

Data File : VW016848.D
Acq On : 08 Oct 2020 12:11
Operator : SY/VA
Sample : L4290-06
Misc : 5.08G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK02

Quant Time: Oct 09 08:09:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 08 11:39:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	542454	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	490938	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	232147	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	123632	23.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.40%
7) Chloroethane-d5	2.90	69	102882	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.68%
10) 1,1-Dichloroethene-d2	4.03	63	183225	16.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.48%
20) 2-Butanone-d5	7.09	46	49459	40.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.60%
24) Chloroform-d	7.65	84	254941	22.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.08%
26) 1,2-Dichloroethane-d4	8.31	65	125901	22.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.08%
29) Benzene-d6	8.28	84	520879	23.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.44%
33) 1,2-Dichloropropane-d6	9.28	67	140633	23.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.88%
37) Toluene-d8	10.33	98	485510	23.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.32%
38) trans-1,3-Dichloropropene-	10.59	79	54356	20.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.28%
39) 2-Hexanone-d5	10.93	63	40889	44.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	104895	21.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	180332	24.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.96%

Target Compounds

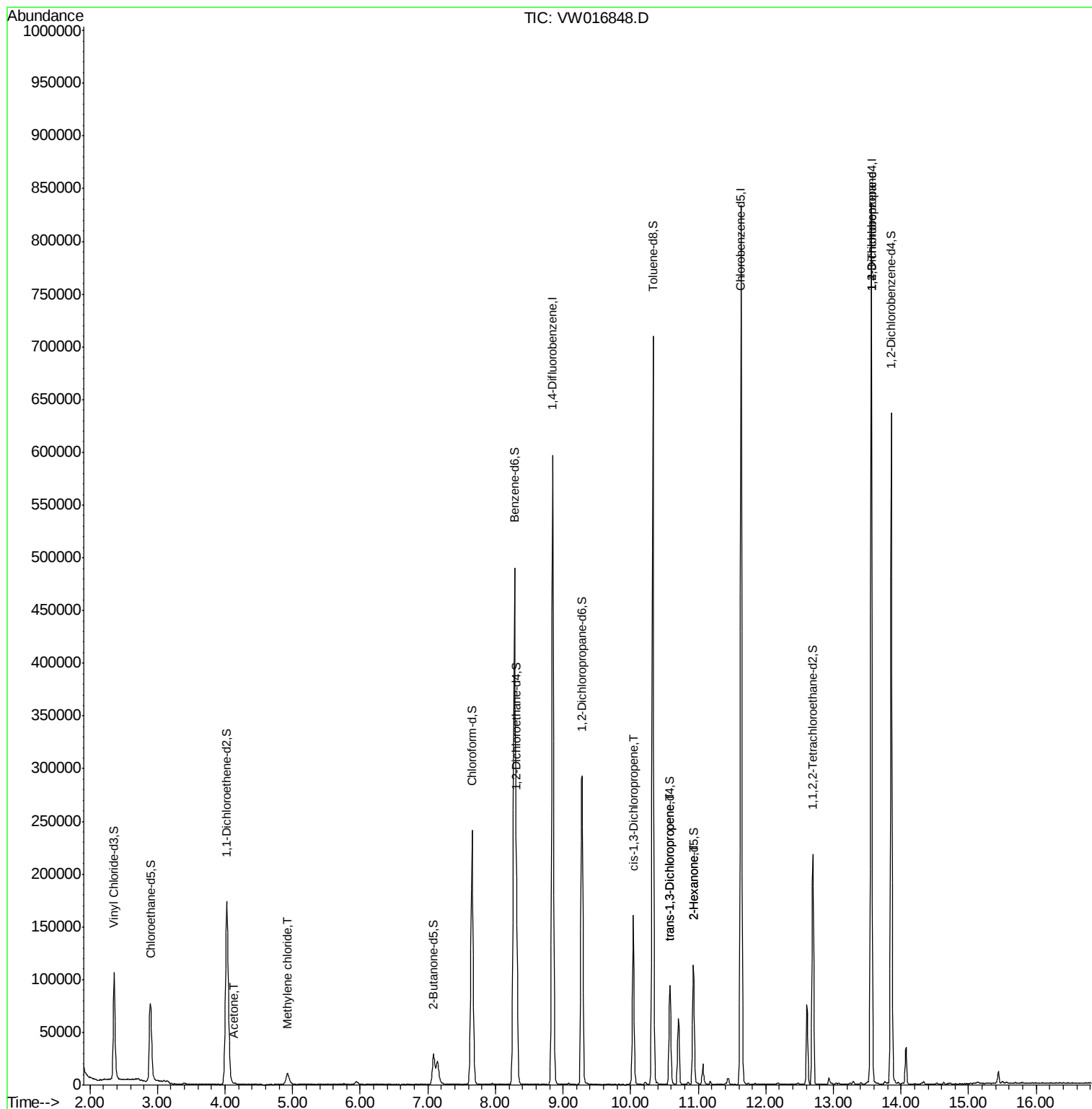
					Qvalue
13) Acetone	4.13	43	514	0.560 ug/L	92
16) Methylene chloride	4.92	84	9513	1.271 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	4120	0.433 ug/L #	55
45) trans-1,3-Dichloropropene	10.59	75	2592	0.324 ug/L	91
49) 2-Hexanone	10.93	43	4541	2.292 ug/L #	65
59) 1,2,3-Trichloropropane	13.56	75	23625	6.089 ug/L	92

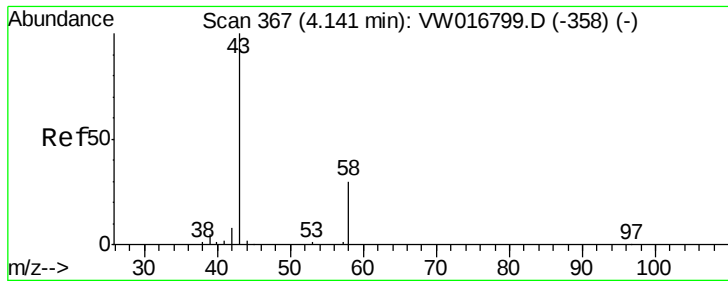
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.560 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW016848.D

Acq: 08 Oct 2020 12:11

Instrument :

MSVOA_W

ClientSampled :

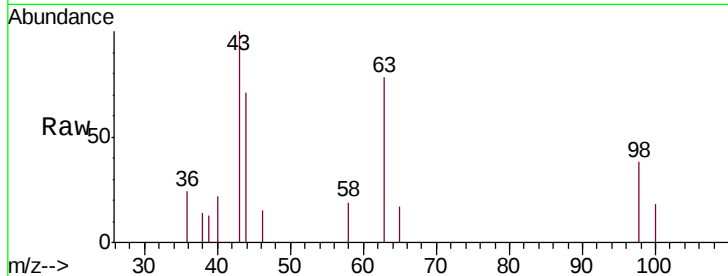
VHBLK02

Tgt Ion: 43 Resp: 514

Ion Ratio Lower Upper

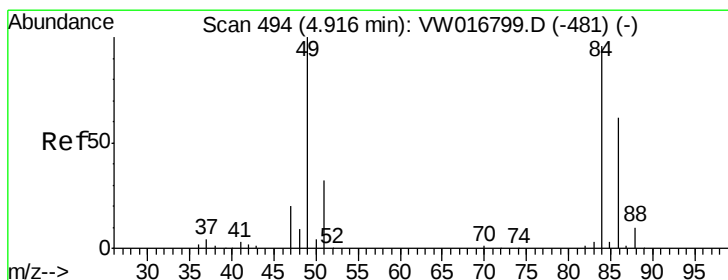
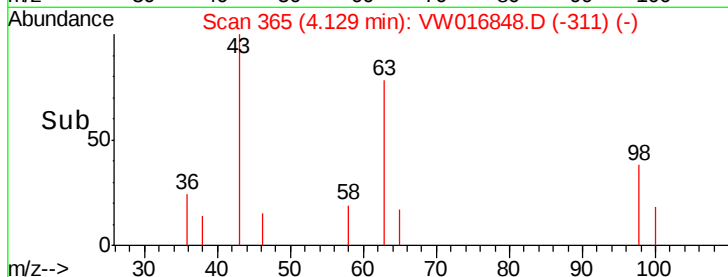
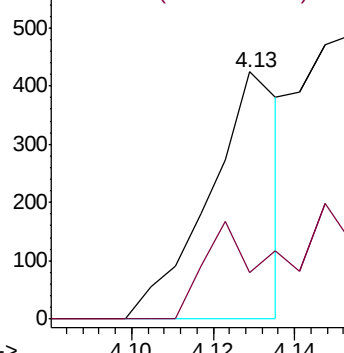
43 100

58 38.1 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.271 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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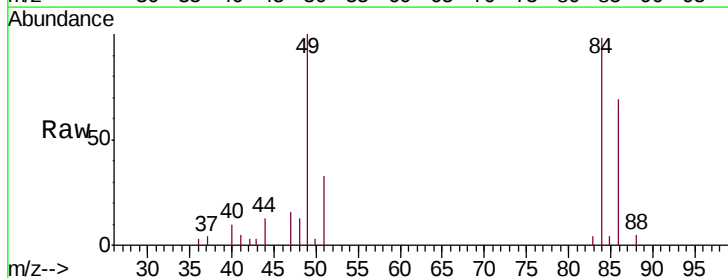
Tgt Ion: 84 Resp: 9513

Ion Ratio Lower Upper

84 100

49 102.2 73.1 135.8

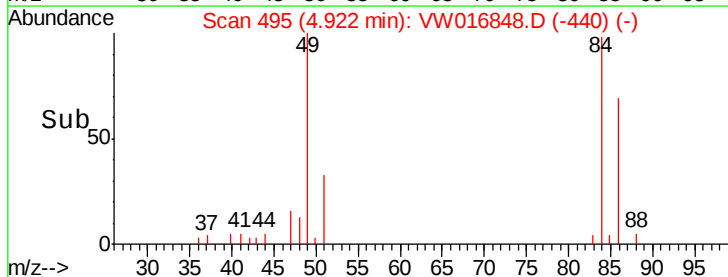
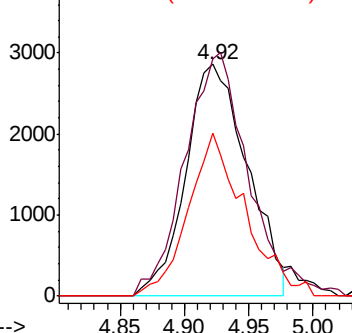
86 70.6 46.0 85.4

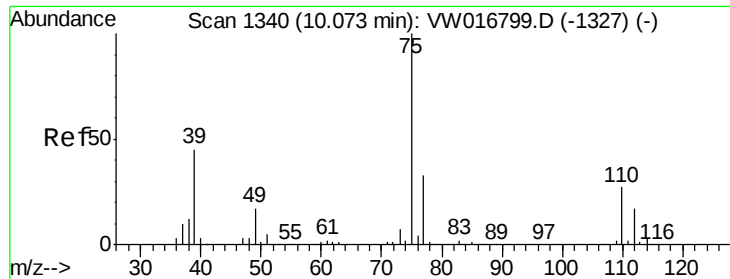


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.433 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

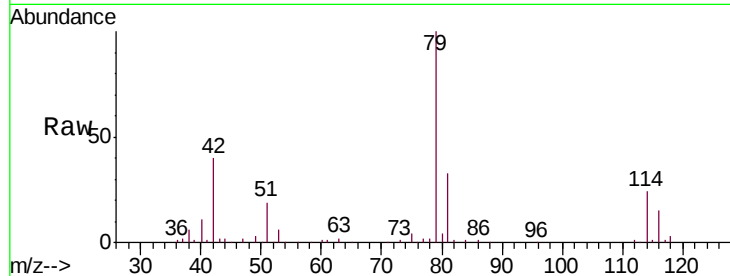
VHBLK02

Tgt Ion: 75 Resp: 4120

Ion Ratio Lower Upper

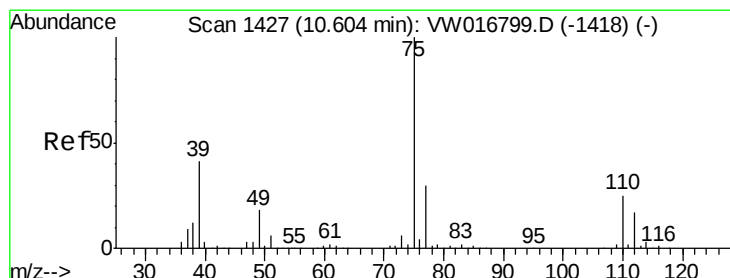
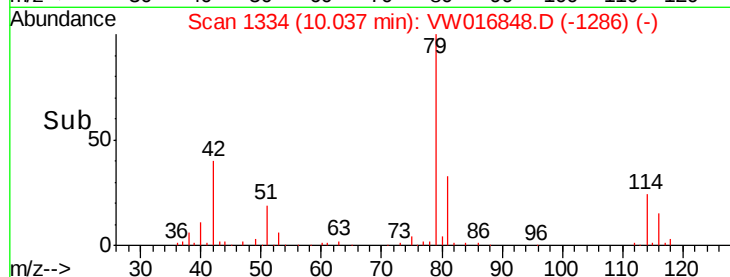
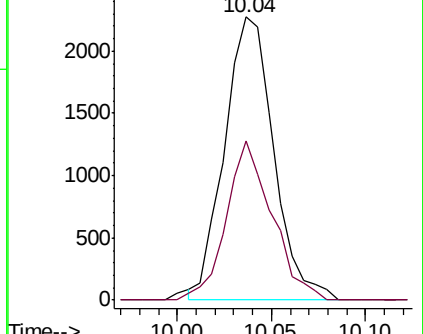
75 100

77 56.4 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.324 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016848.D

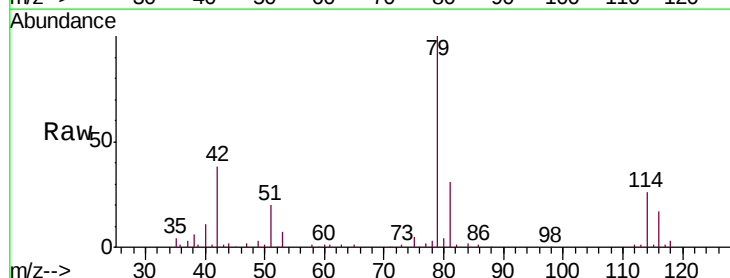
Acq: 08 Oct 2020 12:11

Tgt Ion: 75 Resp: 2592

Ion Ratio Lower Upper

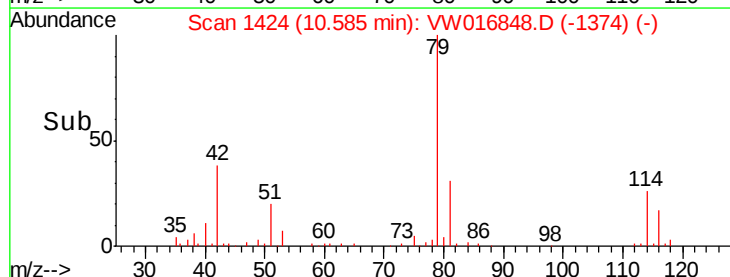
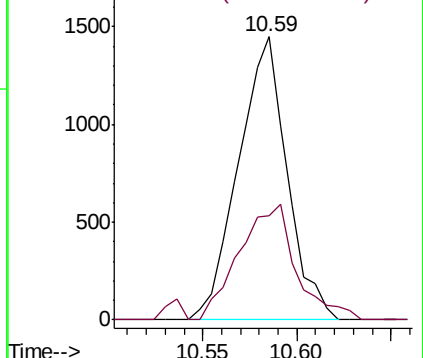
75 100

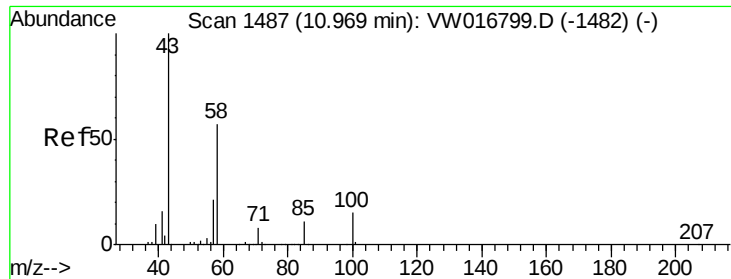
77 36.8 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

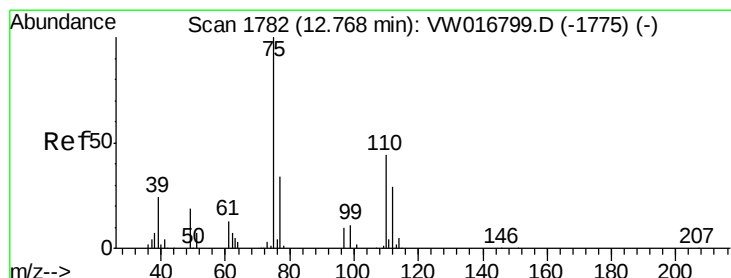
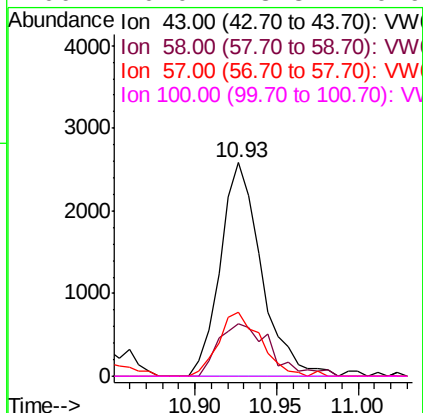
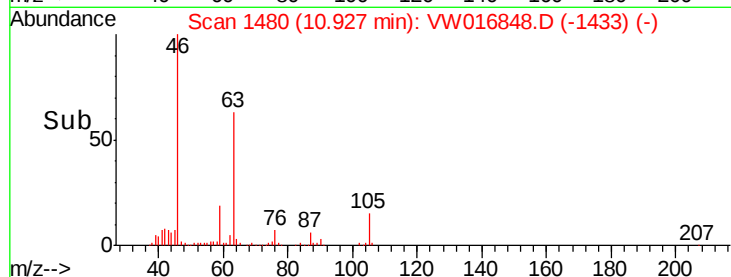
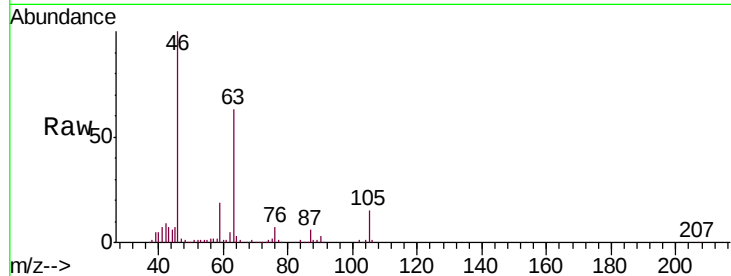




#49
2-Hexanone
Concen: 2.292 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW016848.D
Acq: 08 Oct 2020 12:11

Instrument :
MSVOA_W
ClientSampleId :
VHBLK02

Tgt Ion: 43 Resp: 4541
Ion Ratio Lower Upper
43 100
58 29.9 47.1 70.7#
57 30.5 16.2 24.4#
100 0.0 13.3 19.9#



#59
1,2,3-Trichloropropane
Concen: 6.089 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW016848.D
Acq: 08 Oct 2020 12:11

Tgt Ion: 75 Resp: 23625
Ion Ratio Lower Upper
75 100
77 37.2 26.2 39.2

