

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011421\
 Data File : VW017876.D
 Acq On : 14 Jan 2021 13:43
 Operator : SY/VA
 Sample : M1132-04RE
 Misc : 5.92G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 14 21:46:01 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 21:44:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	320540	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	281262	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	122367	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	125660	25.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.36%
7) Chloroethane-d5	2.89	69	105533	25.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.12%
10) 1,1-Dichloroethene-d2	4.03	63	163803	18.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.84%
20) 2-Butanone-d5	7.08	46	51799	64.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.88%
24) Chloroform-d	7.65	84	221291	26.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.68%
26) 1,2-Dichloroethane-d4	8.60	65	74	0.02	ug/L	0.30
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	428086	27.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.08%
33) 1,2-Dichloropropane-d6	9.27	67	124852	28.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.36%
37) Toluene-d8	10.32	98	386438	25.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.60%
38) trans-1,3-Dichloropropene-	10.58	79	48649	24.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.96%
39) 2-Hexanone-d5	10.93	63	34753	63.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94727	29.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	111269	26.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.44%

Target Compounds

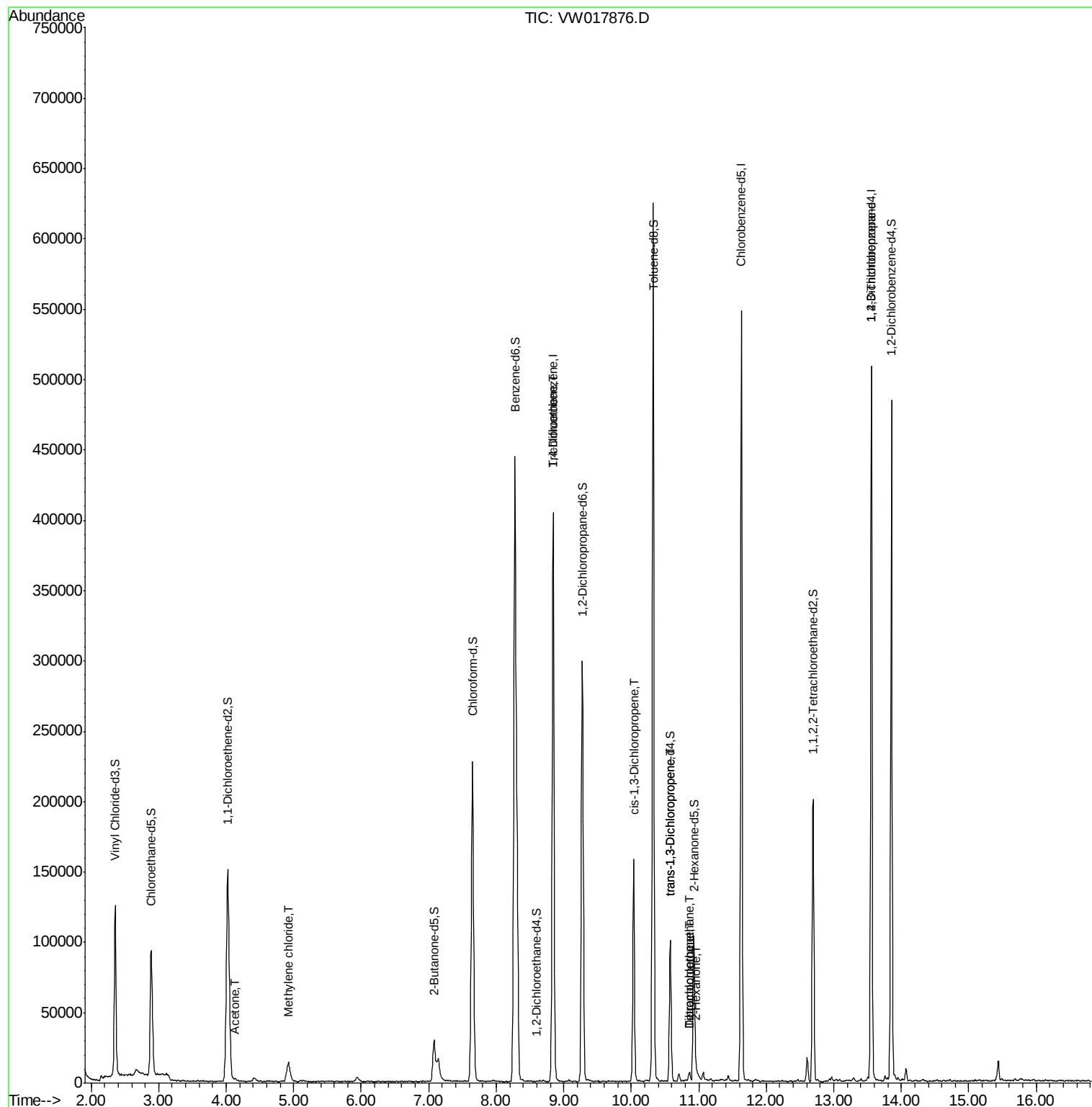
					Ovalue
13) Acetone	4.13	43	1357	1.955 ug/L	90
16) Methylene chloride	4.92	84	10801	2.356 ug/L	87
35) Trichloroethene	8.84	95	10335	2.322 ug/L #	4
42) cis-1,3-Dichloropropene	10.03	75	4925	0.813 ug/L	93
45) trans-1,3-Dichloropropene	10.57	75	2906	0.563 ug/L	93
47) Tetrachloroethene	10.86	164	1007	0.289 ug/L	92
49) 2-Hexanone	10.96	43	1768	1.351 ug/L #	87
50) Dibromochloromethane	10.85	129	893	0.267 ug/L #	9
59) 1,2,3-Trichloropropane	13.56	75	18890	8.159 ug/L	94

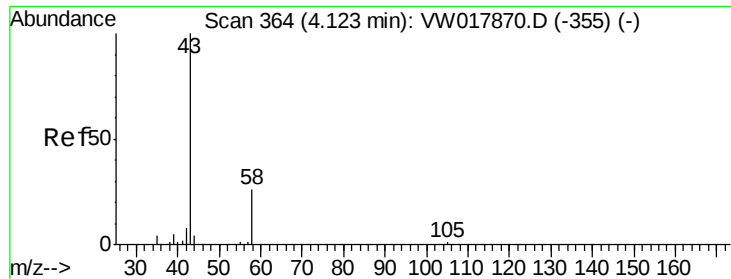
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jan 14 21:44:45 2021
Response via : Initial Calibration





#13

Acetone

Concen: 1.955 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017876.D

Acq: 14 Jan 2021 13:43

Instrument :

MSVOA_W

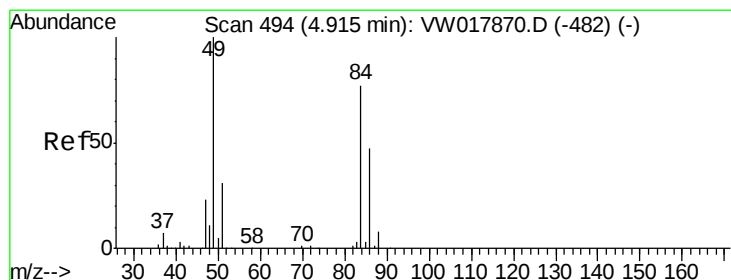
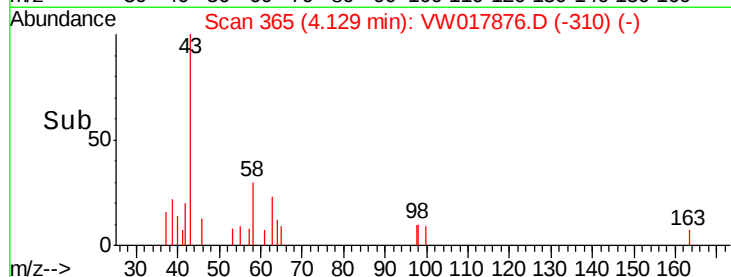
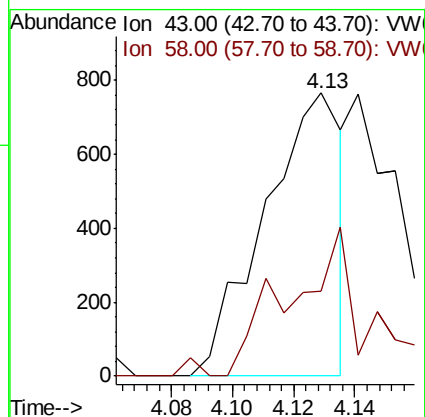
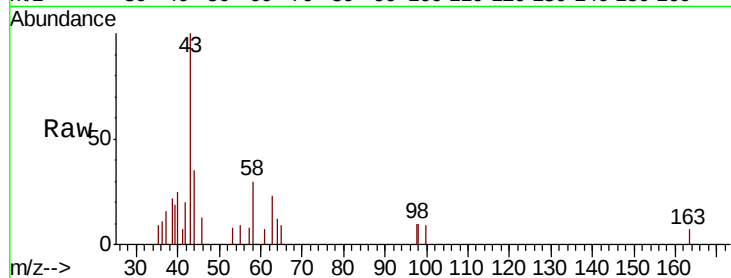
ClientSampled :

Tot Ion: 43 Resp: 1357

Ion Ratio Lower Upper

43 100

58 24.7 0.0 60.8



#16

Methylene chloride

Concen: 2.356 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017876.D

Acq: 14 Jan 2021 13:43

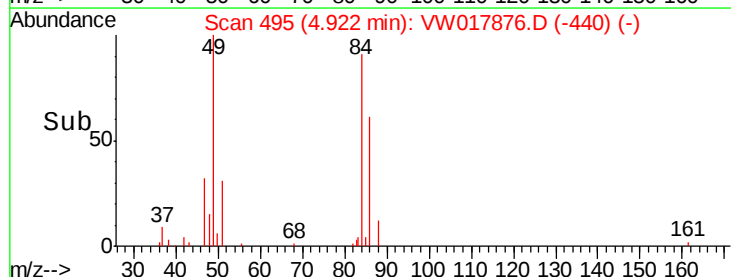
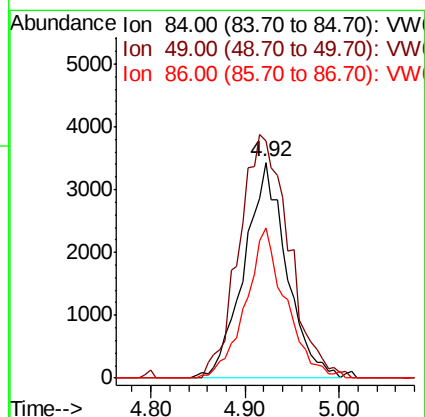
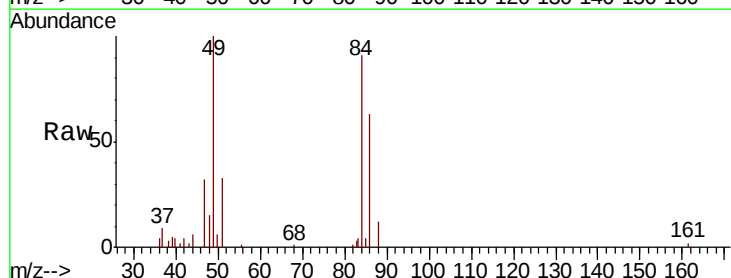
Tgt Ion: 84 Resp: 10801

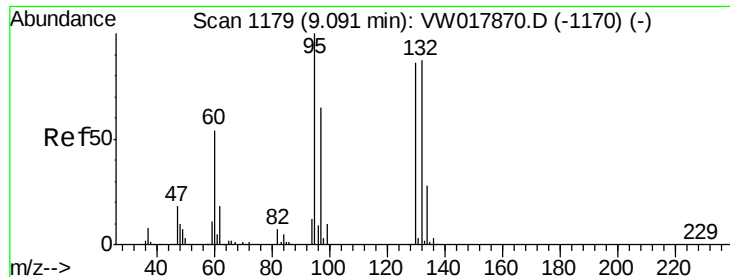
Ion Ratio Lower Upper

84 100

49 110.1 90.5 168.1

86 69.8 44.8 83.2

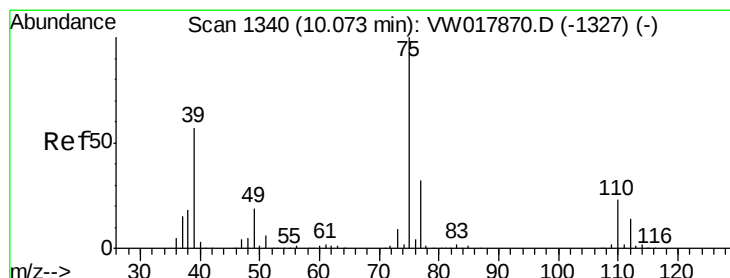
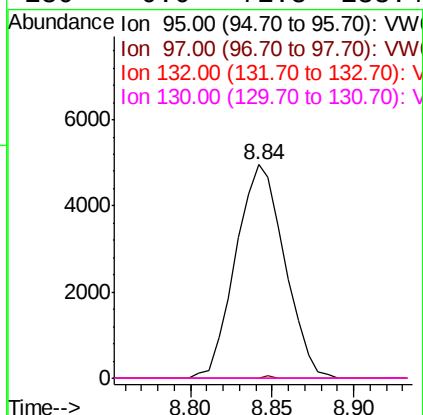
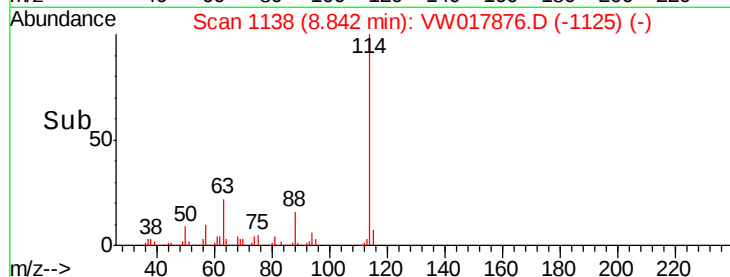
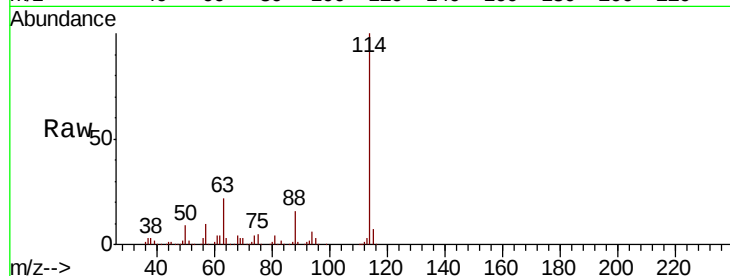




#35
 Trichloroethene
 Concen: 2.322 ug/L
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.25 min
 Lab File: VW017876.D
 Acq: 14 Jan 2021 13:43

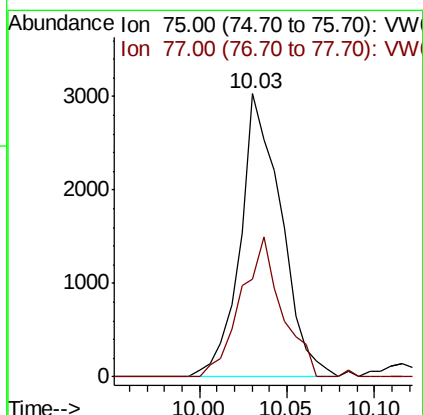
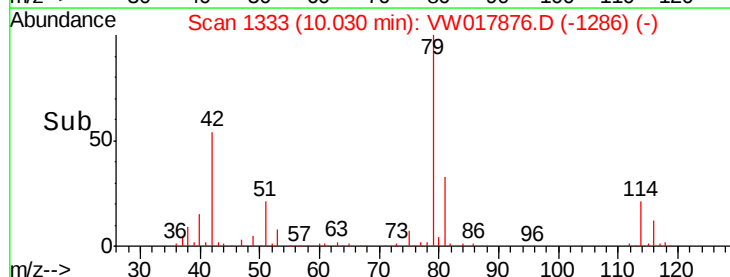
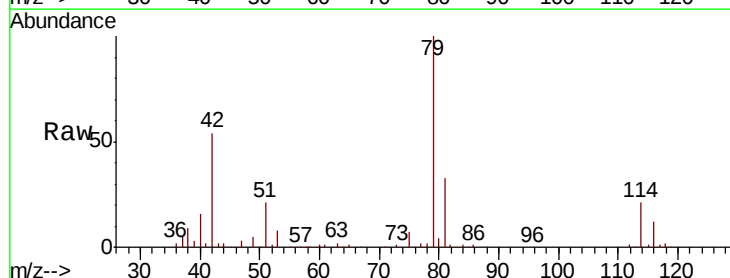
Instrument :
 MSVOA_W
 ClientSampleId :

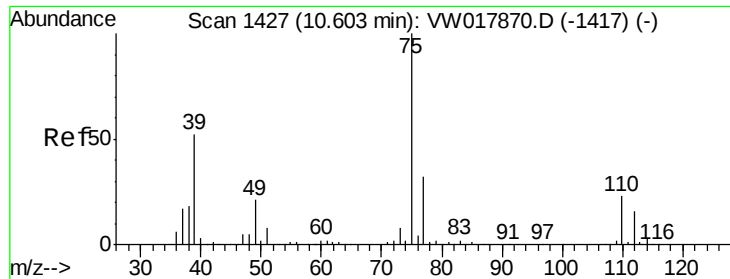
Tot Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.8	87.0#
132	0.0	68.3	126.9#
130	0.0	71.8	133.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.813 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW017876.D
 Acq: 14 Jan 2021 13:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.6	21.6	40.2





#45

trans-1,3-Dichloropropene

Concen: 0.563 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW017876.D

Acq: 14 Jan 2021 13:43

Instrument :

MSVOA_W

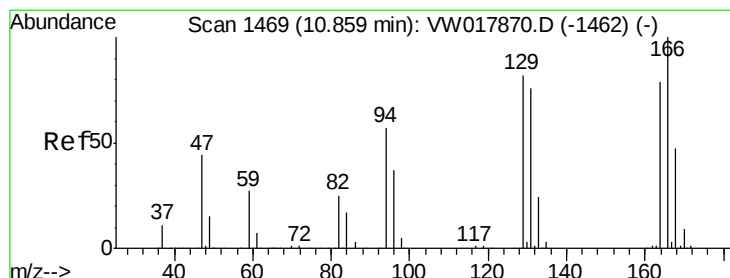
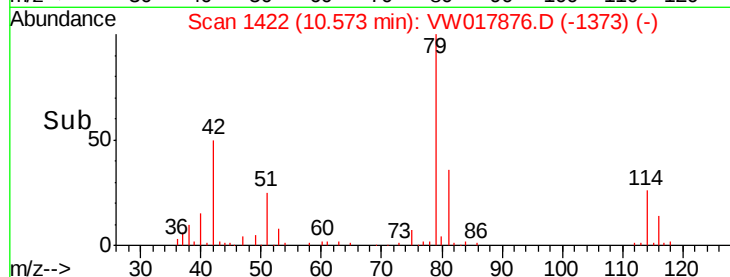
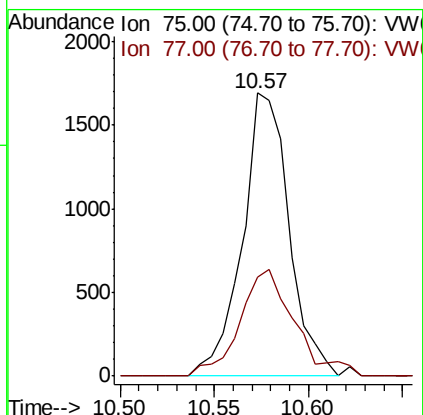
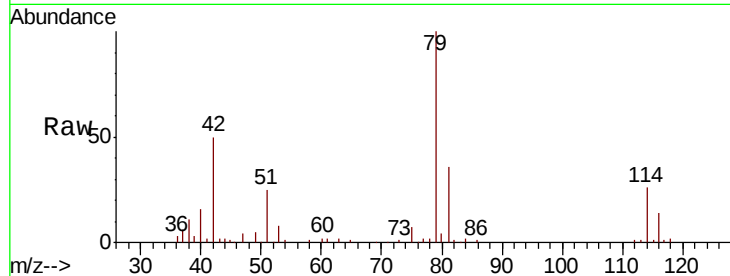
ClientSampleId :

Tot Ion: 75 Resp: 2906

Ion Ratio Lower Upper

75 100

77 34.9 21.6 40.0



#47

Tetrachloroethene

Concen: 0.289 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW017876.D

Acq: 14 Jan 2021 13:43

Tgt Ion:164 Resp: 1007

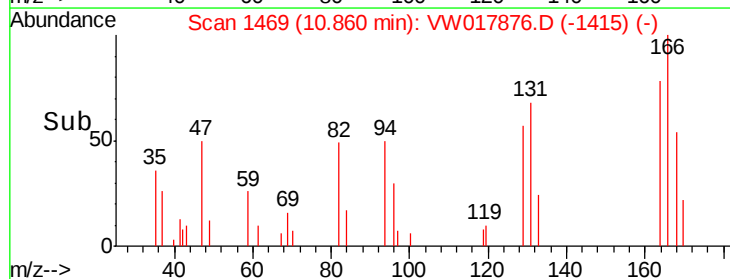
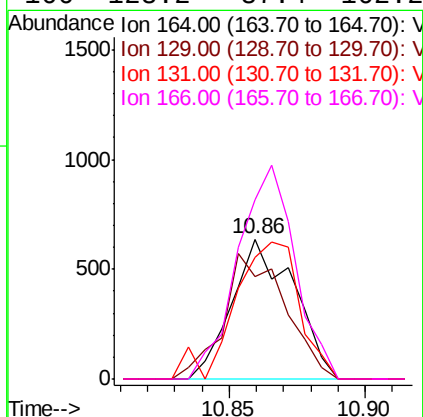
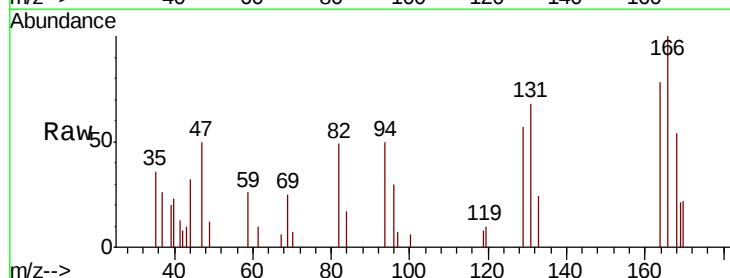
Ion Ratio Lower Upper

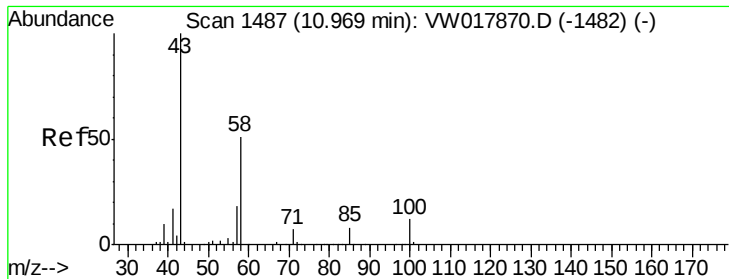
164 100

129 72.7 62.9 116.9

131 86.7 63.8 118.6

166 128.2 87.4 162.2

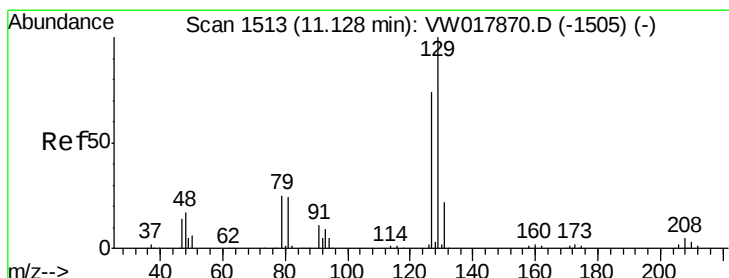
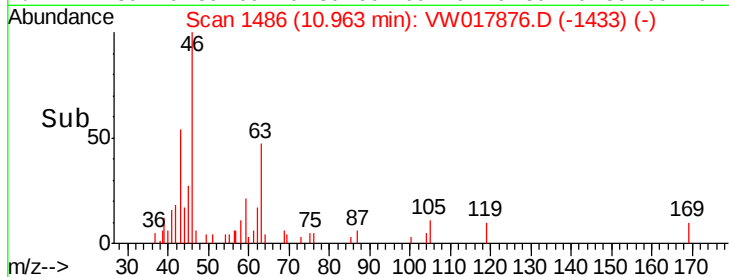
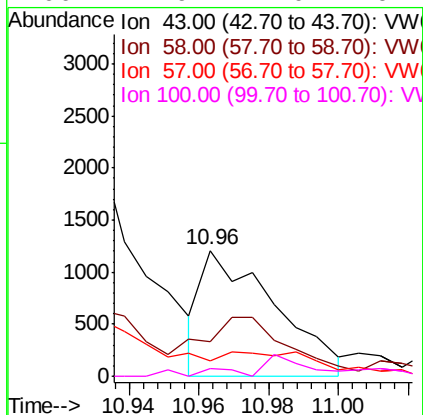
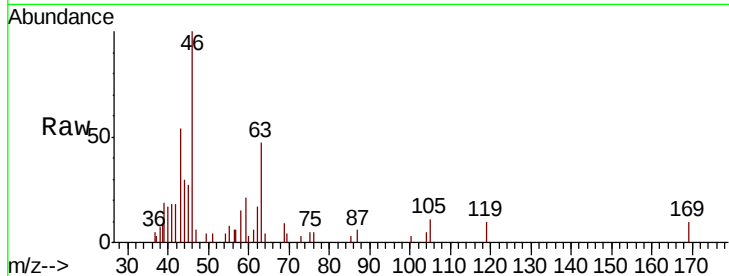




#49
2-Hexanone
Concen: 1.351 ug/L
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW017876.D
Acq: 14 Jan 2021 13:43

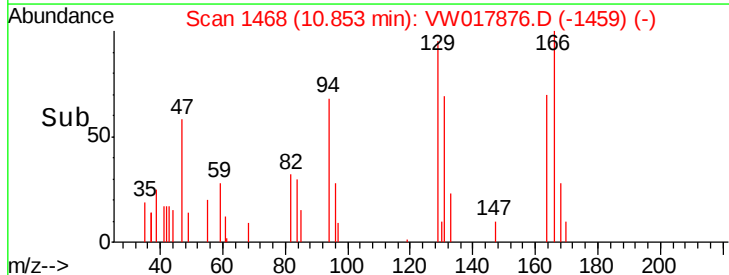
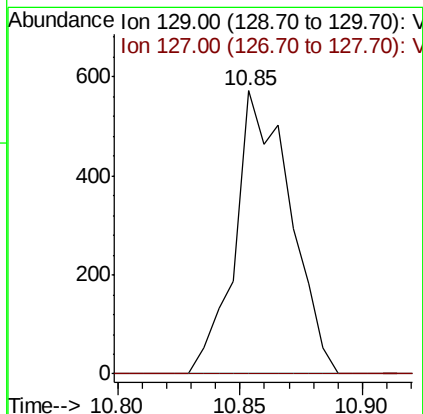
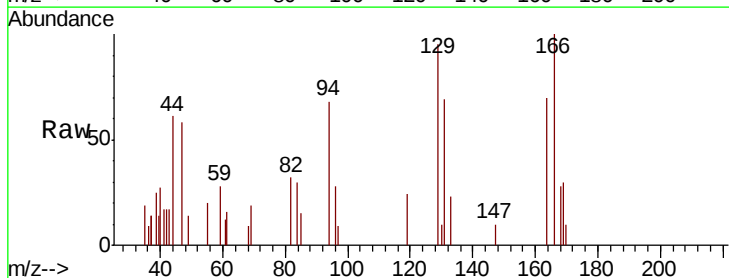
Instrument :
MSVOA_W
ClientSampled :

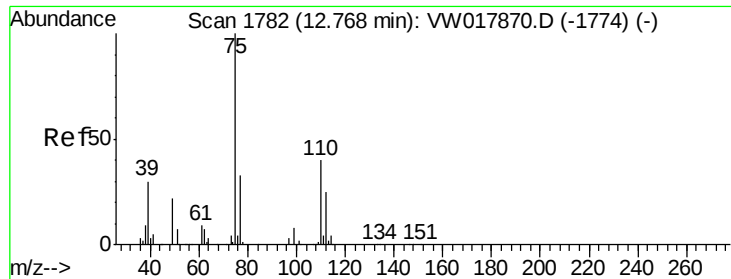
Tot Ion: 43 Resp: 1768
Ion Ratio Lower Upper
43 100
58 56.6 44.2 66.4
57 4.9 16.1 24.1#
100 2.9 11.0 16.4#



#50
Dibromochloromethane
Concen: 0.267 ug/L
RT: 10.85 min Scan# 1468
Delta R.T. -0.27 min
Lab File: VW017876.D
Acq: 14 Jan 2021 13:43

Tgt Ion: 129 Resp: 893
Ion Ratio Lower Upper
129 100
127 0.0 56.1 104.3#





#59

1,2,3-Trichloropropane

Concen: 8.159 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017876.D

Acq: 14 Jan 2021 13:43

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 18890

Ion Ratio Lower Upper

75 100

77 35.2 25.4 38.0

