

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072220\
 Data File : VW015913.D
 Acq On : 22 Jul 2020 19:07
 Operator : SY/VA
 Sample : L3388-19
 Misc : 4.55G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AE6

Quant Time: Jul 23 03:06:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 03:03:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	391936	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	311200	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	100219	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	149120	26.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.84%
7) Chloroethane-d5	2.89	69	110728	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.60%
10) 1,1-Dichloroethene-d2	4.01	63	215671	19.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.16%
20) 2-Butanone-d5	7.09	46	58004	39.93	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.86%
24) Chloroform-d	7.65	84	241728	21.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.84%
26) 1,2-Dichloroethane-d4	8.31	65	134601	22.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.12%
29) Benzene-d6	8.28	84	485771	25.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.56%
33) 1,2-Dichloropropane-d6	9.28	67	144839	25.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.04%
37) Toluene-d8	10.33	98	403998	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.16%
38) trans-1,3-Dichloropropene-	10.58	79	50246	20.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.04%
39) 2-Hexanone-d5	10.93	63	39865	42.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107569	24.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	92561	23.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.76%

Target Compounds

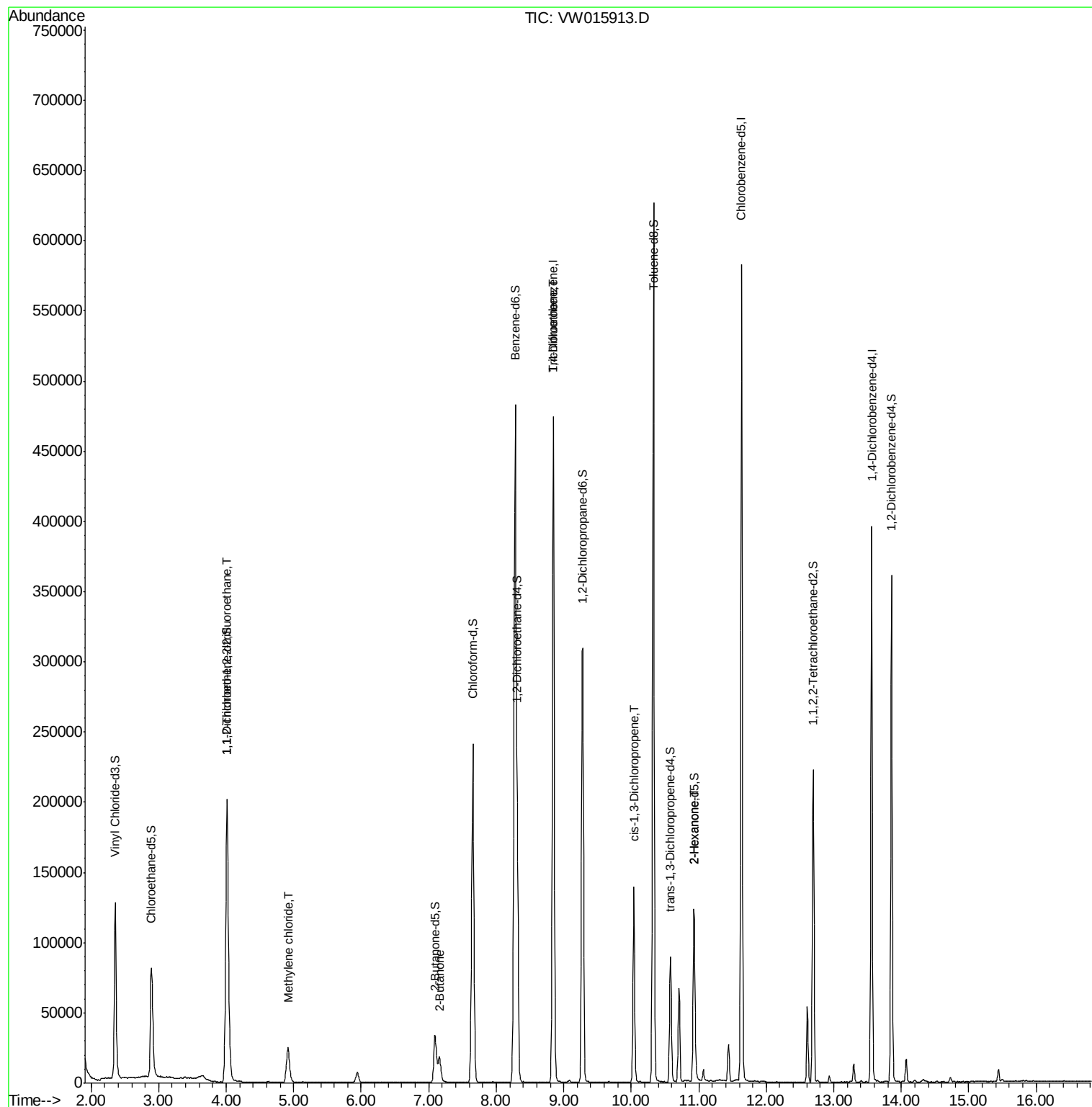
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	1842	0.362 ug/L #	20
16) Methylene chloride	4.92	84	19386	3.019 ug/L	98
21) 2-Butanone	7.16	43	7163	4.748 ug/L #	48
35) Trichloroethene	8.85	95	11978	2.396 ug/L #	6
42) cis-1,3-Dichloropropene	10.04	75	3400	0.477 ug/L #	54
49) 2-Hexanone	10.93	43	8274	4.266 ug/L #	65

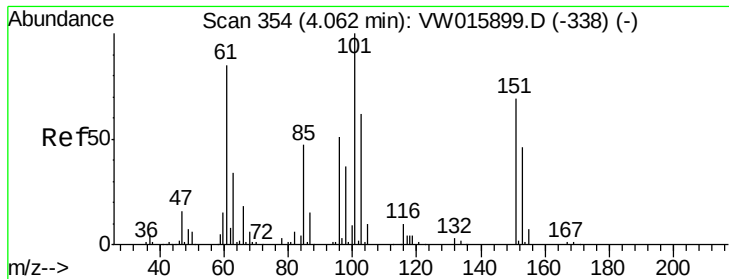
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jul 23 03:03:27 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.362 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.05 min

Lab File: VW015913.D

Acq: 22 Jul 2020 19:07

Instrument :

MSVOA_W

ClientSampleId :

C0AE6

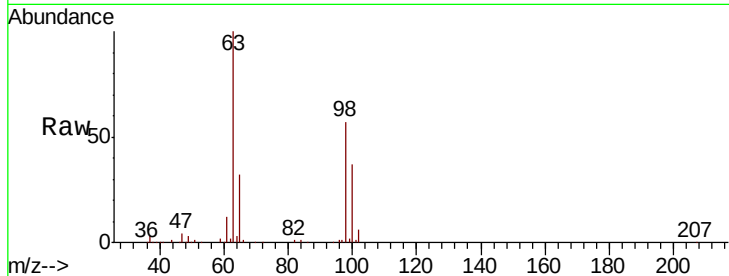
Tot Ion:101 Resp: 1842

Ion Ratio Lower Upper

101 100

85 0.0 35.5 53.3#

151 0.0 58.4 87.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V

4.01

800

600

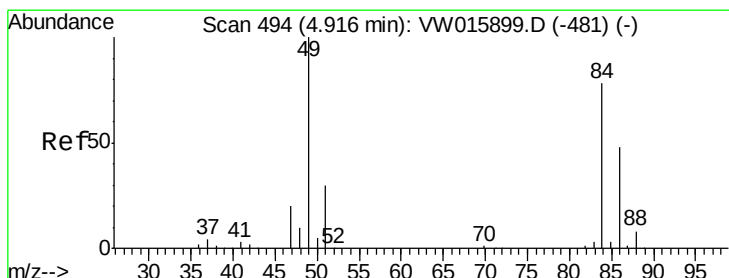
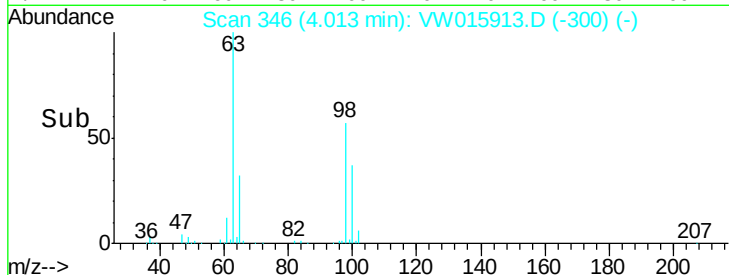
400

200

0

3.95 4.00 4.05

Time-->



#16

Methylene chloride

Concen: 3.019 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW015913.D

Acq: 22 Jul 2020 19:07

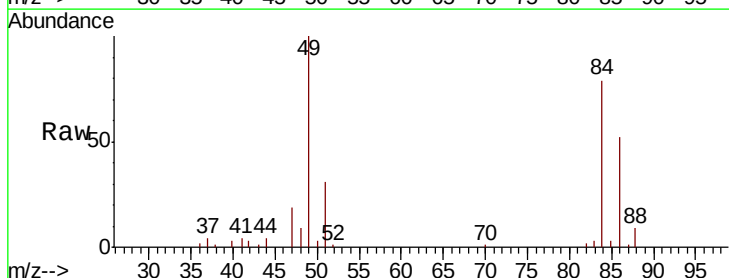
Tgt Ion: 84 Resp: 19386

Ion Ratio Lower Upper

84 100

49 126.8 91.1 169.1

86 65.5 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

10000

8000

6000

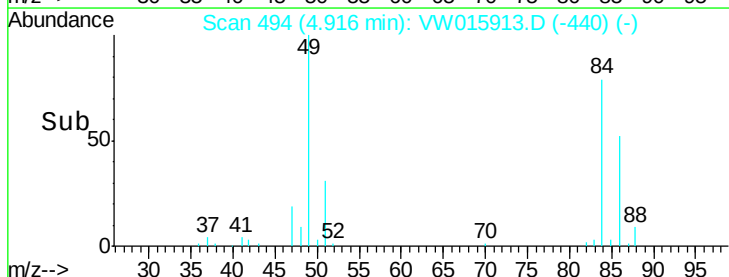
4000

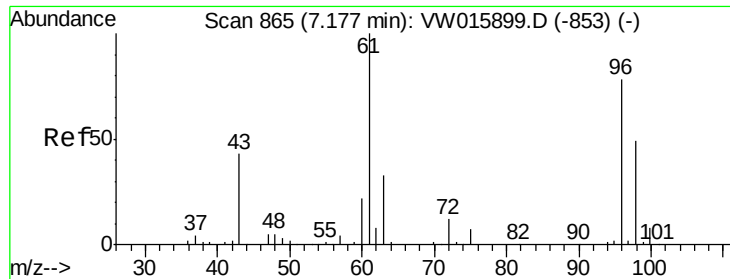
2000

0

4.80 4.90 5.00

Time-->





#21

2-Butanone

Concen: 4.748 ug/L

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW015913.D

Acq: 22 Jul 2020 19:07

Instrument :

MSVOA_W

ClientSampleId :

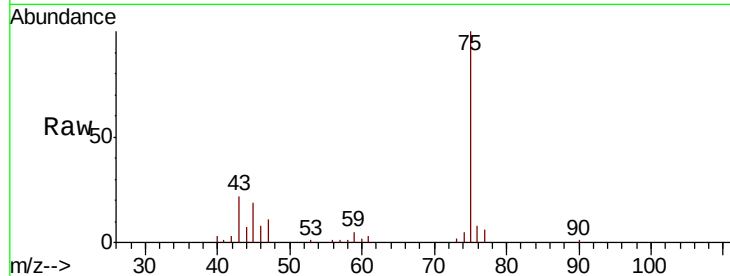
C0AE6

Tot Ion: 43 Resp: 7163

Ion Ratio Lower Upper

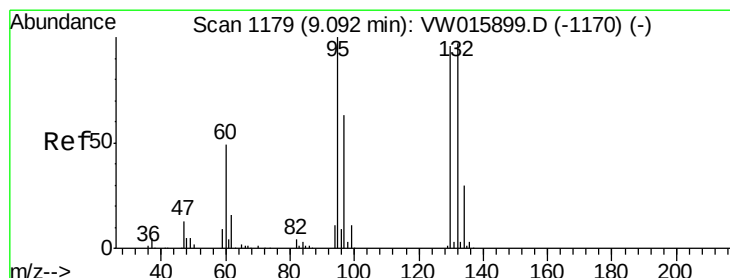
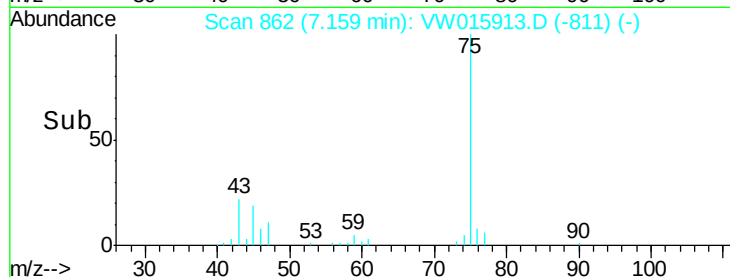
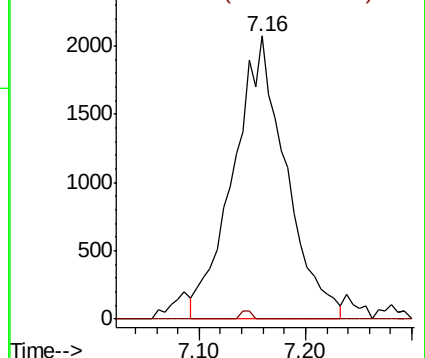
43 100

72 0.6 13.9 41.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#35

Trichloroethene

Concen: 2.396 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW015913.D

Acq: 22 Jul 2020 19:07

Tgt Ion: 95 Resp: 11978

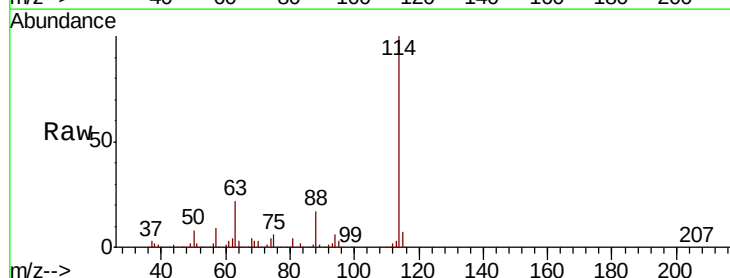
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.4#

132 0.0 65.1 120.9#

130 0.0 68.6 127.4#

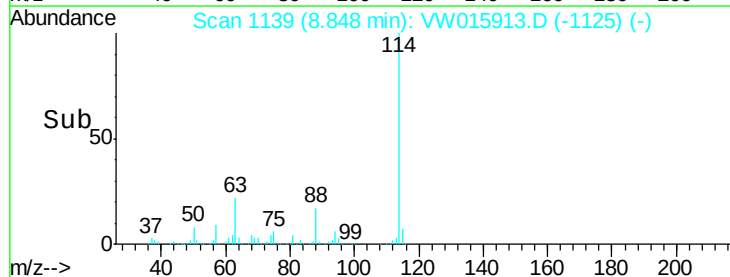
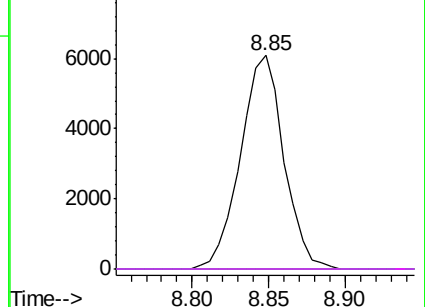


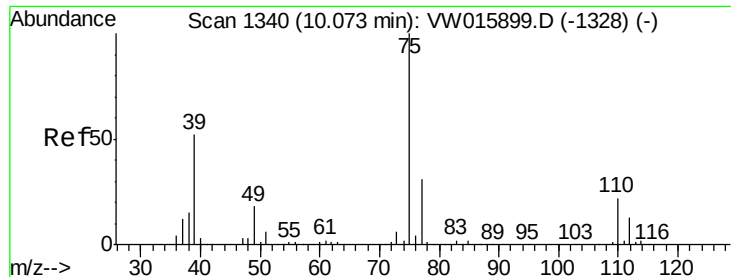
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

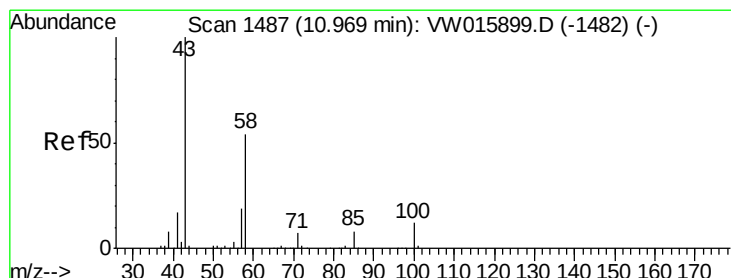
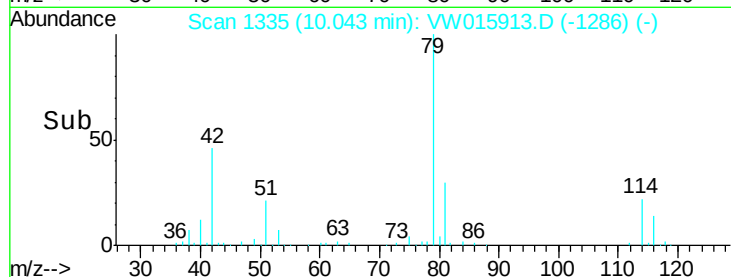
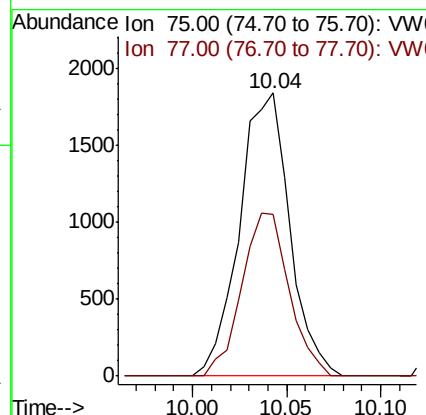
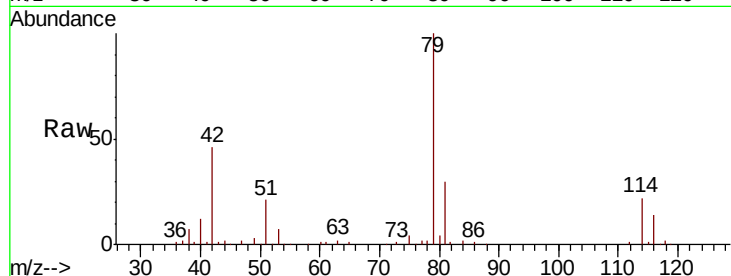




#42
 cis-1,3-Dichloropropene
 Concen: 0.477 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW015913.D
 Acq: 22 Jul 2020 19:07

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Tot Ion: 75 Resp: 3400
 Ion Ratio Lower Upper
 75 100
 77 57.2 22.2 41.2#



#49
 2-Hexanone
 Concen: 4.266 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW015913.D
 Acq: 22 Jul 2020 19:07

Tgt Ion: 43 Resp: 8274
 Ion Ratio Lower Upper
 43 100
 58 19.0 42.4 63.6#
 57 21.1 15.6 23.4
 100 1.6 9.8 14.6#

