

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073020\
 Data File : VW016013.D
 Acq On : 30 Jul 2020 15:56
 Operator : SY/VA
 Sample : L3492-19
 Misc : 4.56G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 31 06:38:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 06:34:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	417188	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	374185	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	141634	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	119337	20.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.08%
7) Chloroethane-d5	2.90	69	97821	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.84%
10) 1,1-Dichloroethene-d2	4.01	63	183399	15.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.64%
20) 2-Butanone-d5	7.09	46	68288	44.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.32%
24) Chloroform-d	7.65	84	251968	21.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	8.31	65	139337	21.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.64%
29) Benzene-d6	8.27	84	509996	22.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.56%
33) 1,2-Dichloropropane-d6	9.28	67	158829	23.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.04%
37) Toluene-d8	10.32	98	439978	21.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.32%
38) trans-1,3-Dichloropropene-	10.58	79	60596	20.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.28%
39) 2-Hexanone-d5	10.93	63	50070	44.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122168	23.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	126658	22.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.72%

Target Compounds

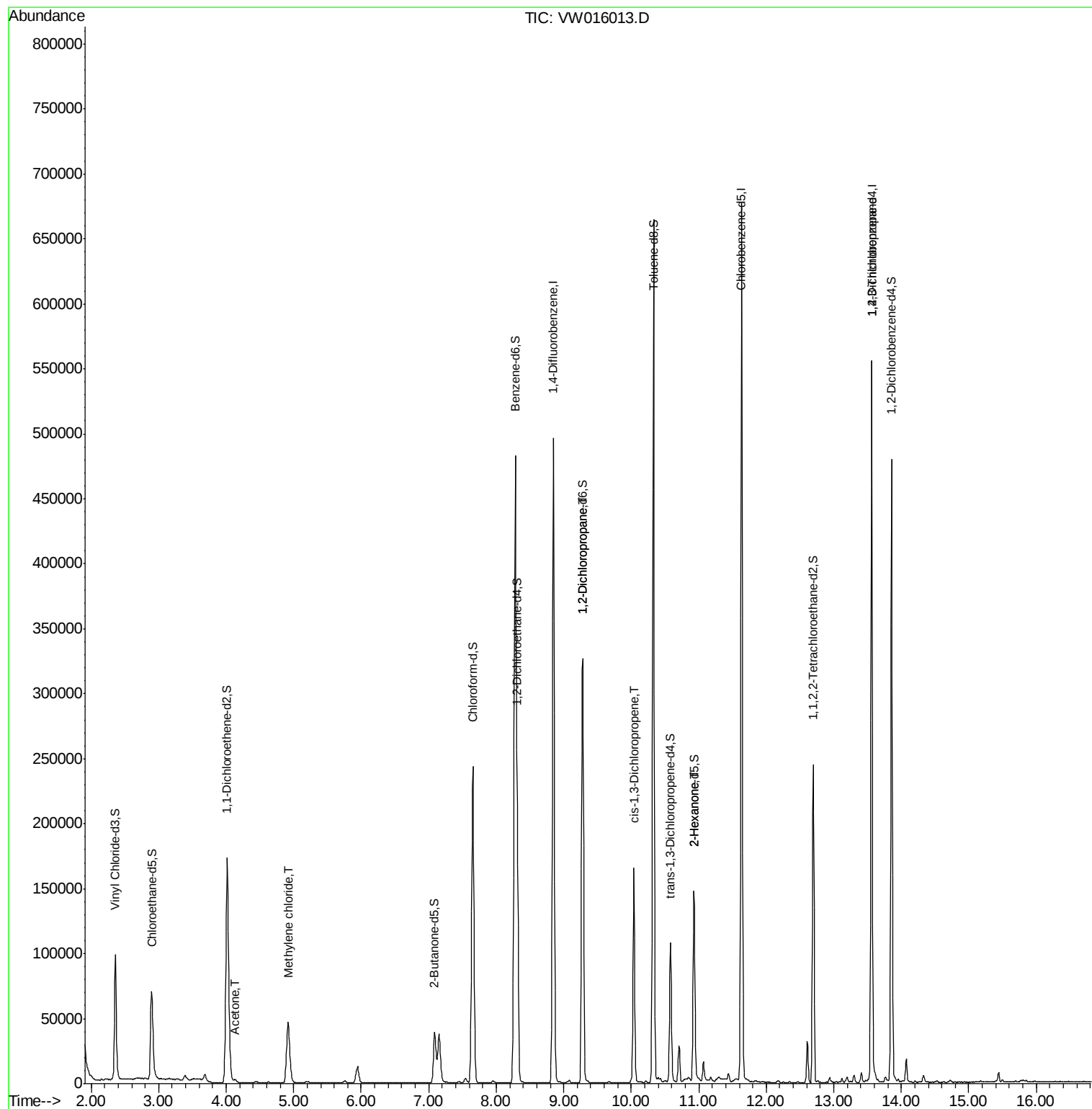
					Ovalue
13) Acetone	4.14	43	3307	2.547 ug/L	87
16) Methylene chloride	4.92	84	39273	5.745 ug/L	94
40) 1,2-Dichloropropane	9.28	63	17092	3.036 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	4011	0.468 ug/L #	71
49) 2-Hexanone	10.93	43	7348	3.151 ug/L #	66
59) 1,2,3-Trichloropropane	13.56	75	16934	4.754 ug/L	91

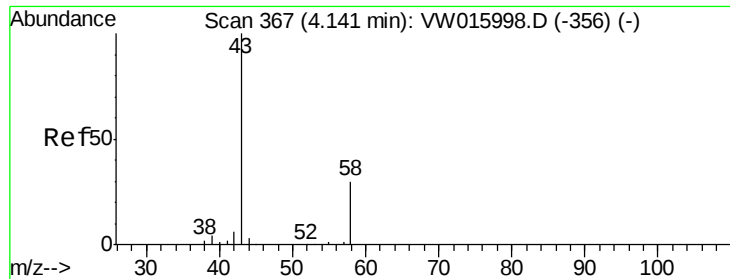
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 31 06:34:21 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.547 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW016013.D

Acq: 30 Jul 2020 15:56

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MSVOA_W

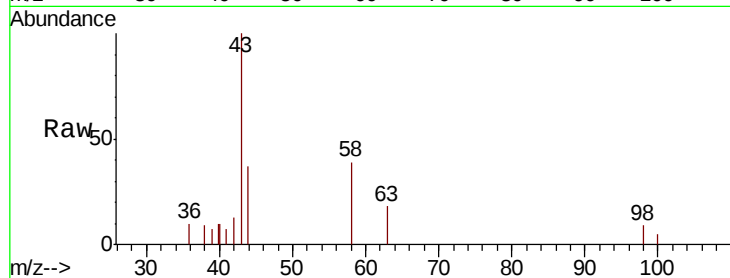
ClientSampleId :

Tot Ion: 43 Resp: 3307

Ion Ratio Lower Upper

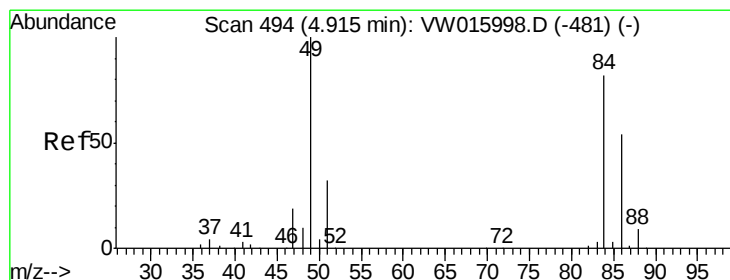
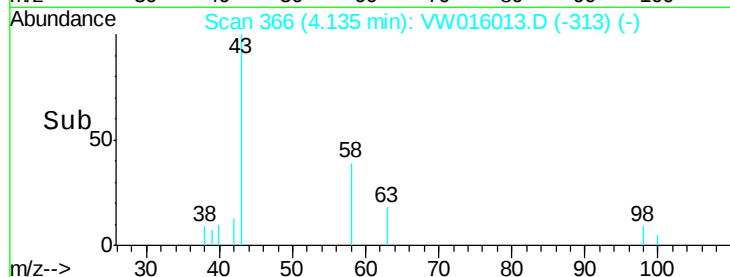
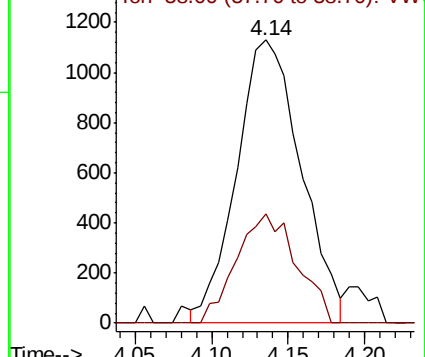
43 100

58 36.2 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 5.745 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW016013.D

Acq: 30 Jul 2020 15:56

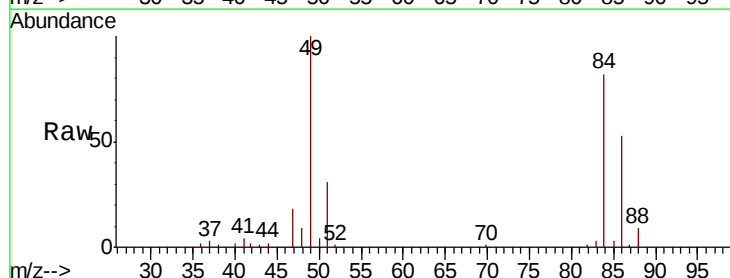
Tgt Ion: 84 Resp: 39273

Ion Ratio Lower Upper

84 100

49 121.3 91.1 169.1

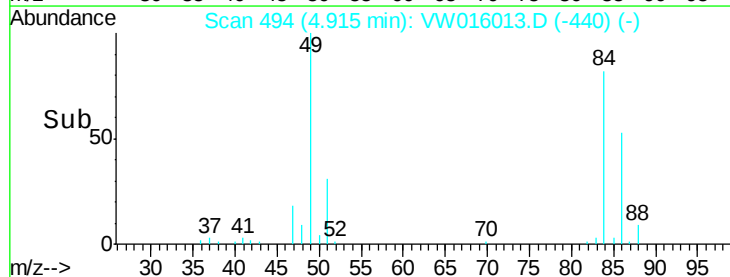
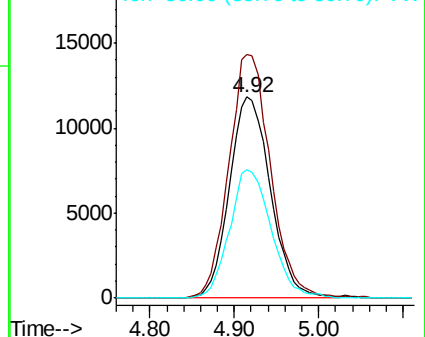
86 64.2 46.0 85.4

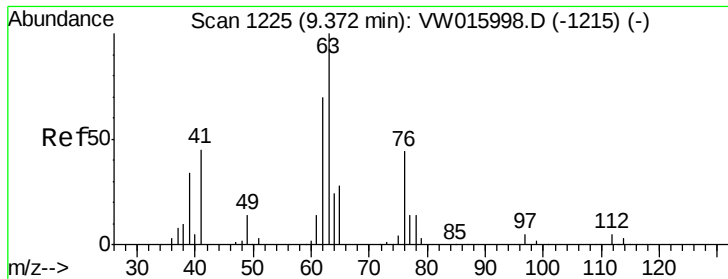


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

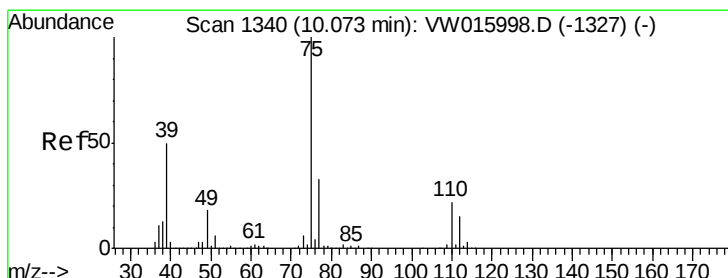
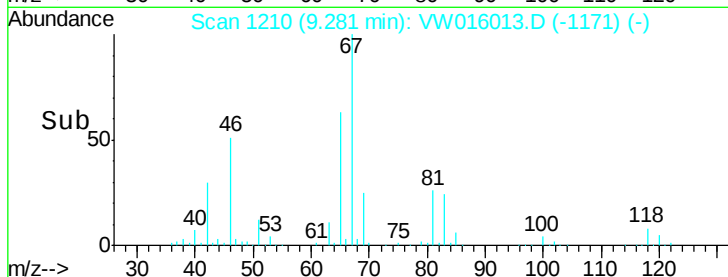
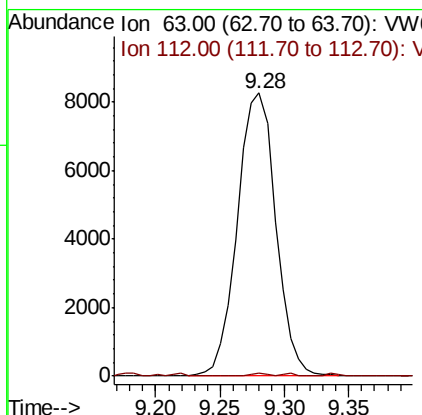
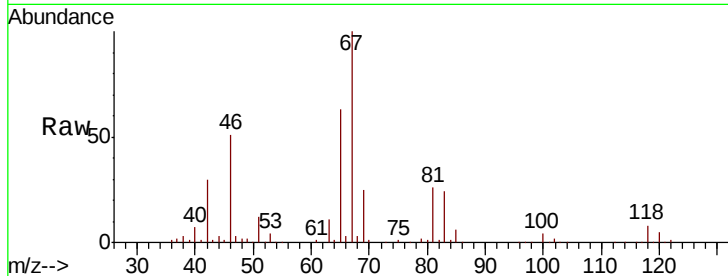




#40
 1,2-Dichloropropane
 Concen: 3.036 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW016013.D
 Acq: 30 Jul 2020 15:56

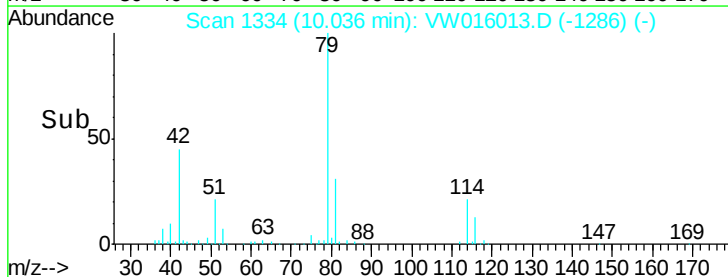
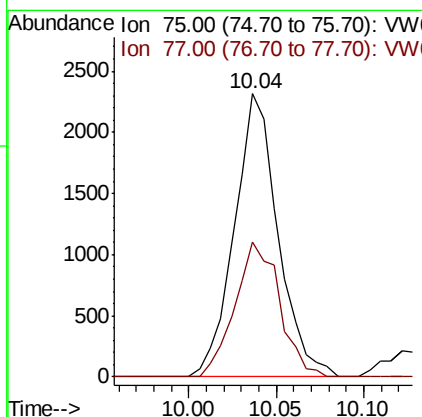
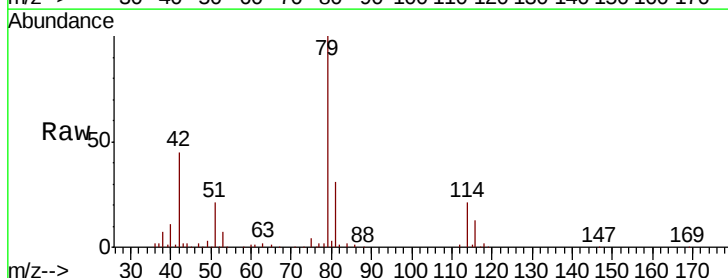
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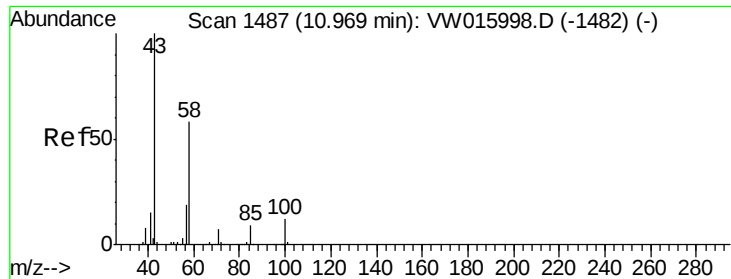
Tot Ion: 63 Resp: 17092
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.468 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016013.D
 Acq: 30 Jul 2020 15:56

Tgt Ion: 75 Resp: 4011
 Ion Ratio Lower Upper
 75 100
 77 47.9 22.2 41.2#

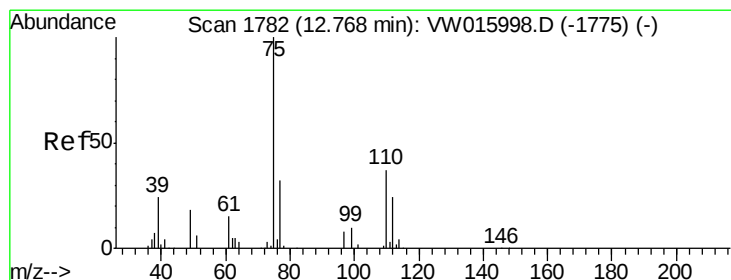
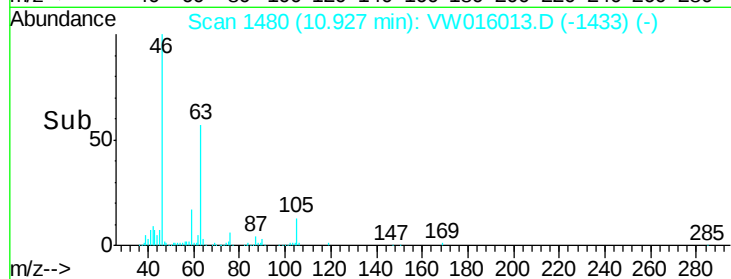
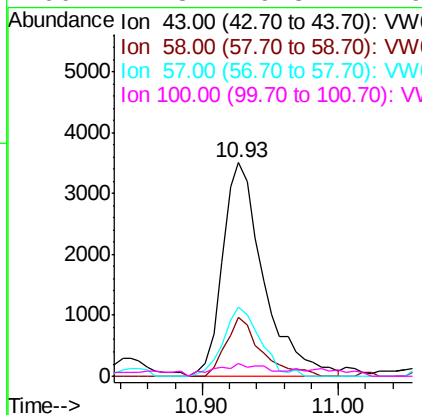
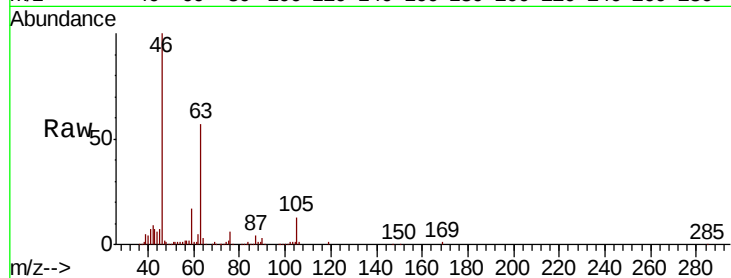




#49
2-Hexanone
Concen: 3.151 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW016013.D
Acq: 30 Jul 2020 15:56

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 7348
Ion Ratio Lower Upper
43 100
58 23.7 42.4 63.6#
57 28.6 15.6 23.4#
100 1.8 9.8 14.6#



#59
1,2,3-Trichloropropane
Concen: 4.754 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW016013.D
Acq: 30 Jul 2020 15:56

Tgt Ion: 75 Resp: 16934
Ion Ratio Lower Upper
75 100
77 37.8 26.0 39.0

