

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW113020\
 Data File : VW017512.D
 Acq On : 30 Nov 2020 11:43
 Operator : SY/VA
 Sample : L4860-20
 Misc : 5.04G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Nov 30 12:34:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 30 12:31:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	453658	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	411104	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	216082	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	135671	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.92%
7) Chloroethane-d5	2.89	69	109046	21.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.60%
10) 1,1-Dichloroethene-d2	4.03	63	229641	17.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.12%
20) 2-Butanone-d5	7.08	46	63481	50.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.88%
24) Chloroform-d	7.65	84	307283	23.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.36%
26) 1,2-Dichloroethane-d4	8.30	65	158226	25.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.08%
29) Benzene-d6	8.28	84	607957	24.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.20%
33) 1,2-Dichloropropane-d6	9.27	67	173300	24.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.08%
37) Toluene-d8	10.33	98	560725	24.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.44%
38) trans-1,3-Dichloropropene-	10.58	79	78779	25.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.80%
39) 2-Hexanone-d5	10.93	63	46439	53.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129086	25.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	202066	25.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.04%

Target Compounds

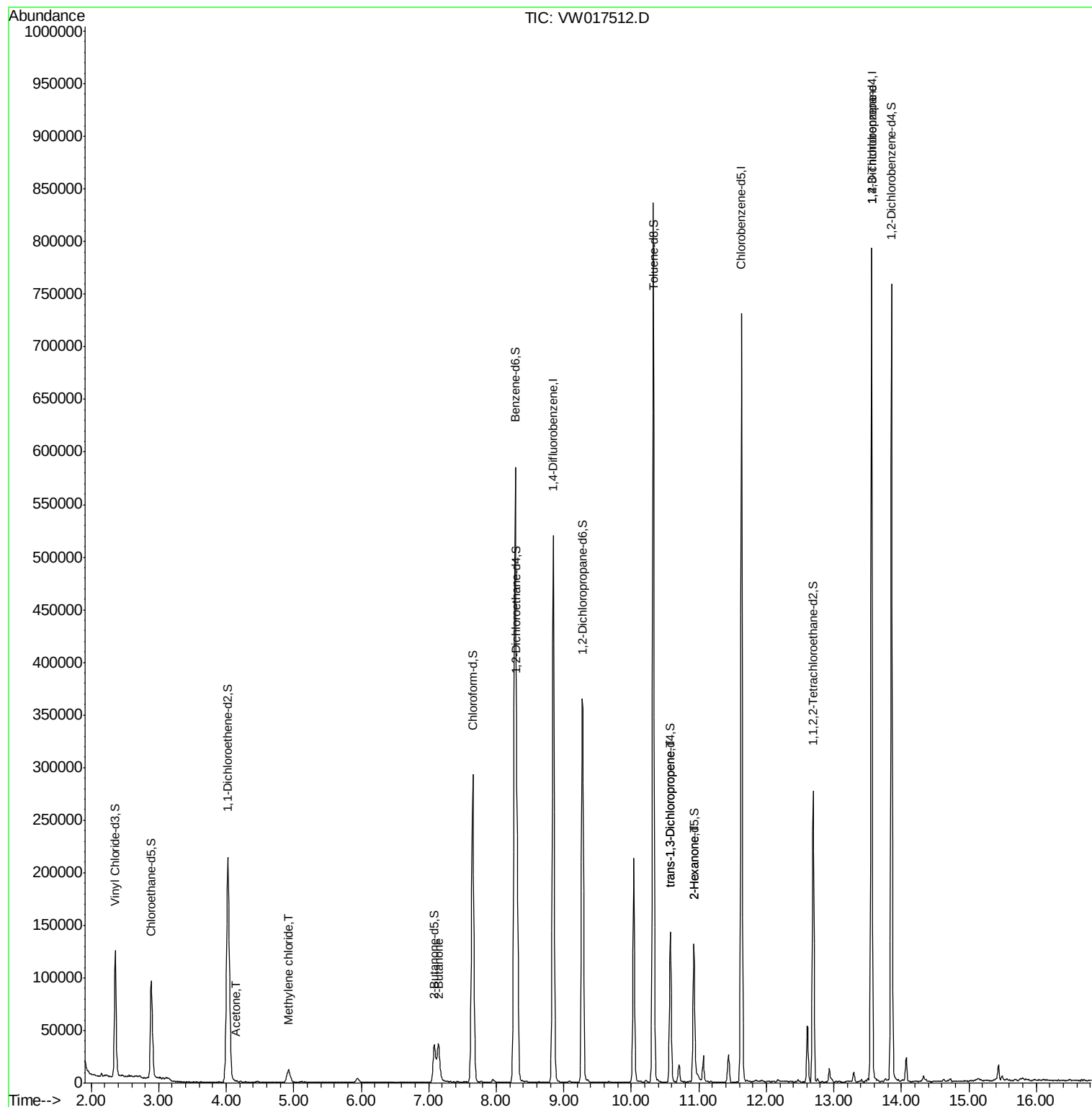
					Qvalue
13) Acetone	4.14	43	1286	1.062 ug/L	73
16) Methylene chloride	4.92	84	10038	1.474 ug/L	90
21) 2-Butanone	7.14	43	1017	0.702 ug/L	92
45) trans-1,3-Dichloropropene	10.59	75	3813	0.495 ug/L	87
49) 2-Hexanone	10.93	43	5571	2.952 ug/L #	61
59) 1,2,3-Trichloropropane	13.56	75	24109	6.979 ug/L	98

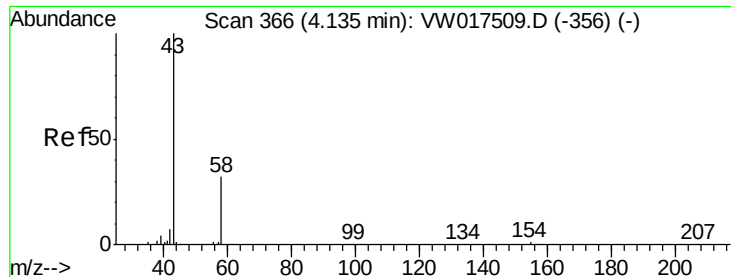
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Nov 30 12:31:54 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.062 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017512.D

Acq: 30 Nov 2020 11:43

Instrument :

MSVOA_W

ClientSampled :

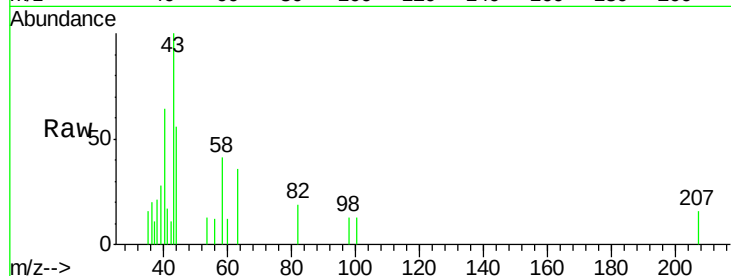
VHBLK01

Tgt Ion: 43 Resp: 1286

Ion Ratio Lower Upper

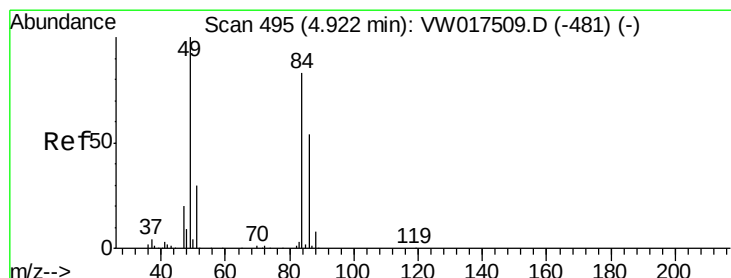
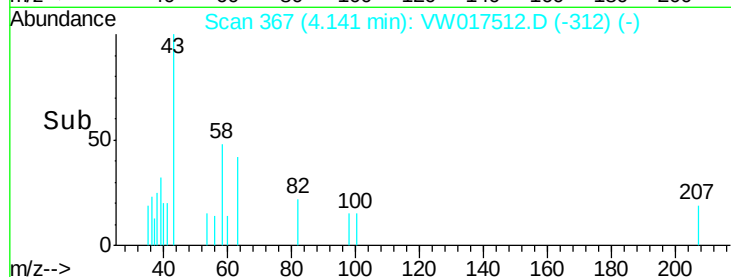
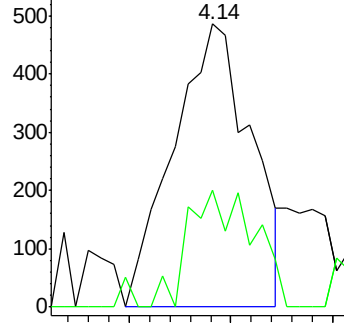
43 100

58 18.7 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.474 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW017512.D

Acq: 30 Nov 2020 11:43

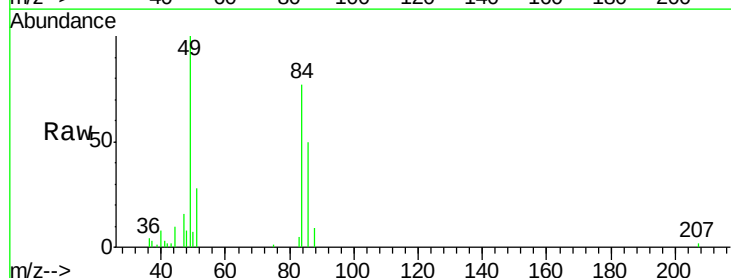
Tgt Ion: 84 Resp: 10038

Ion Ratio Lower Upper

84 100

49 130.6 81.2 150.8

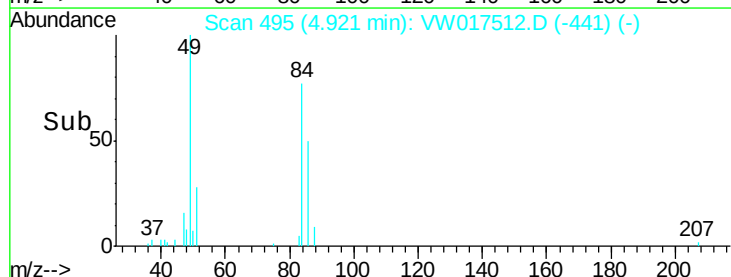
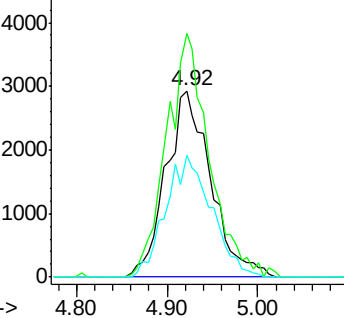
86 65.4 44.5 82.7

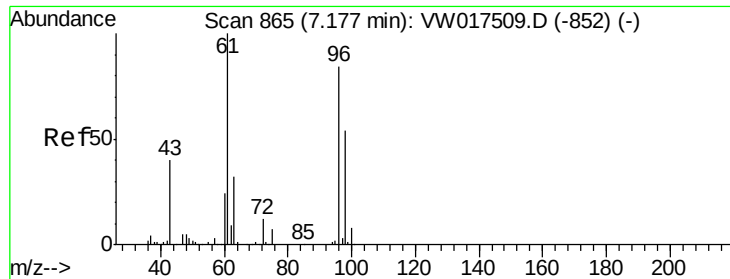


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 0.702 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

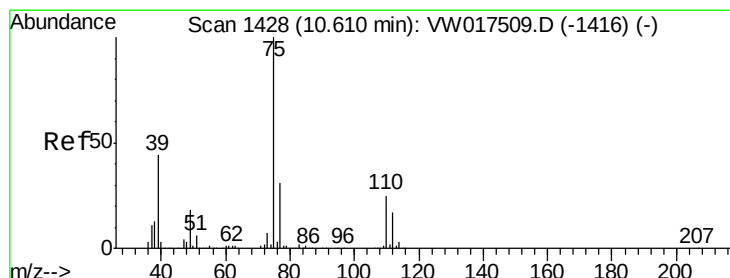
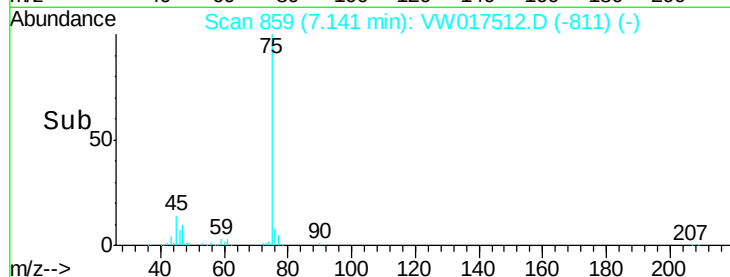
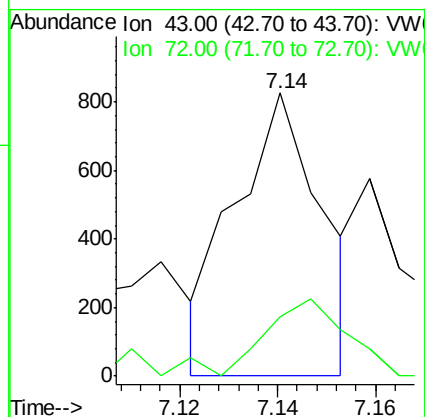
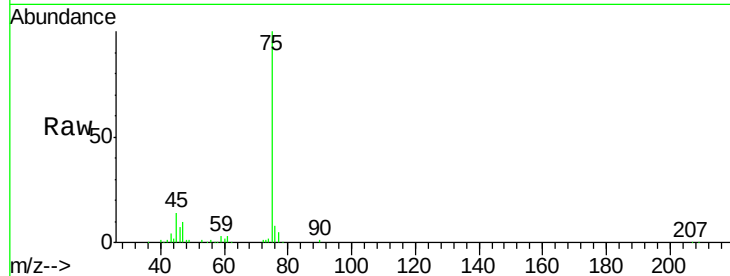
VHBLK01

Tgt Ion: 43 Resp: 1017

Ion Ratio Lower Upper

43 100

72 24.7 14.4 43.2



#45

trans-1,3-Dichloropropene

Concen: 0.495 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017512.D

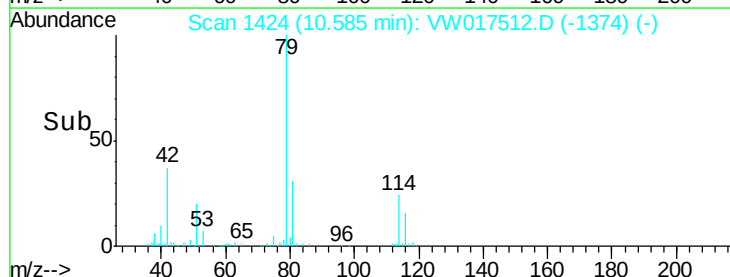
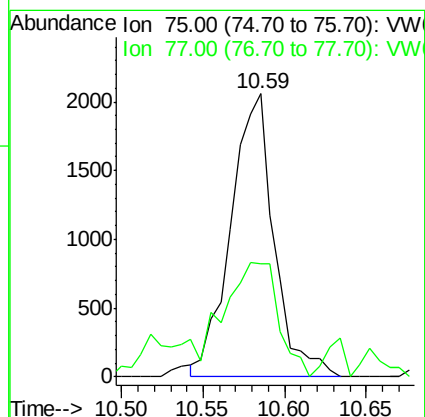
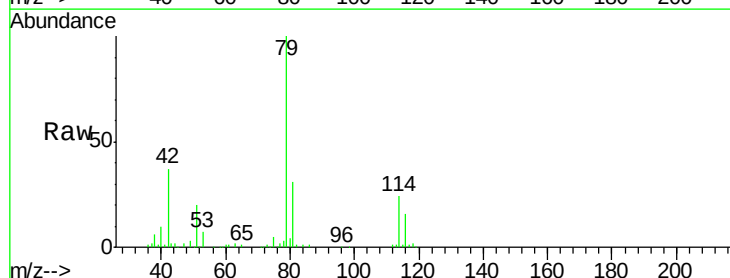
Acq: 30 Nov 2020 11:43

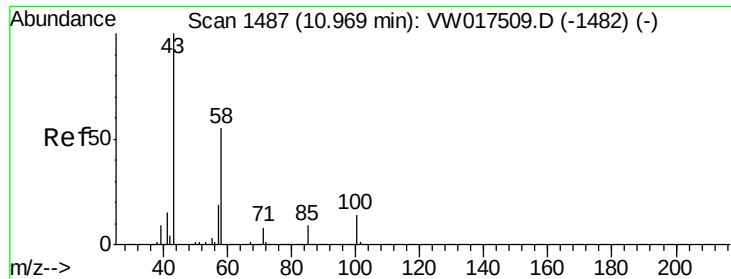
Tgt Ion: 75 Resp: 3813

Ion Ratio Lower Upper

75 100

77 39.8 22.6 42.0

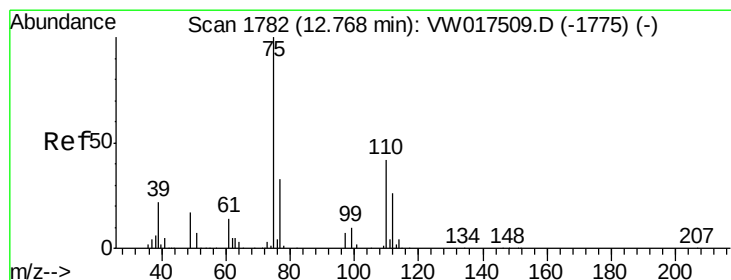
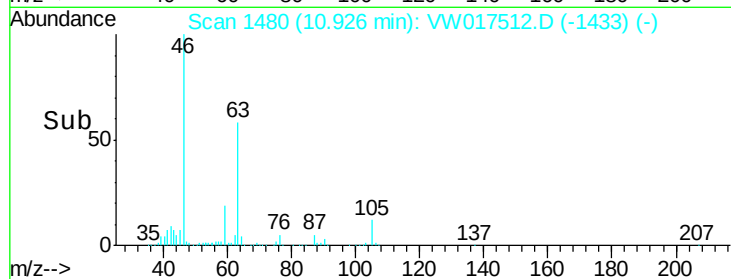
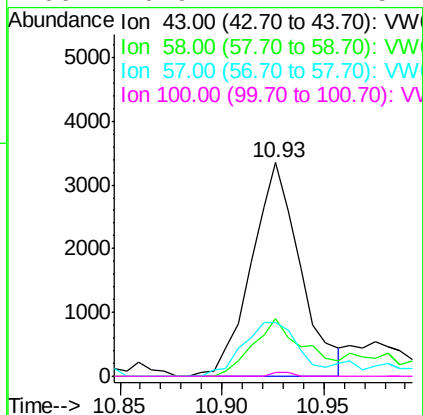
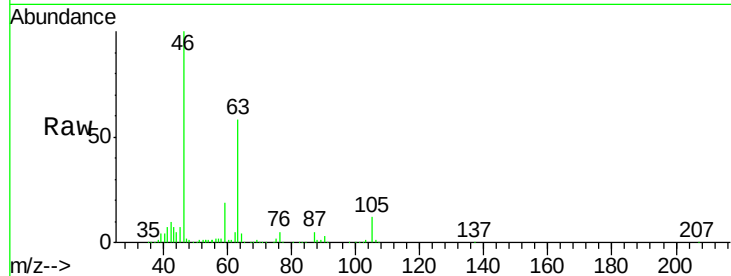




#49
2-Hexanone
Concen: 2.952 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW017512.D
Acq: 30 Nov 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 5571
Ion Ratio Lower Upper
43 100
58 28.9 51.3 76.9#
57 28.9 15.0 22.6#
100 0.9 12.2 18.2#



#59
1,2,3-Trichloropropane
Concen: 6.979 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW017512.D
Acq: 30 Nov 2020 11:43

Tgt Ion: 75 Resp: 24109
Ion Ratio Lower Upper
75 100
77 34.2 26.6 39.8

