

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011421\
 Data File : VW017886.D
 Acq On : 14 Jan 2021 17:39
 Operator : SY/VA
 Sample : M1132-16
 Misc : 5.42G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 14 21:47:13 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	314506	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	272628	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	111824	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	126296	25.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.80%
7) Chloroethane-d5	2.89	69	101947	25.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.52%
10) 1,1-Dichloroethene-d2	4.01	63	149256	17.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.40%
20) 2-Butanone-d5	7.10	46	40074	50.81	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.62%
24) Chloroform-d	7.65	84	193435	23.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.16%
26) 1,2-Dichloroethane-d4	8.31	65	111204	26.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.56%
29) Benzene-d6	8.27	84	383513	24.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.88%
33) 1,2-Dichloropropane-d6	9.27	67	110293	26.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.20%
37) Toluene-d8	10.32	98	342987	23.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.00%
38) trans-1,3-Dichloropropene-	10.58	79	40811	21.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.52%
39) 2-Hexanone-d5	10.93	63	26959	50.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	79020	25.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	93636	24.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.20%

Target Compounds

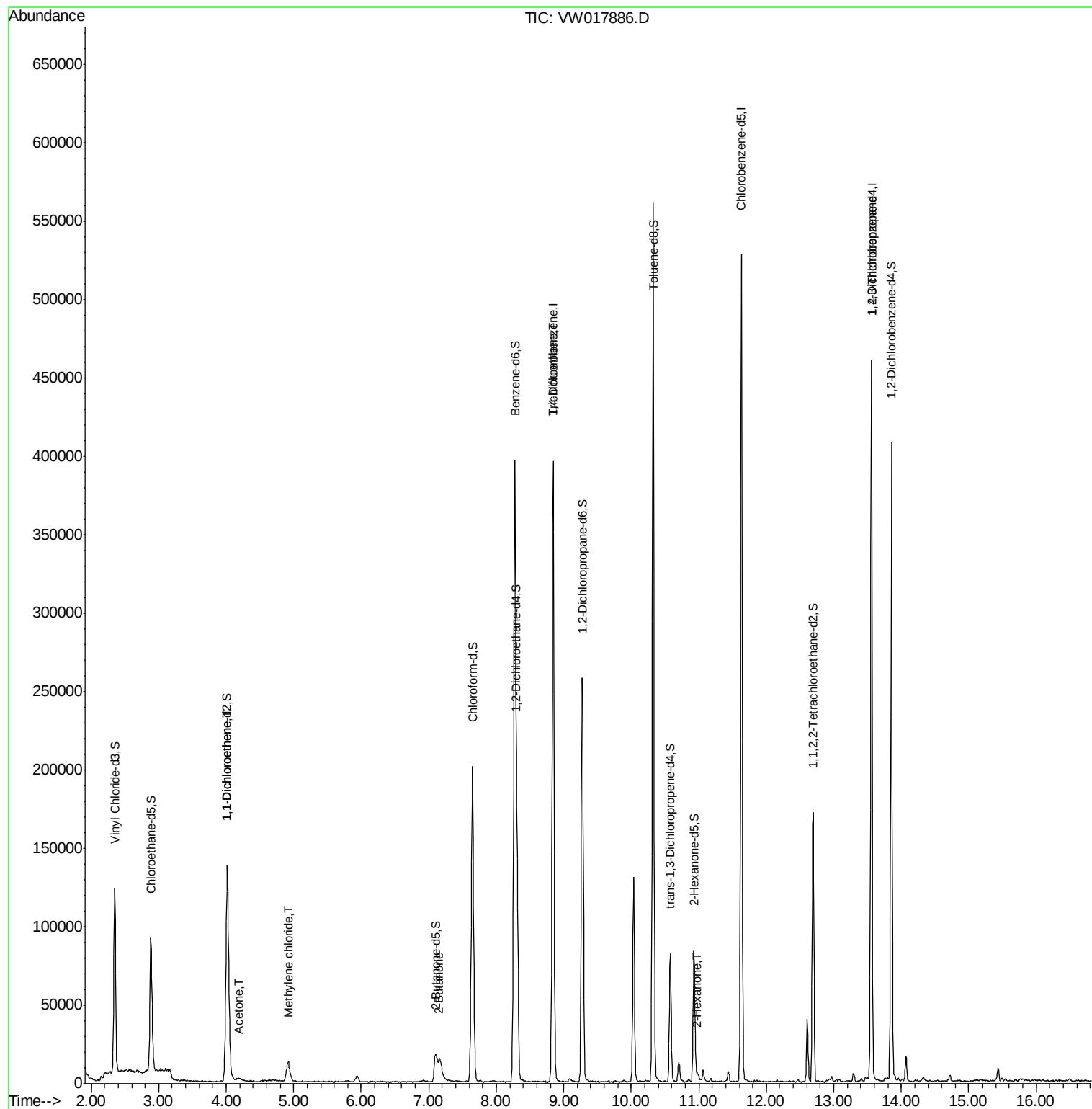
					Ovalue
12) 1,1-Dichloroethene	4.01	96	1395	0.360 ug/L #	1
13) Acetone	4.17	43	1979	2.906 ug/L	94
16) Methylene chloride	4.91	84	4555	1.013 ug/L	96
21) 2-Butanone	7.15	43	825	0.901 ug/L	82
35) Trichloroethene	8.84	95	10167	2.356 ug/L #	4
49) 2-Hexanone	10.98	43	953	0.751 ug/L #	77
59) 1,2,3-Trichloropropane	13.55	75	17601	7.843 ug/L	98

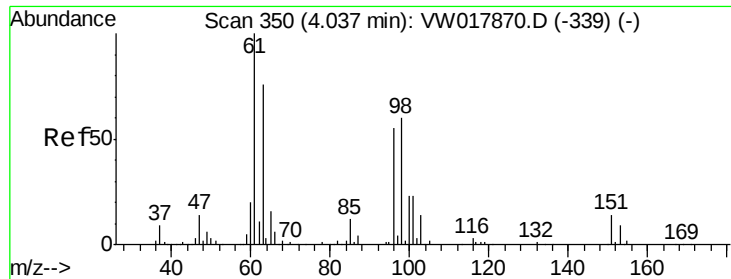
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#12

1,1-Dichloroethene

Concen: 0.360 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.02 min

Lab File: VW017886.D

Acq: 14 Jan 2021 17:39

Instrument :

MSVOA_W

ClientSampleId :

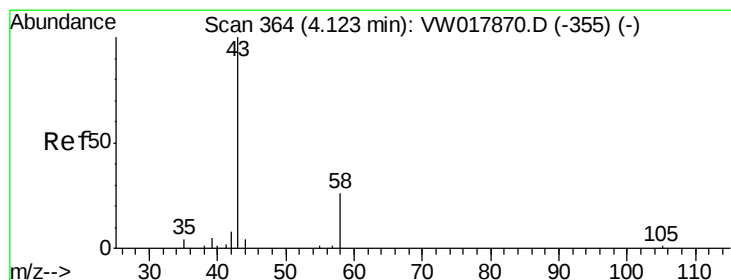
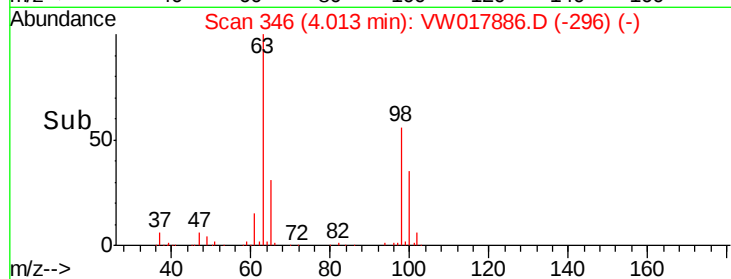
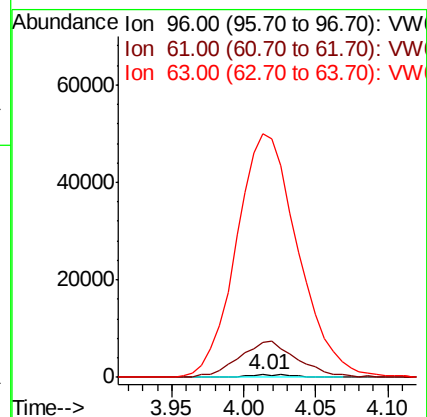
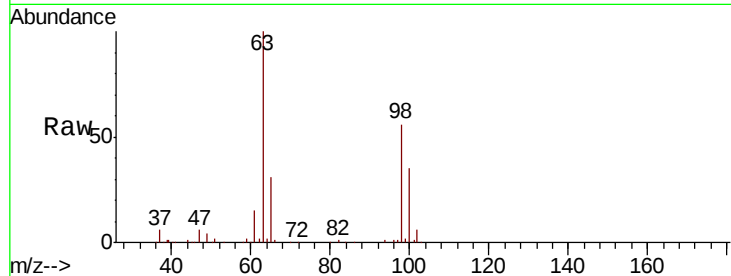
Tot Ion: 96 Resp: 1395

Ion Ratio Lower Upper

96 100

61 1303.4 126.1 234.1#

63 8950.5 90.0 167.2#



#13

Acetone

Concen: 2.906 ug/L

RT: 4.17 min Scan# 372

Delta R.T. 0.05 min

Lab File: VW017886.D

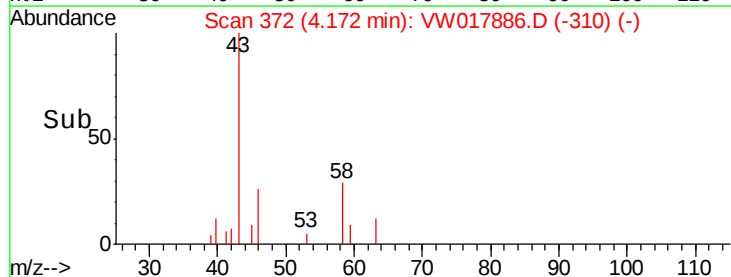
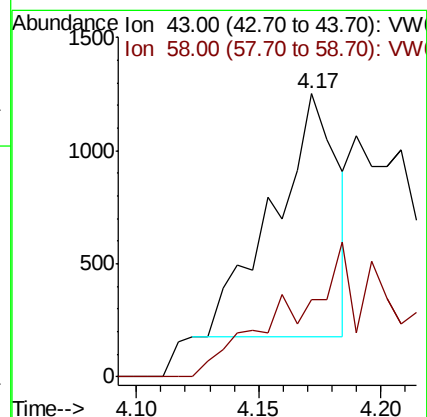
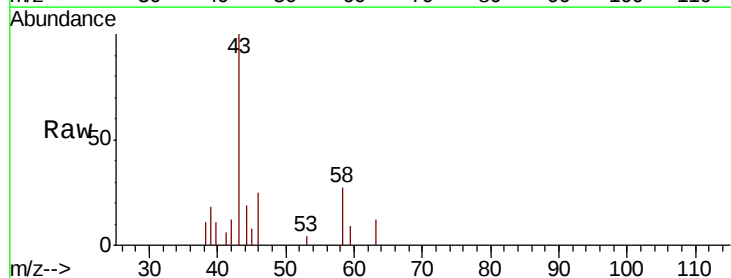
Acq: 14 Jan 2021 17:39

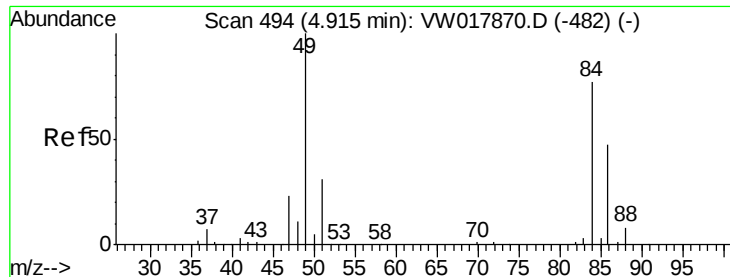
Tgt Ion: 43 Resp: 1979

Ion Ratio Lower Upper

43 100

58 27.2 0.0 60.8

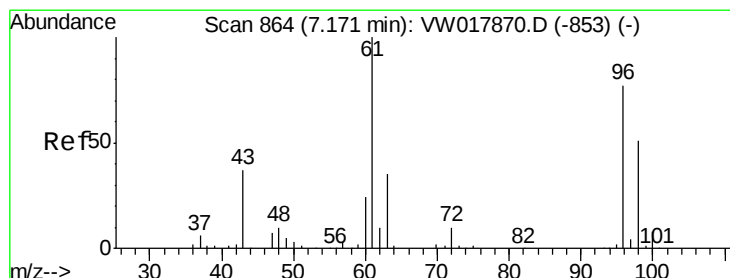
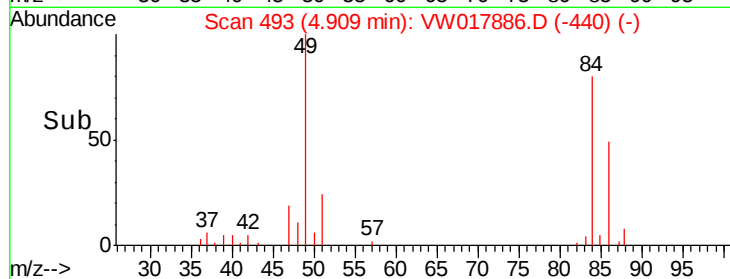
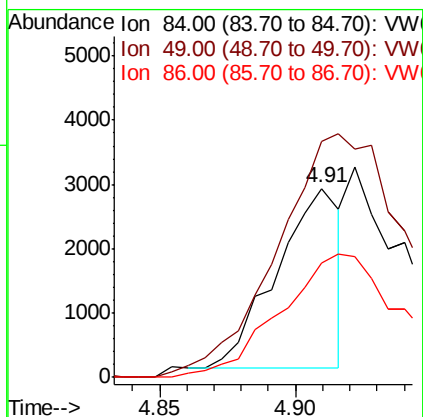
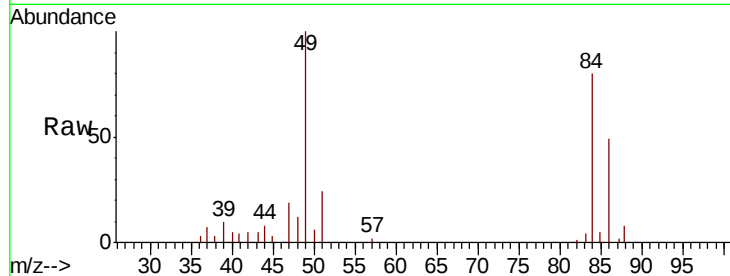




#16
Methvlene chloride
Concen: 1.013 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW017886.D
Acq: 14 Jan 2021 17:39

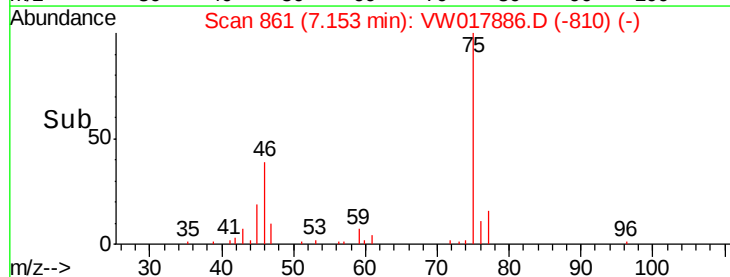
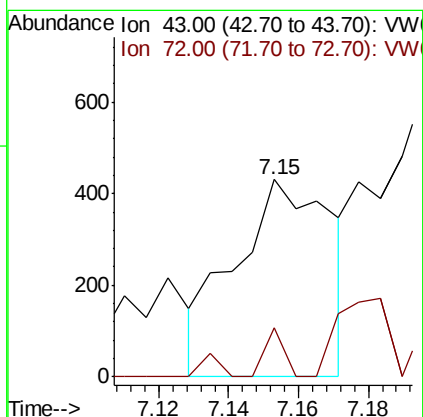
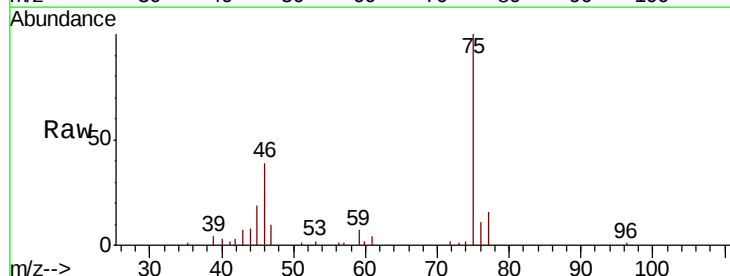
Instrument :
MSVOA_W
ClientSampled :

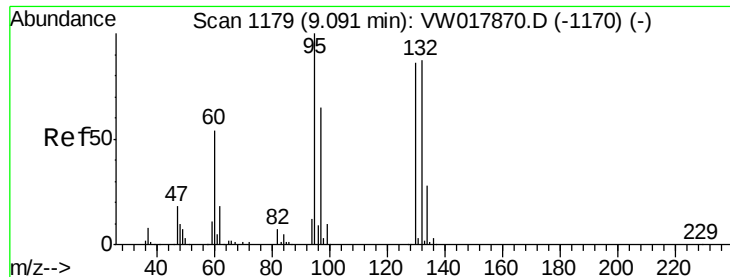
Tot Ion: 84 Resp: 4555
Ion Ratio Lower Upper
84 100
49 124.8 90.5 168.1
86 60.7 44.8 83.2



#21
2-Butanone
Concen: 0.901 ug/L
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW017886.D
Acq: 14 Jan 2021 17:39

Tgt Ion: 43 Resp: 825
Ion Ratio Lower Upper
43 100
72 21.0 15.4 46.2





#35

Trichloroethene

Concen: 2.356 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017886.D

Acq: 14 Jan 2021 17:39

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 10167

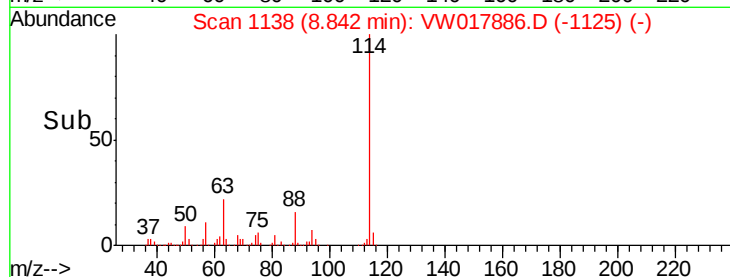
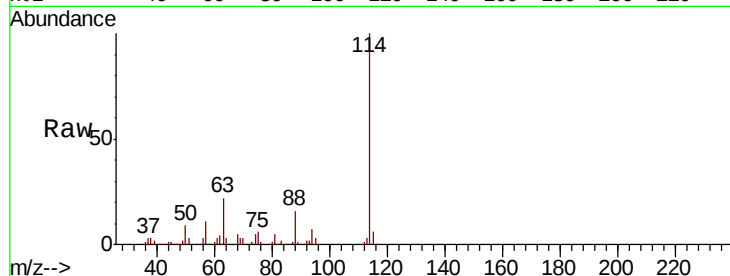
Ion Ratio Lower Upper

95 100

97 0.0 46.8 87.0#

132 0.5 68.3 126.9#

130 0.0 71.8 133.4#

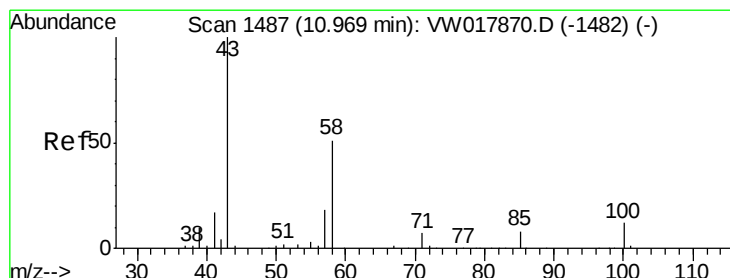
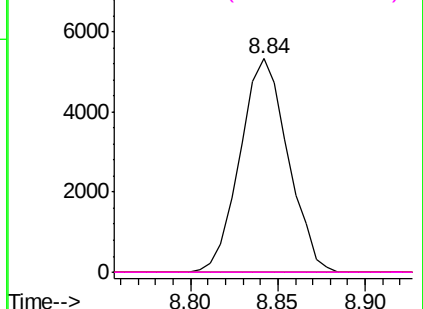


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#49

2-Hexanone

Concen: 0.751 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017886.D

Acq: 14 Jan 2021 17:39

Tgt Ion: 43 Resp: 953

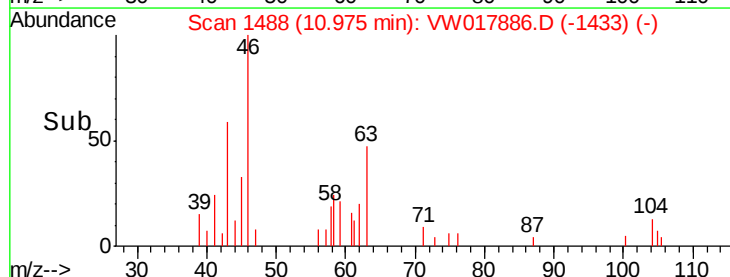
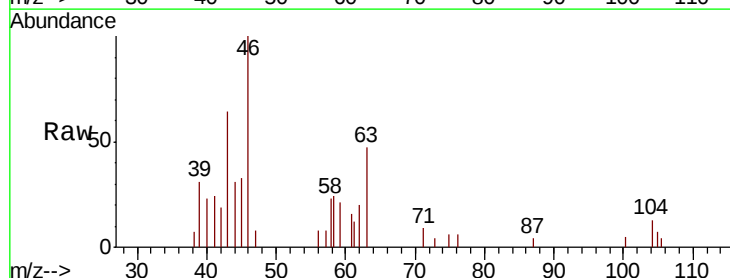
Ion Ratio Lower Upper

43 100

58 78.9 44.2 66.4#

57 15.3 16.1 24.1#

100 15.7 11.0 16.4

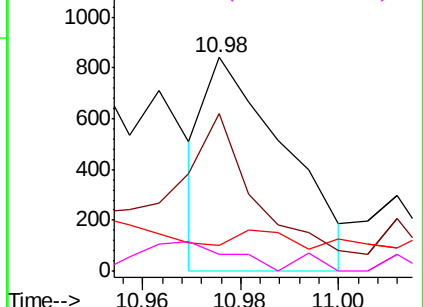


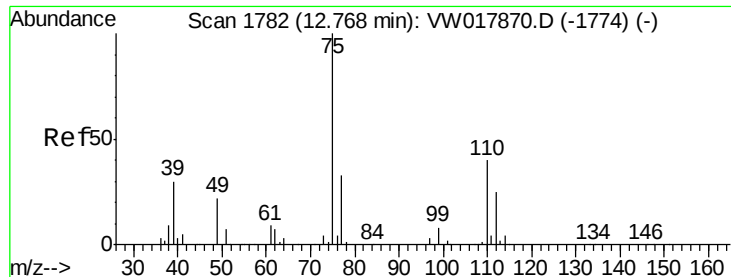
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#59

1,2,3-Trichloropropane

Concen: 7.843 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017886.D

Acq: 14 Jan 2021 17:39

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 17601

Ion Ratio Lower Upper

75 100

77 33.0 25.4 38.0

