

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060820\
 Data File : VW015557.D
 Acq On : 08 Jun 2020 14:50
 Operator : SY/VA
 Sample : L2754-14
 Misc : 4.22G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 09 02:04:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	388449	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	339003	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144528	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	115375	32.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	129.64%
7) Chloroethane-d5	2.90	69	90871	25.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.68%
10) 1,1-Dichloroethene-d2	4.01	63	167230	19.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.12%
20) 2-Butanone-d5	7.09	46	39223	33.75	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.50%
24) Chloroform-d	7.65	84	200690	22.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.36%
26) 1,2-Dichloroethane-d4	8.31	65	107999	21.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.44%
29) Benzene-d6	8.27	84	413738	24.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.56%
33) 1,2-Dichloropropane-d6	9.27	67	116369	23.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.12%
37) Toluene-d8	10.32	98	377932	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.52%
38) trans-1,3-Dichloropropene-	10.58	79	47695	20.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.64%
39) 2-Hexanone-d5	10.93	63	30522	34.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	70318	18.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	106220	21.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.72%

Target Compounds

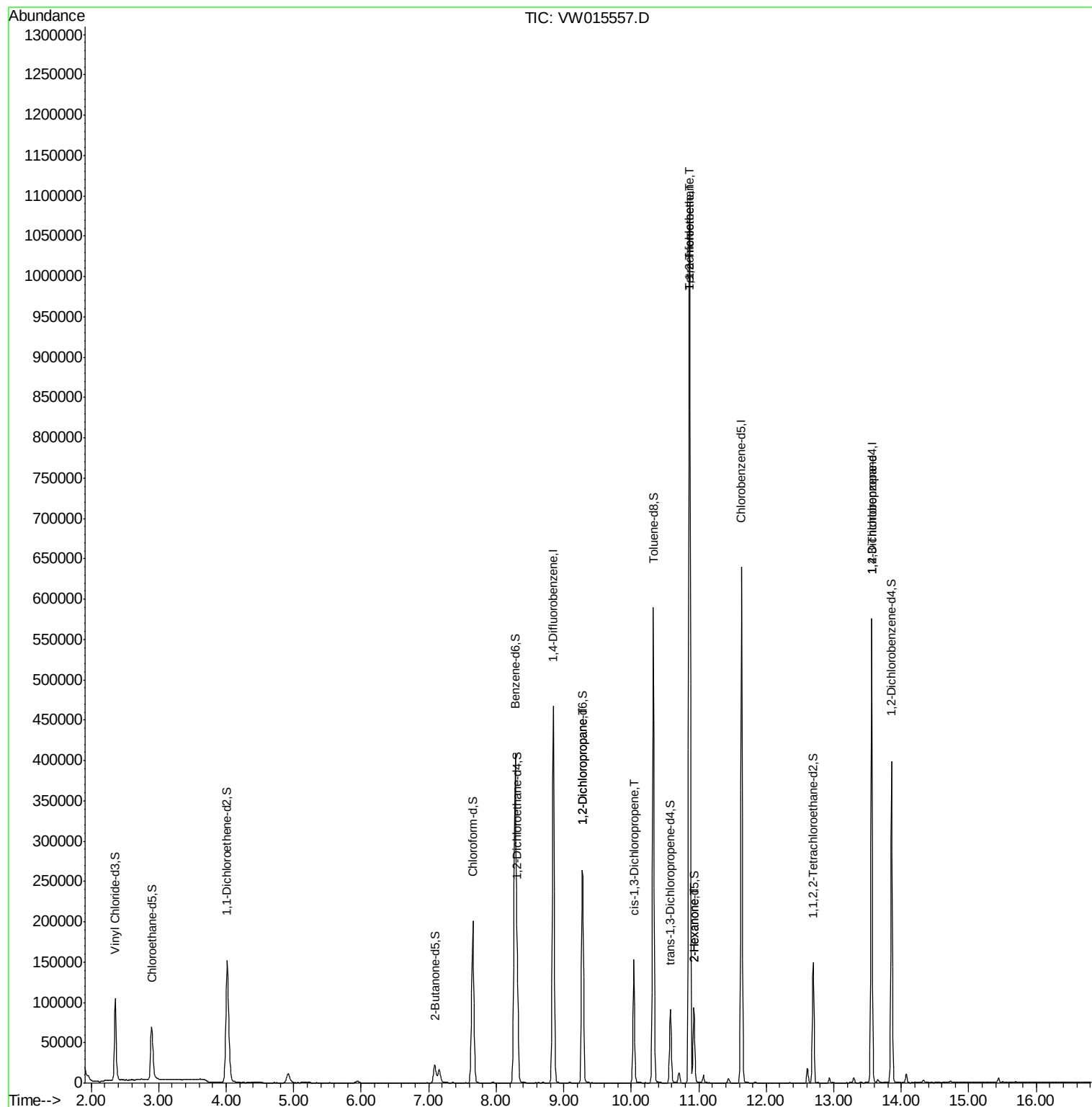
					Ovalue
40) 1,2-Dichloropropane	9.27	63	14343	3.072 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4001	0.536 ug/L	89
46) 1,1,2-Trichloroethane	10.86	97	2225	0.681 ug/L #	1
47) Tetrachloroethene	10.87	164	240634	59.611 ug/L	97
49) 2-Hexanone	10.93	43	4149	2.246 ug/L #	66
59) 1,2,3-Trichloropropane	13.56	75	17477	6.096 ug/L	90

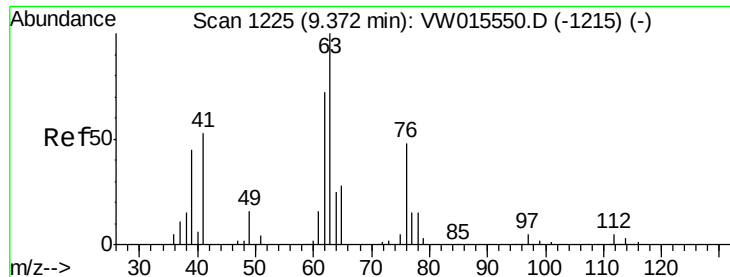
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 09 02:02:35 2020
Response via : Initial Calibration





#40

1,2-Dichloropropane

Concen: 3.072 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW015557.D

Acq: 08 Jun 2020 14:50

Instrument :

MSVOA_W

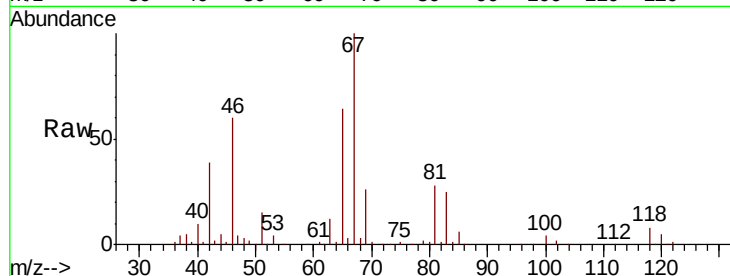
ClientSampleId :

Tot Ion: 63 Resp: 14343

Ion Ratio Lower Upper

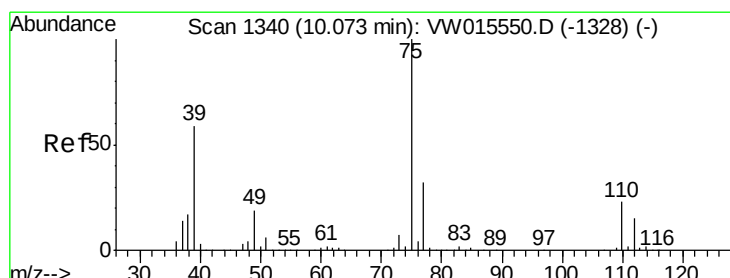
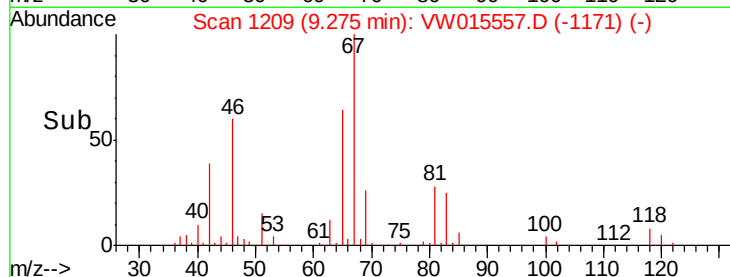
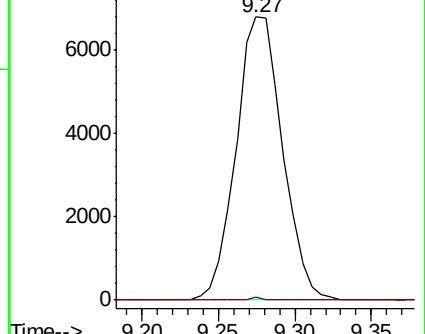
63 100

112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.536 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015557.D

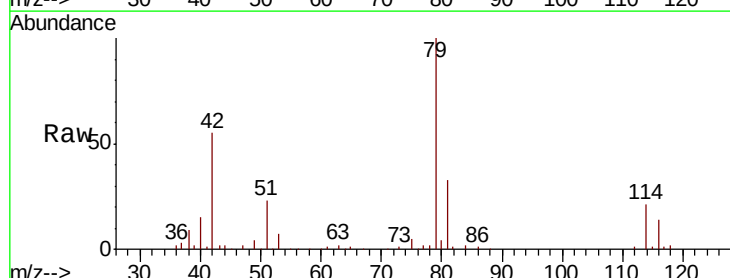
Acq: 08 Jun 2020 14:50

Tgt Ion: 75 Resp: 4001

Ion Ratio Lower Upper

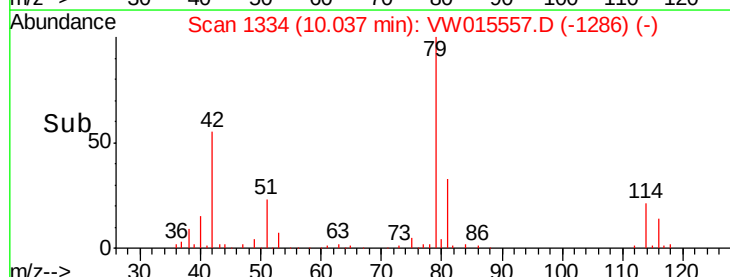
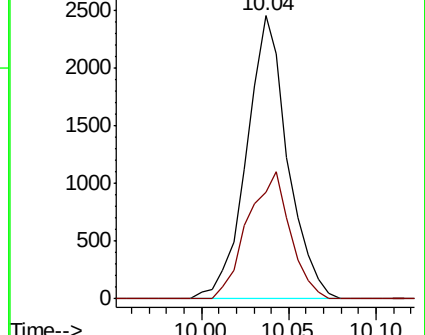
75 100

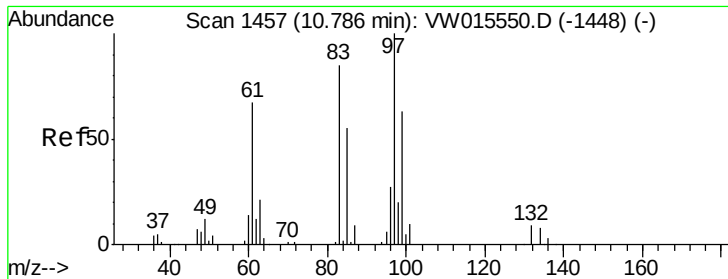
77 37.9 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#46

1,1,2-Trichloroethane

Concen: 0.681 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.07 min

Lab File: VW015557.D

Acq: 08 Jun 2020 14:50

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 97 Resp: 2225

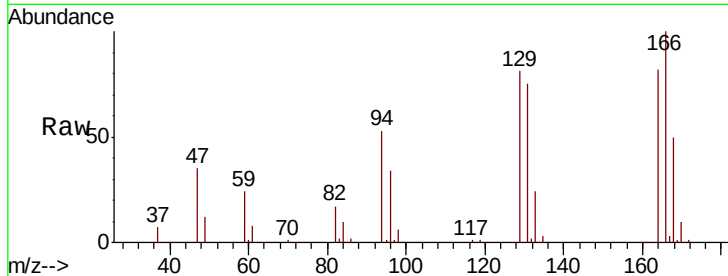
Ion Ratio Lower Upper

97 100

83 254.1 58.2 108.2#

85 46.0 37.4 69.4

99 14.4 43.7 81.1#



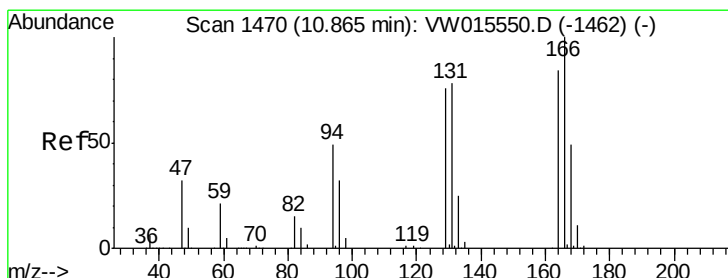
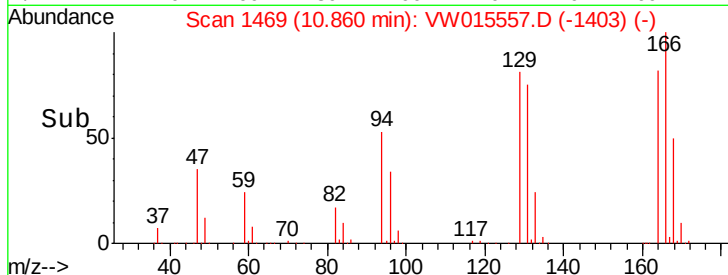
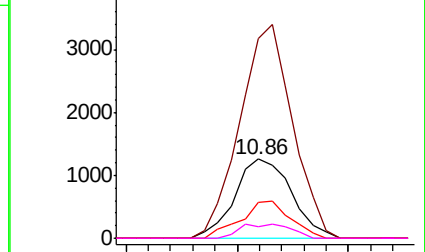
Abundance

Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



#47

Tetrachloroethene

Concen: 59.611 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW015557.D

Acq: 08 Jun 2020 14:50

Tgt Ion: 164 Resp: 240634

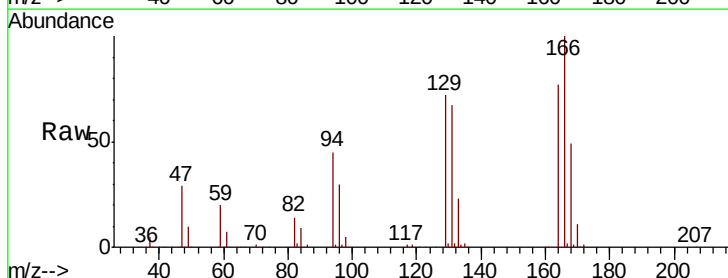
Ion Ratio Lower Upper

164 100

129 93.4 66.3 123.1

131 86.8 65.1 120.9

166 129.1 90.8 168.6



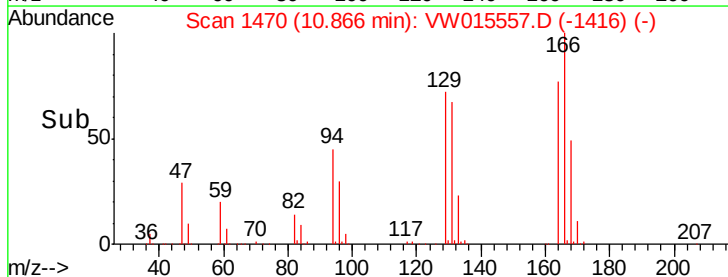
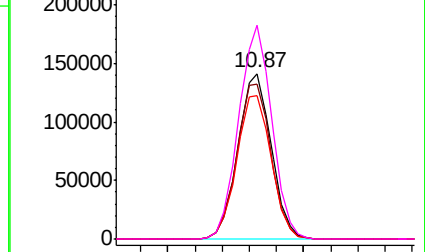
Abundance

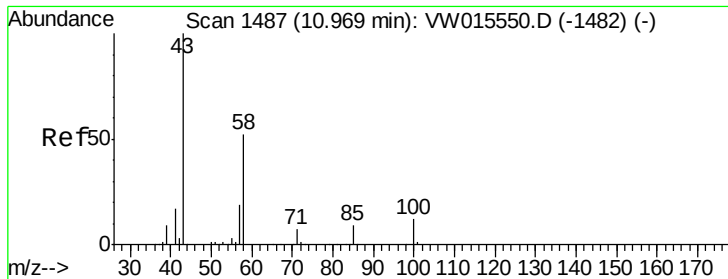
Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

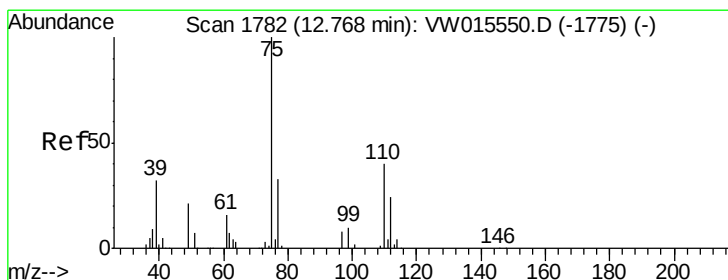
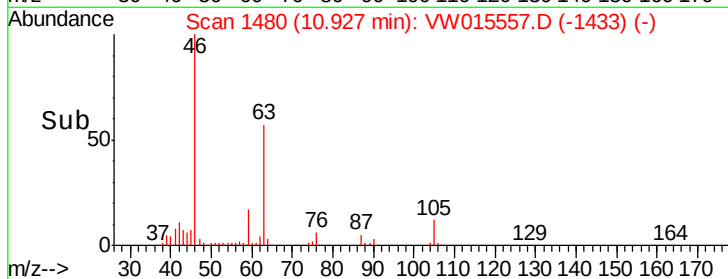
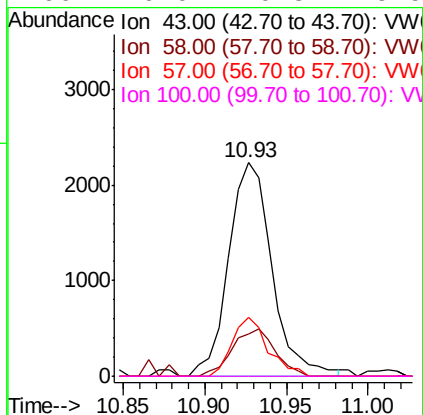
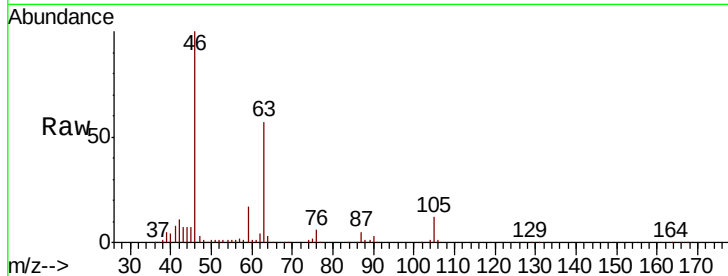




#49
2-Hexanone
Concen: 2.246 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW015557.D
Acq: 08 Jun 2020 14:50

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 4149
Ion Ratio Lower Upper
43 100
58 21.6 42.6 64.0#
57 22.7 15.5 23.3
100 0.0 10.3 15.5#



#59
1,2,3-Trichloropropane
Concen: 6.096 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW015557.D
Acq: 08 Jun 2020 14:50

Tgt Ion: 75 Resp: 17477
Ion Ratio Lower Upper
75 100
77 38.0 25.9 38.9

