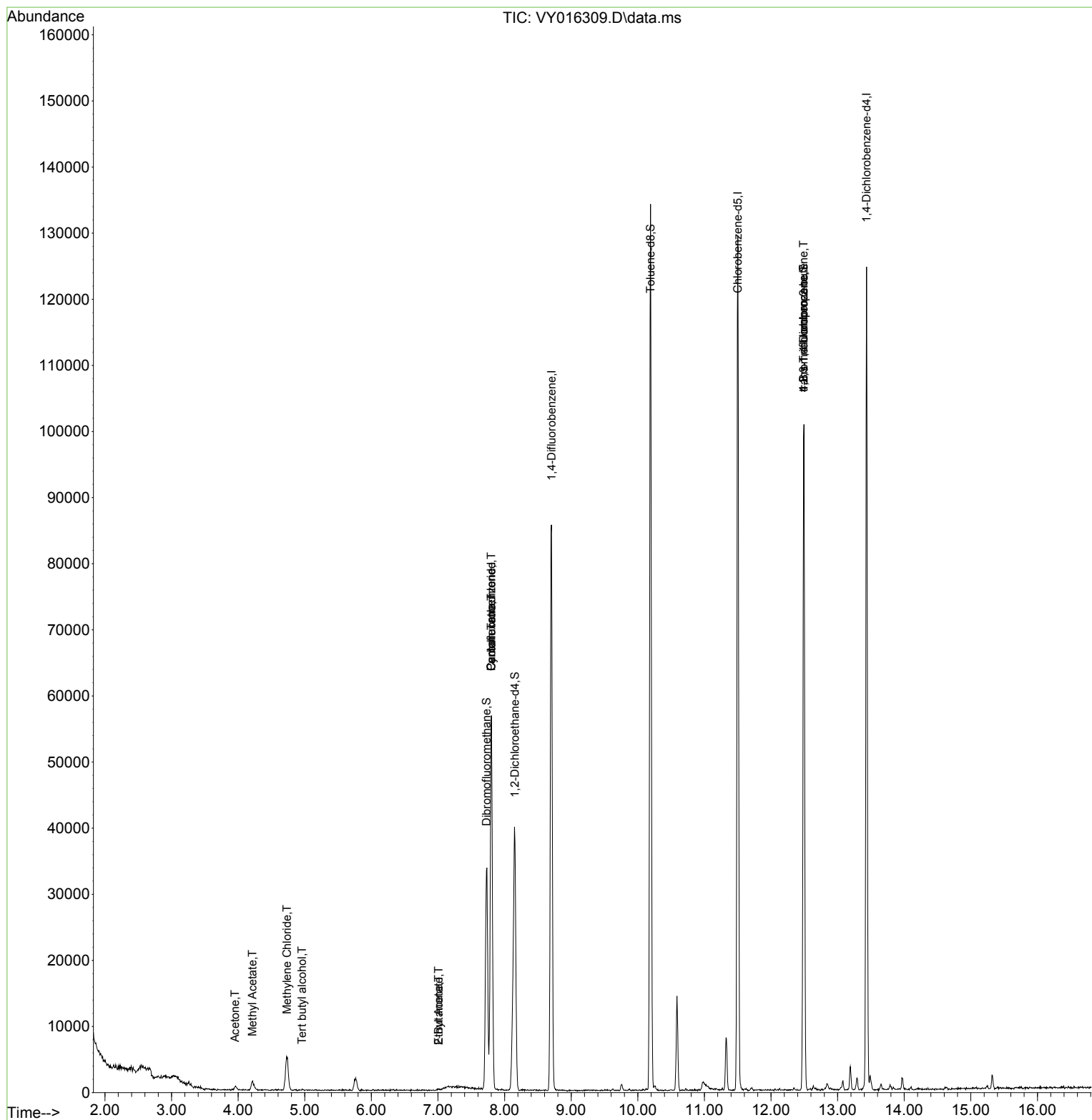
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.960	59	106	3.356	ug/l #	89
16) Acetone	3.954	43	980	14.690	ug/l	96
18) Methyl Acetate	4.216	43	416	1.174	ug/l #	54
20) Methylene Chloride	4.735	84	4117	5.648	ug/l #	81
25) 2-Butanone	7.009	43	361	3.089	ug/l #	49
31) Cyclohexane	7.801	56	819	1.031	ug/l #	1
37) Ethyl Acetate	7.009	43	361	1.187	ug/l #	71
38) Carbon Tetrachloride	7.801	117	4018	5.145	ug/l #	19
76) 1,2,3-Trichloropropane	12.489	75	15506	50.918	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	15506	110.523	ug/l #	10

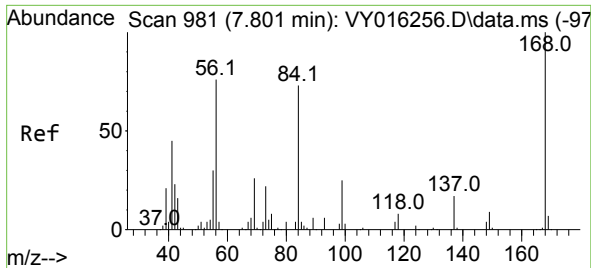
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
Data File : VY016309.D
Acq On : 10 Nov 2023 17:13
Operator : SY/MD
Sample : 05379-07
Misc : 4.80g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC

Quant Time: Nov 10 22:22:58 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

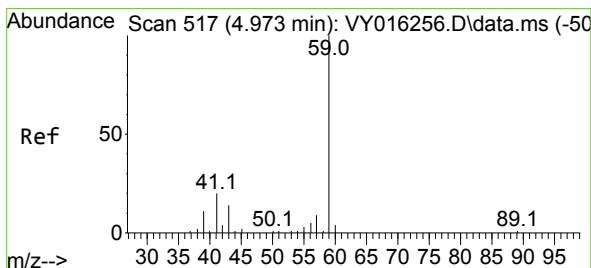
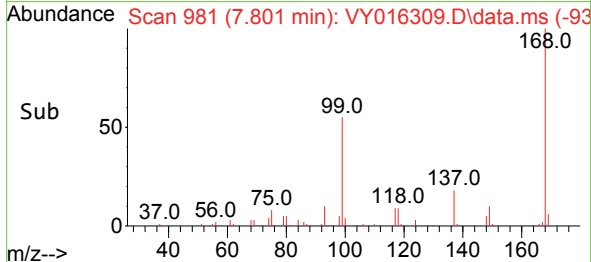
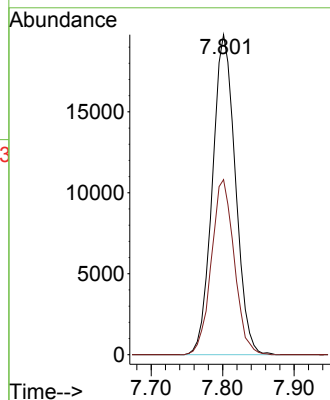
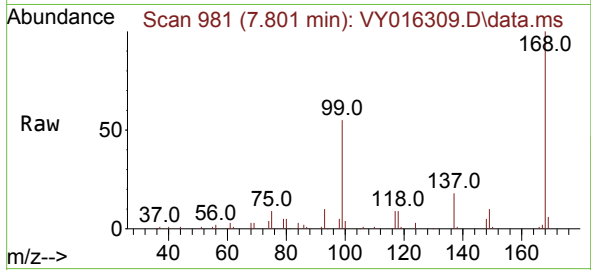




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016309.D
Acq: 10 Nov 2023 17:13

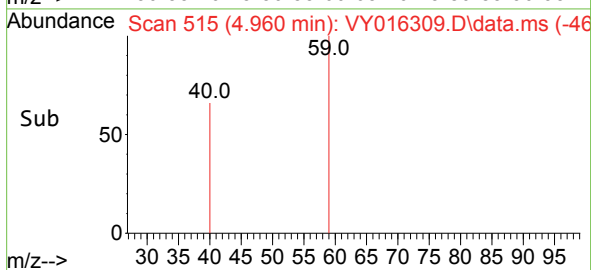
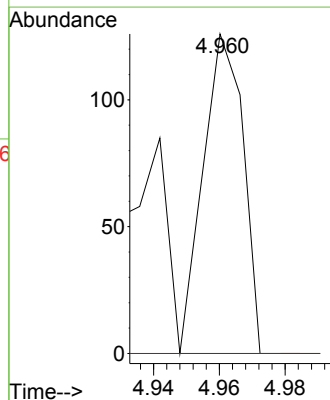
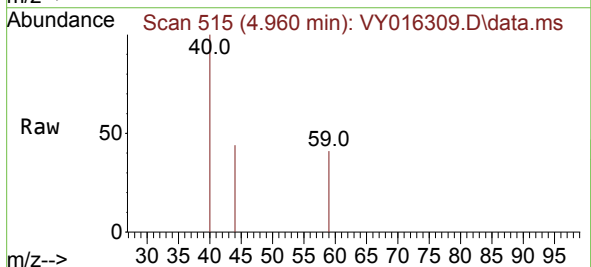
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC

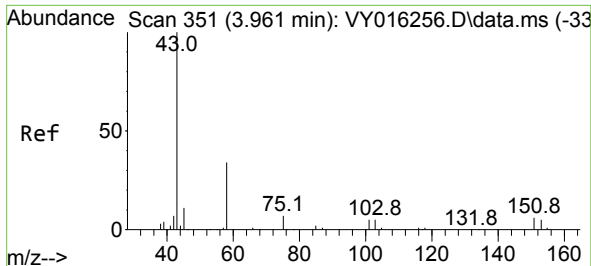
Tgt Ion:168 Resp: 44127
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#11
Tert butyl alcohol
Concen: 3.356 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY016309.D
Acq: 10 Nov 2023 17:13

Tgt Ion: 59 Resp: 106
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

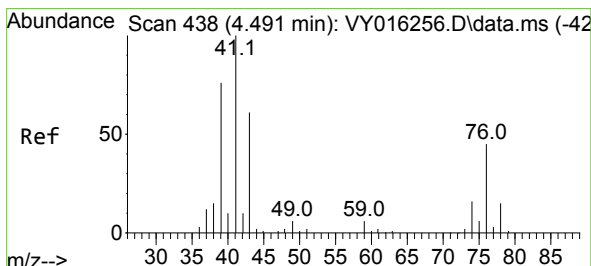
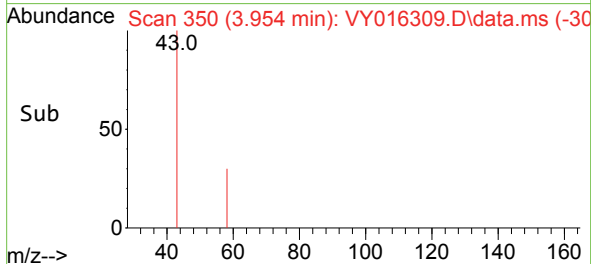
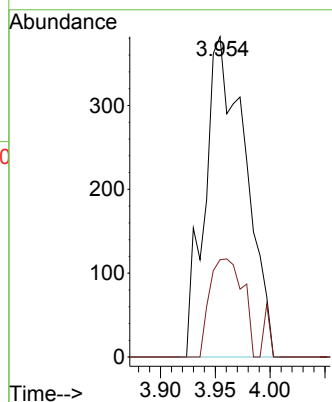
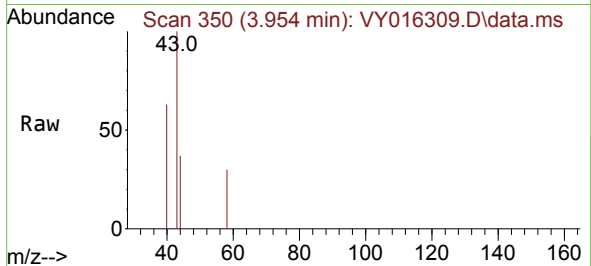




#16
Acetone
Concen: 14.690 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY016309.D
Acq: 10 Nov 2023 17:13

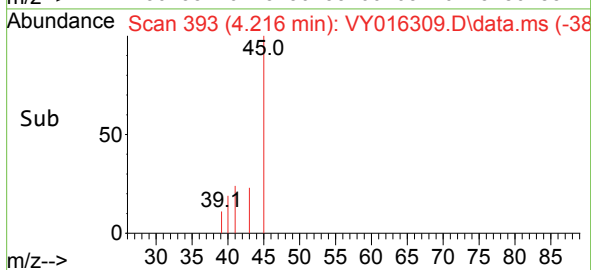
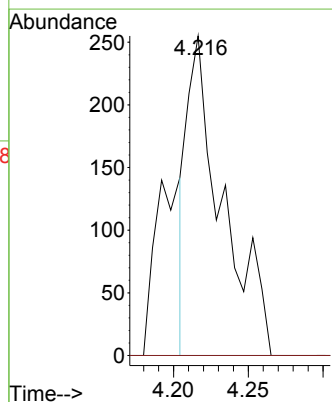
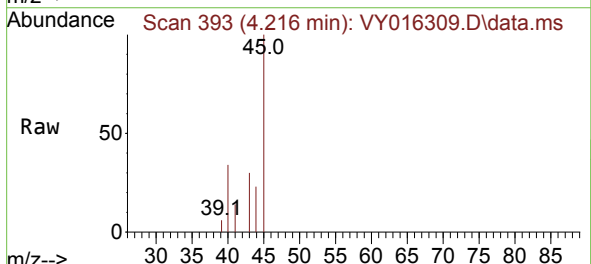
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC

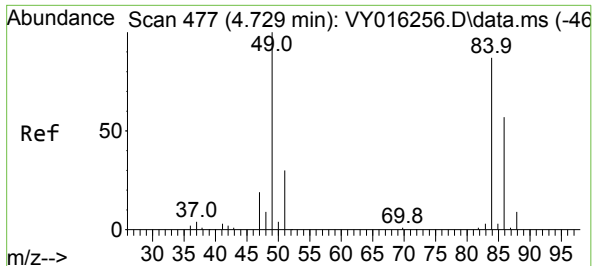
Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
58 30.4 22.7 34.1



#18
Methyl Acetate
Concen: 1.174 ug/l
RT: 4.216 min Scan# 393
Delta R.T. -0.274 min
Lab File: VY016309.D
Acq: 10 Nov 2023 17:13

Tgt Ion: 43 Resp: 416
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#

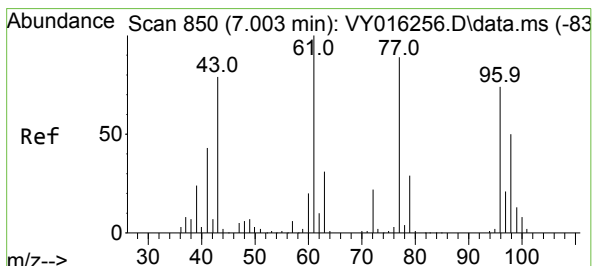
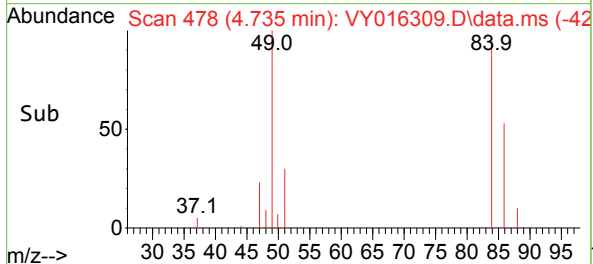
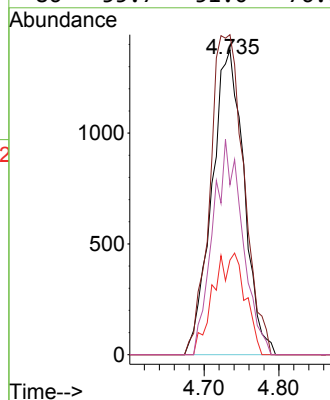
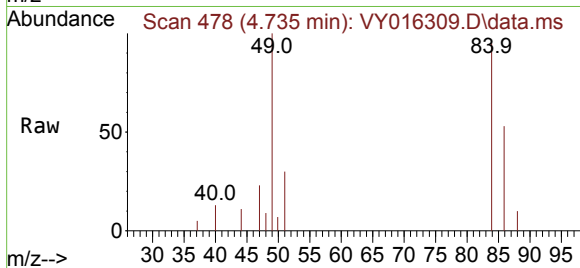




#20
Methylene Chloride
Concen: 5.648 ug/l
RT: 4.735 min Scan# 4117
Delta R.T. 0.006 min
Lab File: VY016309.D
Acq: 10 Nov 2023 17:13

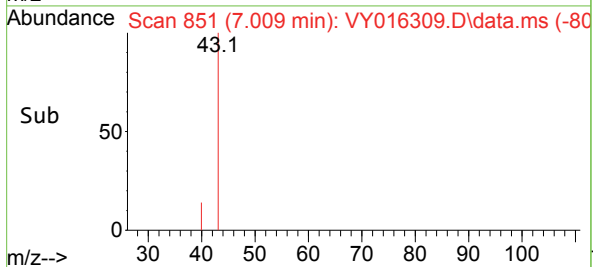
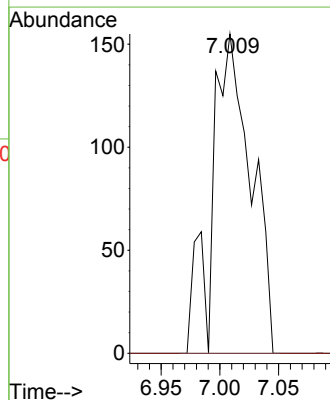
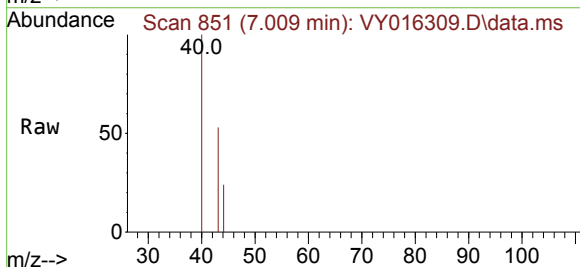
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC

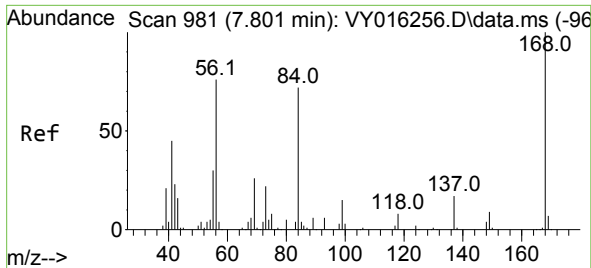
Tgt Ion:	84	Resp:	4117
Ion	Ratio	Lower	Upper
84	100		
49	104.9	106.9	160.3#
51	31.0	33.2	49.8#
86	55.7	51.0	76.6



#25
2-Butanone
Concen: 3.089 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY016309.D
Acq: 10 Nov 2023 17:13

Tgt Ion:	43	Resp:	361
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.5	30.7#

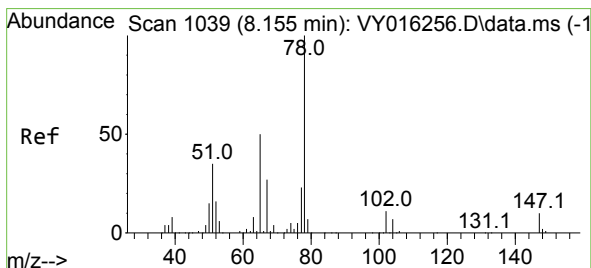
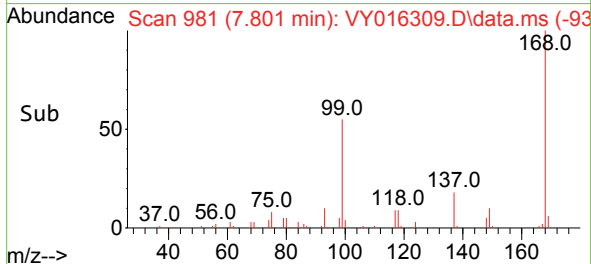
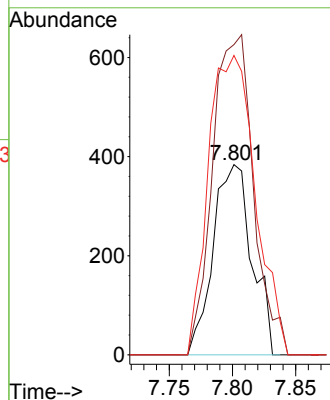
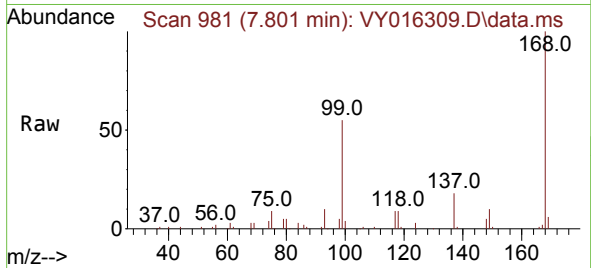




#31
Cyclohexane
Concen: 1.031 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016309.D
Acq: 10 Nov 2023 17:13

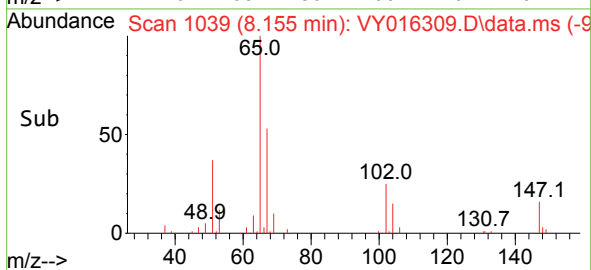
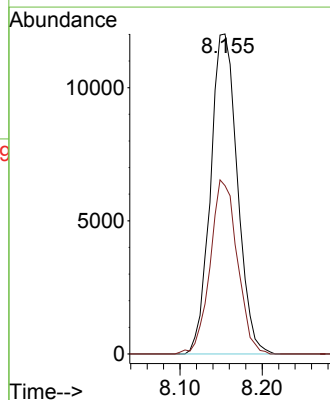
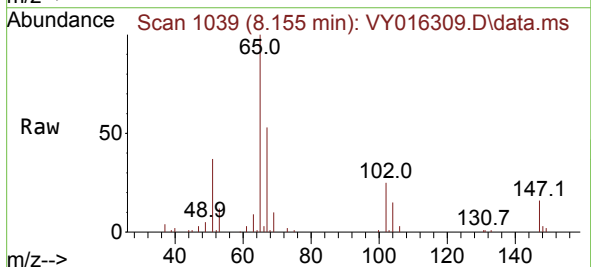
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC

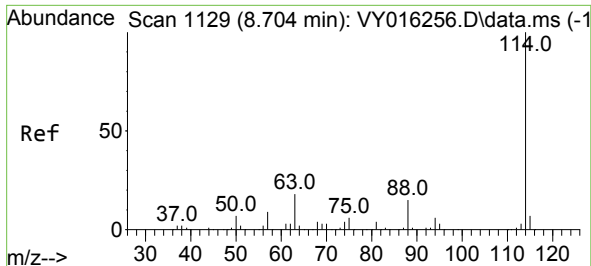
Tgt Ion: 56 Resp: 819
Ion Ratio Lower Upper
56 100
69 163.0 27.8 41.6#
84 157.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 67.745 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016309.D
Acq: 10 Nov 2023 17:13

Tgt Ion: 65 Resp: 27322
Ion Ratio Lower Upper
65 100
67 54.7 0.0 101.8

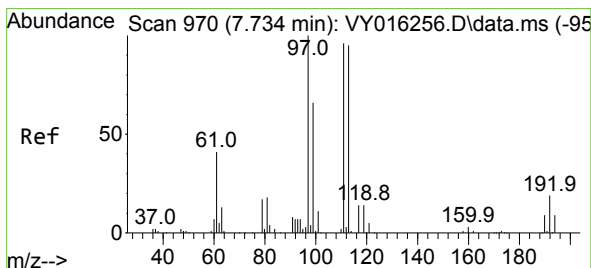
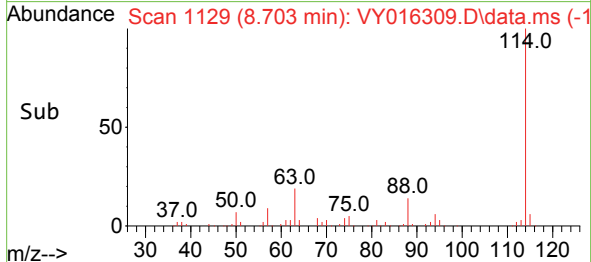
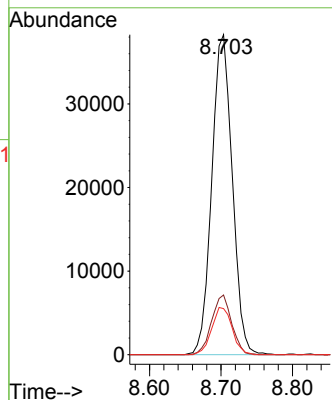
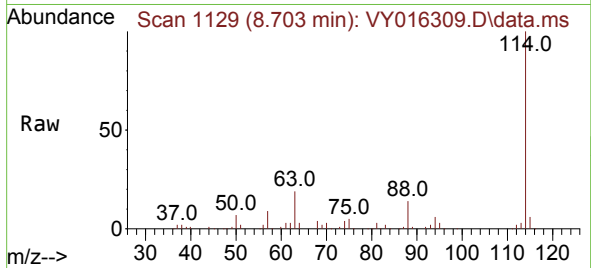




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016309.D
Acq: 10 Nov 2023 17:13

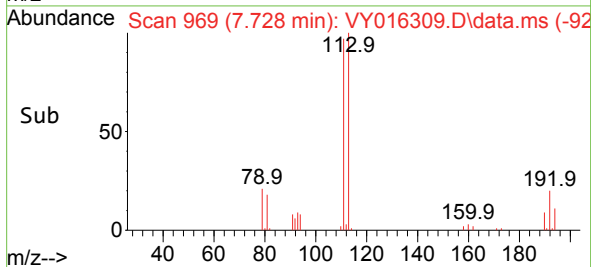
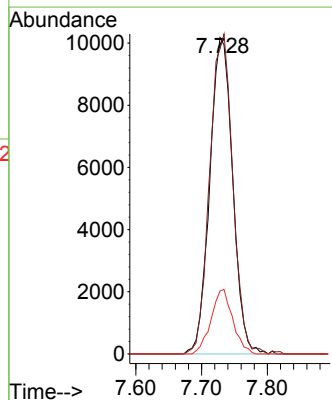
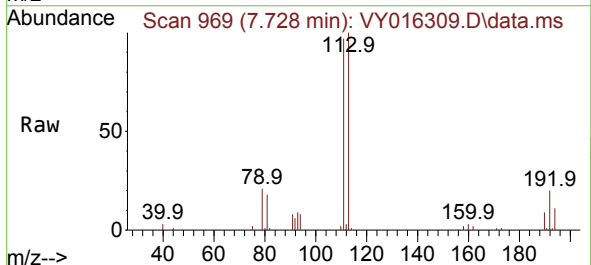
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC

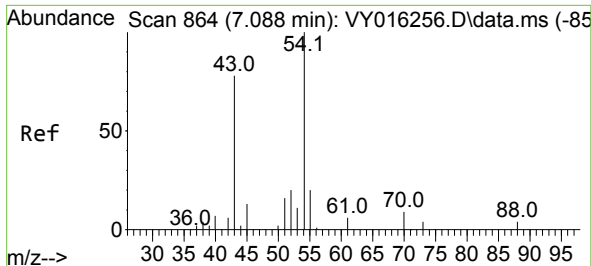
Tgt Ion:114 Resp: 76279
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.4
88 14.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 57.026 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY016309.D
Acq: 10 Nov 2023 17:13

Tgt Ion:113 Resp: 24710
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 19.4 16.9 25.3





#37

Ethyl Acetate

Concen: 1.187 ug/l

RT: 7.009 min Scan# 81

Delta R.T. -0.079 min

Lab File: VY016309.D

Acq: 10 Nov 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

WC-4-VOC

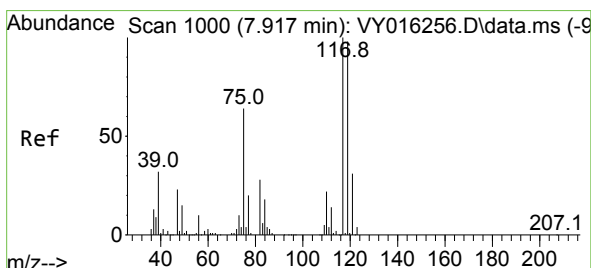
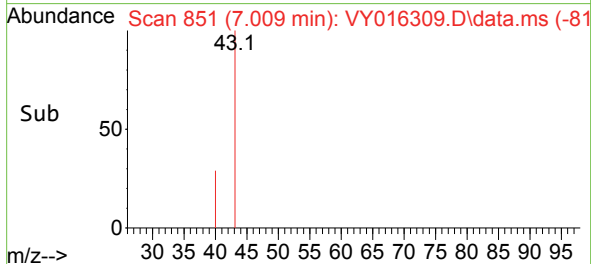
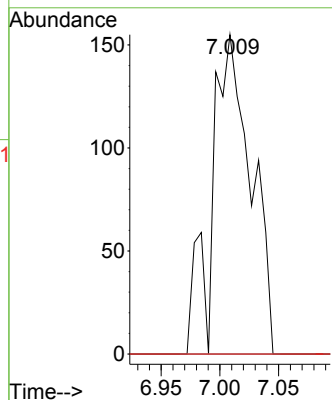
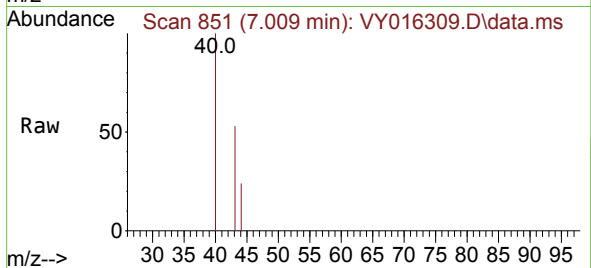
Tgt Ion: 43 Resp: 361

Ion Ratio Lower Upper

43 100

61 0.0 10.1 15.1#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.145 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.116 min

Lab File: VY016309.D

Acq: 10 Nov 2023 17:13

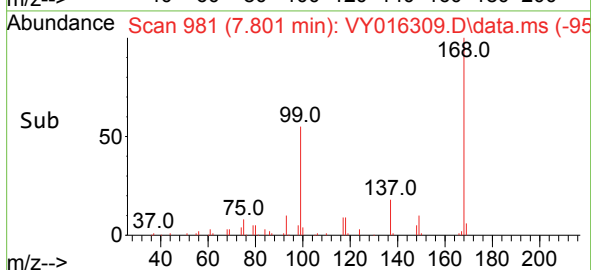
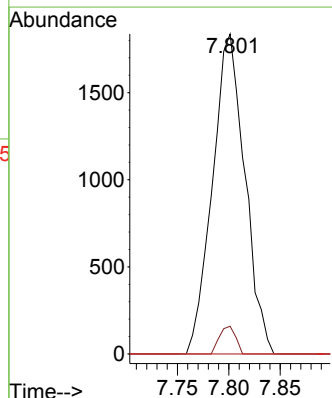
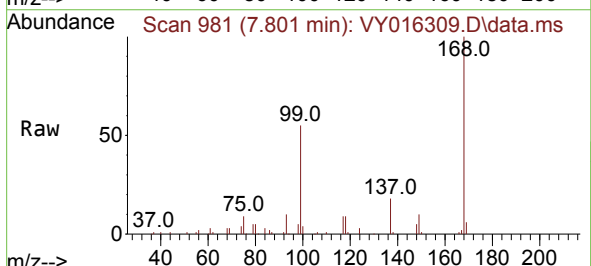
Tgt Ion: 117 Resp: 4018

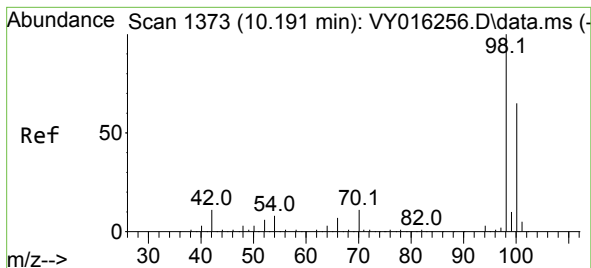
Ion Ratio Lower Upper

117 100

119 8.7 76.4 114.6#

121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.785 ug/l

RT: 10.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016309.D

Acq: 10 Nov 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

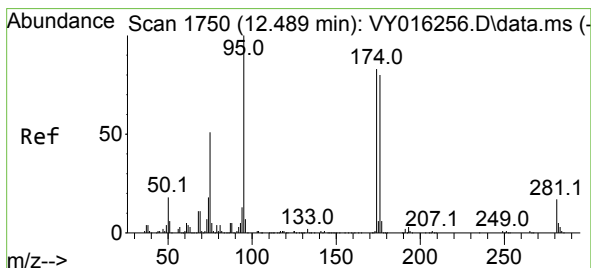
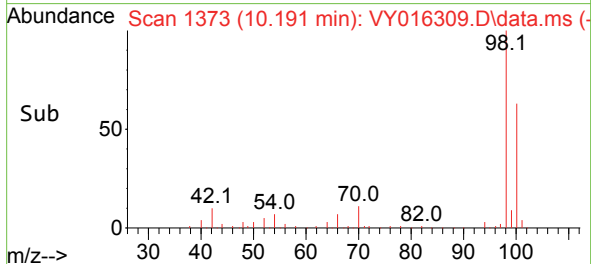
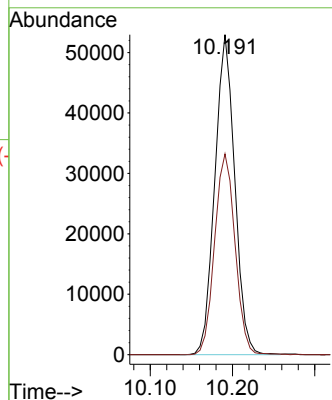
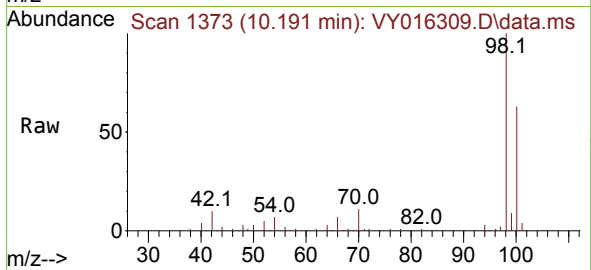
WC-4-VOC

Tgt Ion: 98 Resp: 89238

Ion Ratio Lower Upper

98 100

100 64.5 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 51.882 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY016309.D

Acq: 10 Nov 2023 17:13

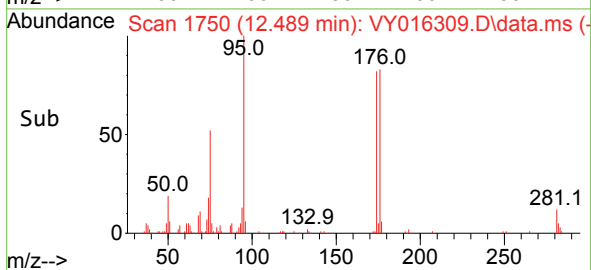
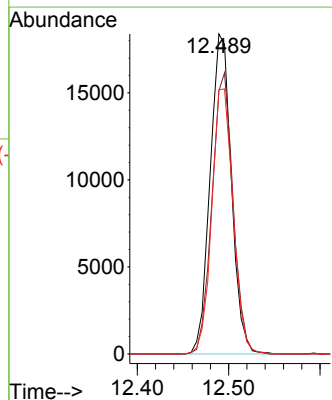
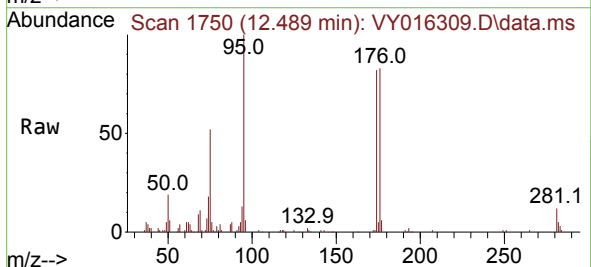
Tgt Ion: 95 Resp: 29609

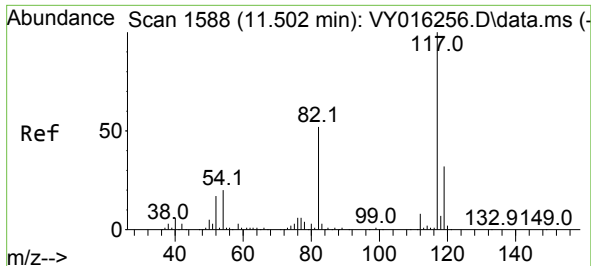
Ion Ratio Lower Upper

95 100

174 87.2 0.0 178.2

176 83.4 0.0 173.8

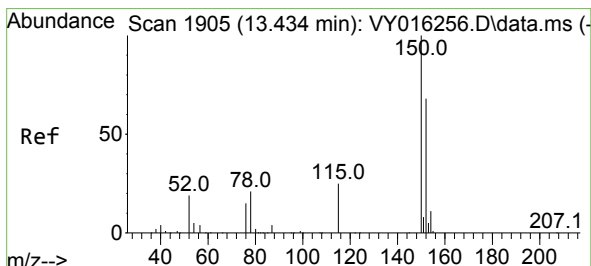
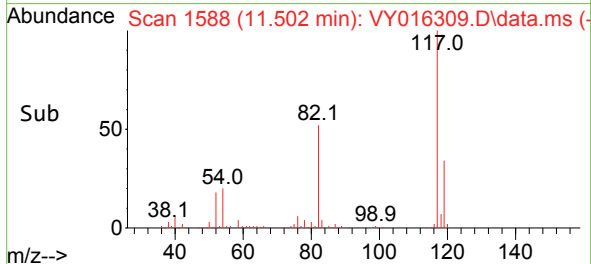
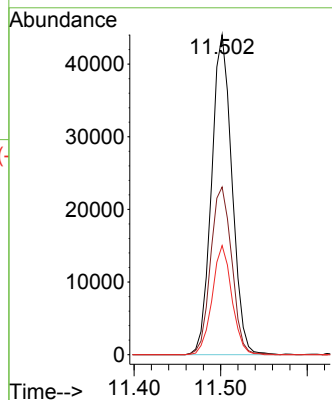
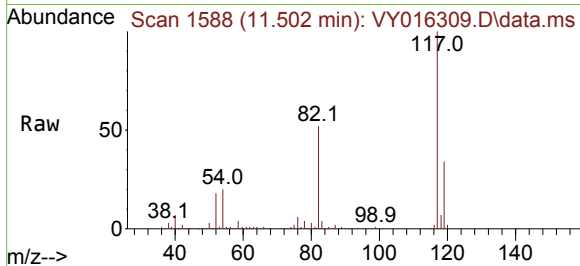




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016309.D
Acq: 10 Nov 2023 17:13

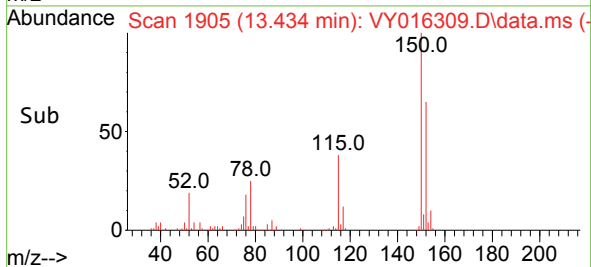
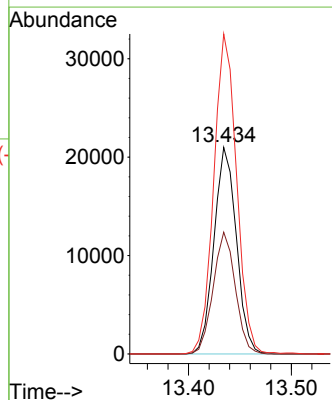
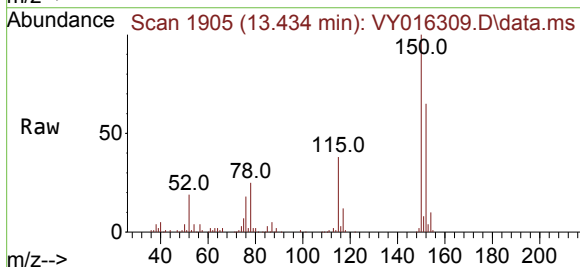
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC

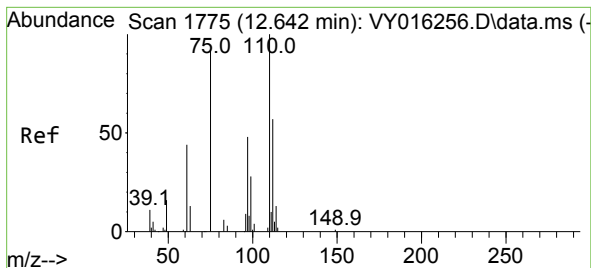
Tgt Ion:117 Resp: 72187
Ion Ratio Lower Upper
117 100
82 52.4 43.4 65.0
119 34.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016309.D
Acq: 10 Nov 2023 17:13

Tgt Ion:152 Resp: 31745
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.5
150 158.2 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 50.918 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.153 min

Lab File: VY016309.D

Acq: 10 Nov 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

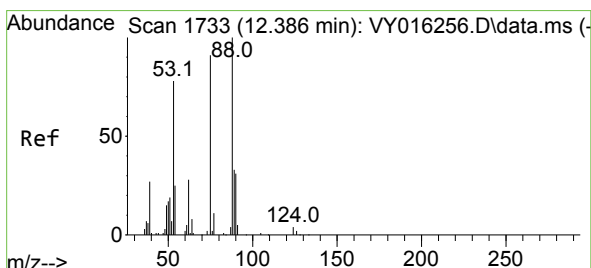
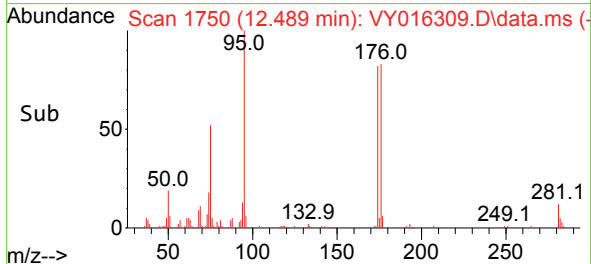
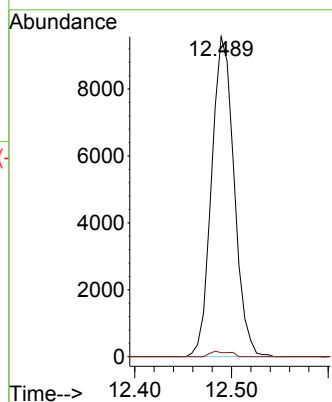
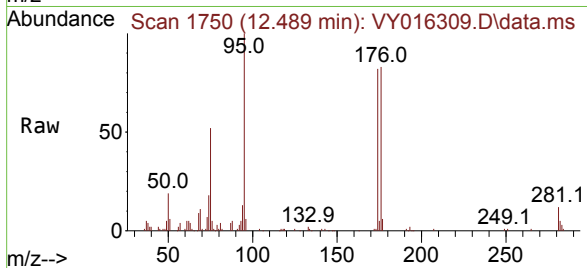
WC-4-VOC

Tgt Ion: 75 Resp: 15506

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 110.523 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.103 min

Lab File: VY016309.D

Acq: 10 Nov 2023 17:13

Tgt Ion: 75 Resp: 15506

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

