

Data File : VW014116.D
Acq On : 25 Nov 2019 17:21
Operator : SY/VA
Sample : K6007-13
Misc : 6.24G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BL9

Quant Time: Nov 26 07:49:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 26 07:45:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	125650	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	114239	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	42025	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	32200	16.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.24%
7) Chloroethane-d5	2.89	69	35015	21.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.16%
10) 1,1-Dichloroethene-d2	4.01	63	57258	13.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.68%
20) 2-Butanone-d5	7.07	46	58865	101.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	202.14%#
24) Chloroform-d	7.65	84	102689	26.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.32%
26) 1,2-Dichloroethane-d4	8.30	65	62670	32.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	129.04%
29) Benzene-d6	8.27	84	200485	24.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.92%
33) 1,2-Dichloropropane-d6	9.27	67	68254	28.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.00%
37) Toluene-d8	10.32	98	159615	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.08%
38) trans-1,3-Dichloropropene-	10.57	79	23116	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.92%
39) 2-Hexanone-d5	10.92	63	39365	87.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	174.86%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	70610	39.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	157.52%#
61) 1,2-Dichlorobenzene-d4	13.85	152	48015	28.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.76%

Target Compounds

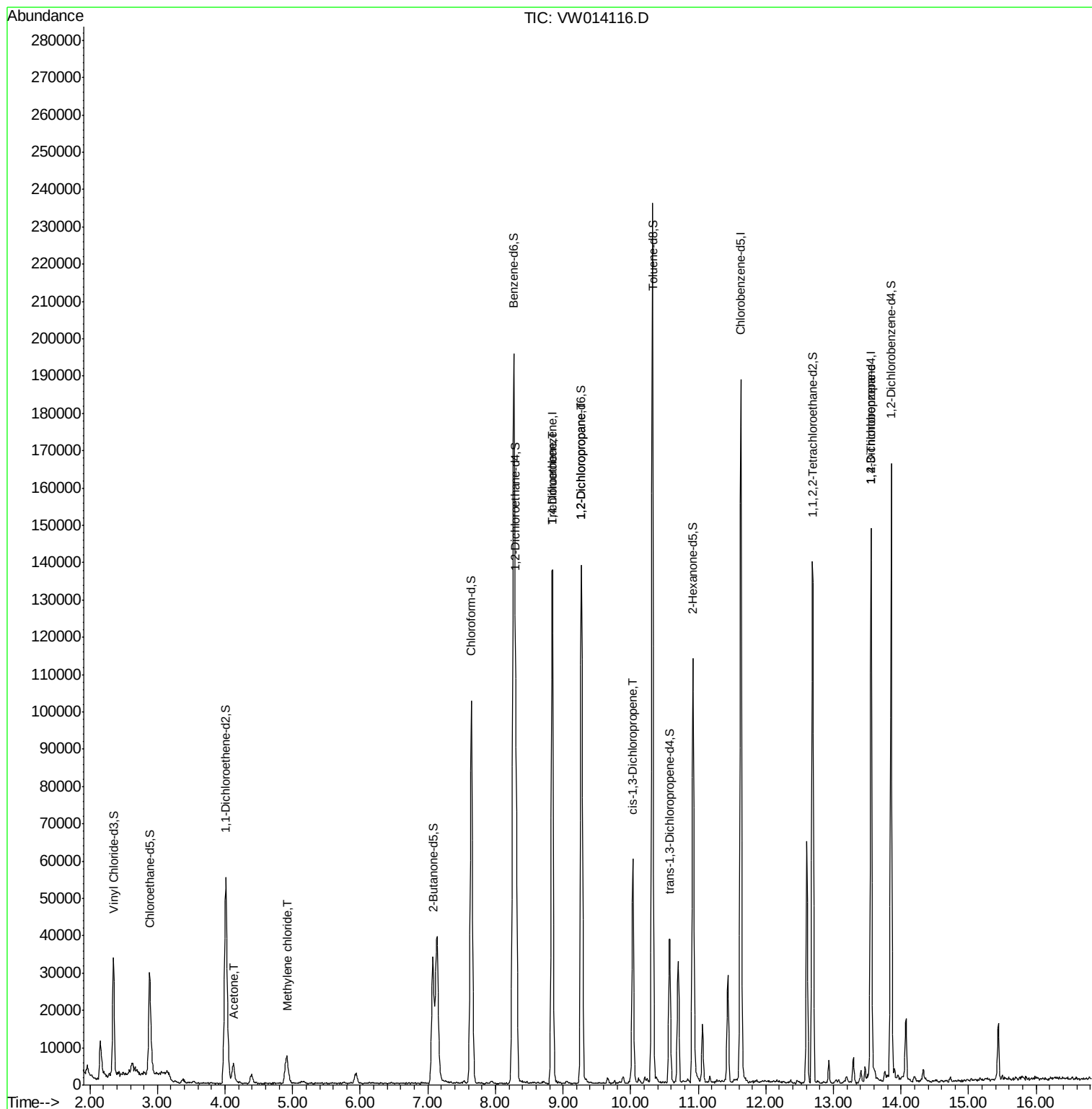
					Qvalue
13) Acetone	4.12	43	9045	15.262 ug/L	69
16) Methylene chloride	4.92	84	5658	2.339 ug/L	86
35) Trichloroethene	8.84	95	3658	1.637 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	7074	3.507 ug/L #	85
42) cis-1,3-Dichloropropene	10.03	75	1482	0.466 ug/L #	34
59) 1,2,3-Trichloropropane	13.55	75	4737	3.640 ug/L	93

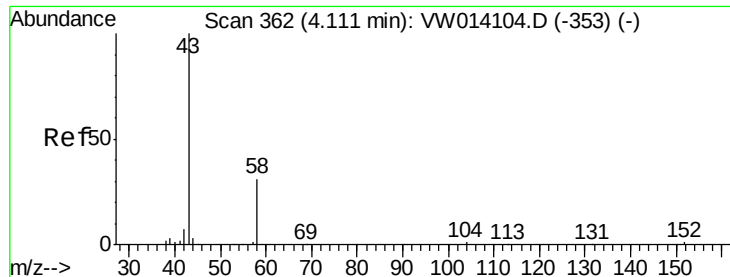
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.262 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

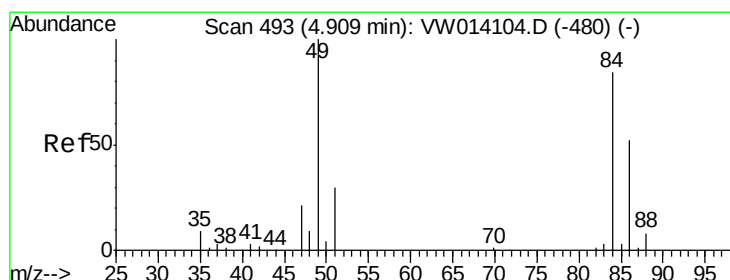
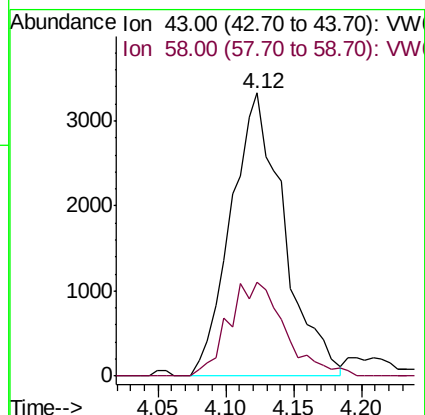
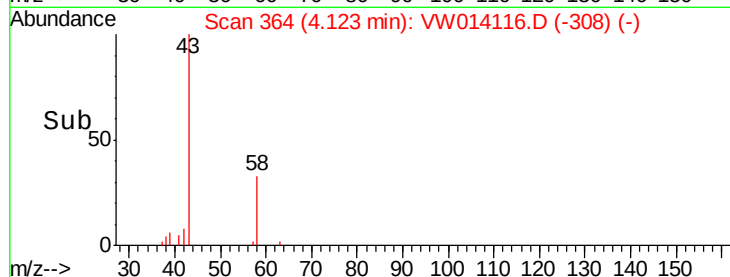
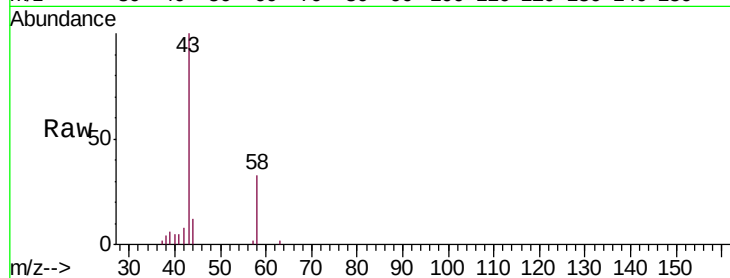
C0BL9

Tgt Ion: 43 Resp: 9045

Ion Ratio Lower Upper

43 100

58 15.0 0.0 65.4



#16

Methylene chloride

Concen: 2.339 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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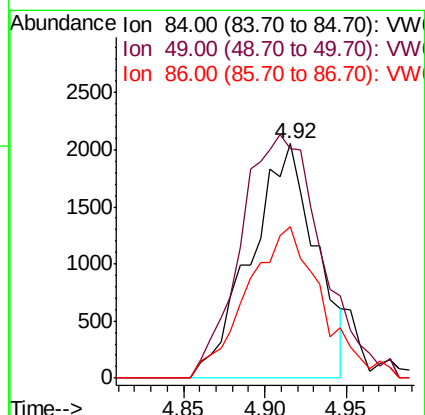
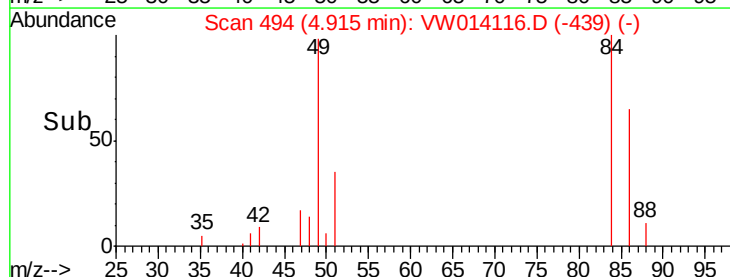
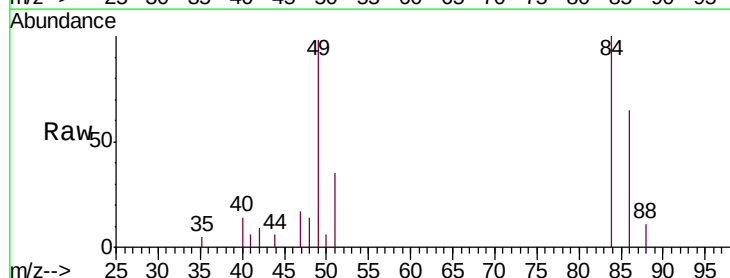
Tgt Ion: 84 Resp: 5658

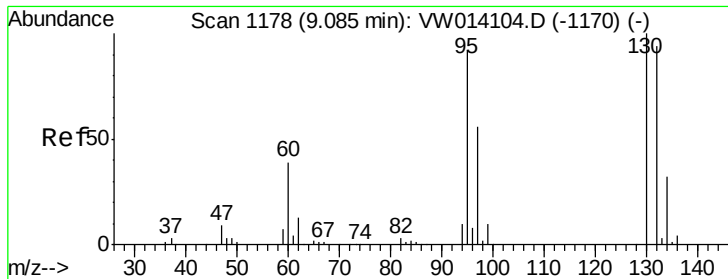
Ion Ratio Lower Upper

84 100

49 97.8 84.2 156.4

86 64.8 43.7 81.1





#35

Trichloroethene

Concen: 1.637 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

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Instrument :

MSVOA_W

ClientSampleId :

C0BL9

Tgt Ion: 95 Resp: 3658

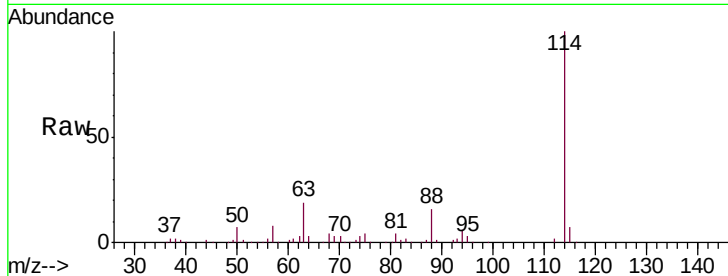
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.9#

132 0.0 73.7 136.9#

130 0.0 76.6 142.2#

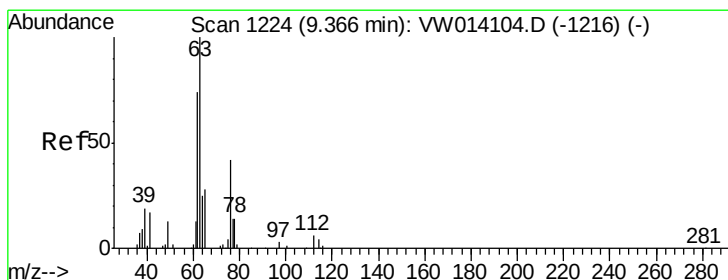
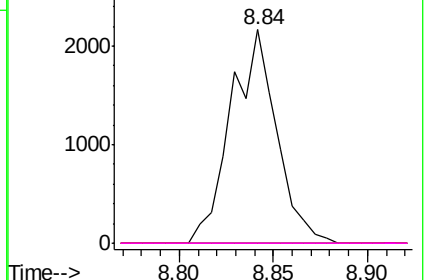
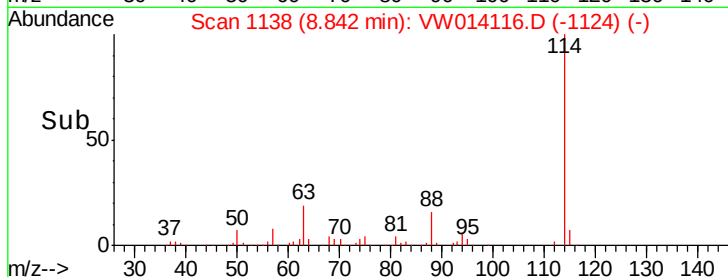


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 3.507 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

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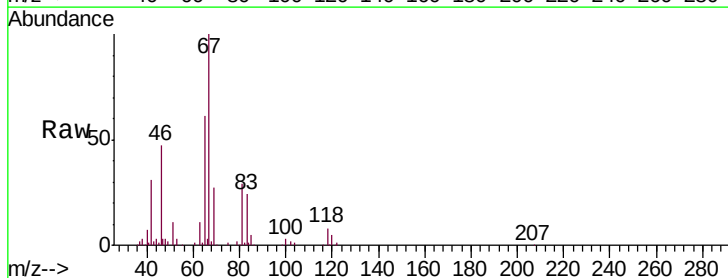
Acq: 25 Nov 2019 17:21

Tgt Ion: 63 Resp: 7074

Ion Ratio Lower Upper

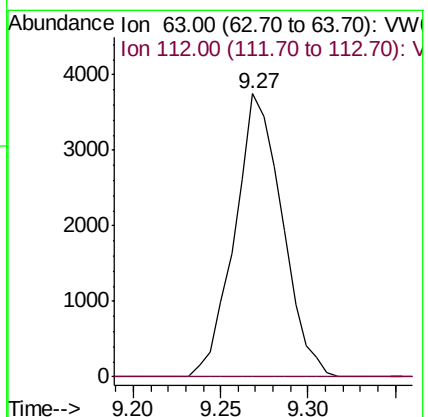
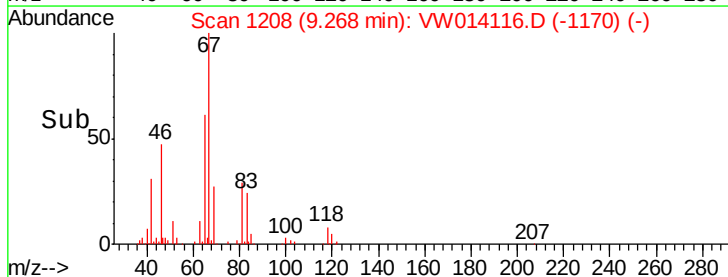
63 100

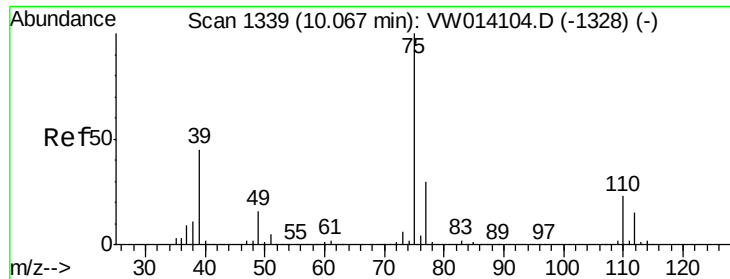
112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

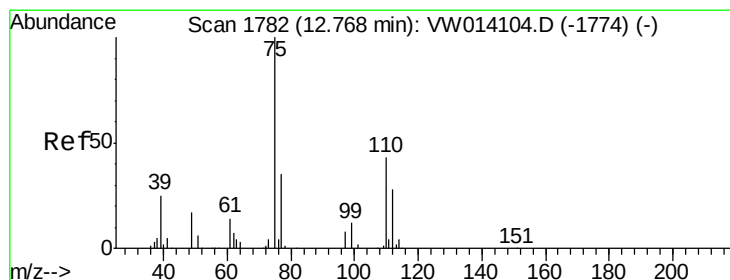
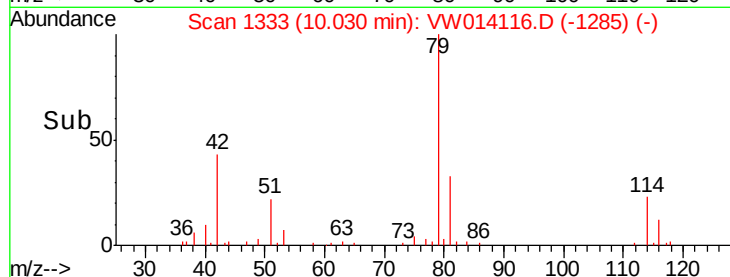
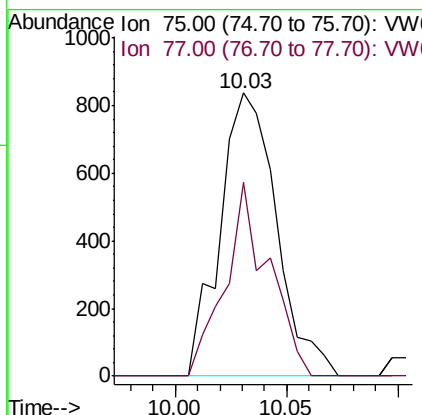
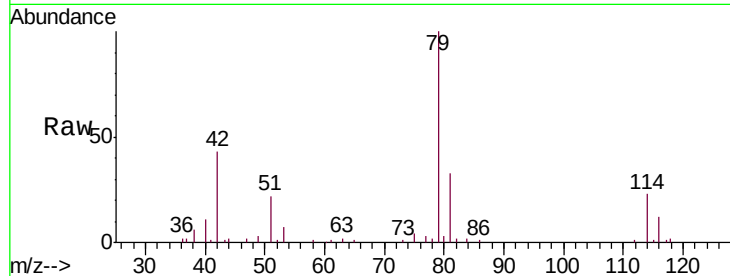




#42
 cis-1,3-Dichloropropene
 Concen: 0.466 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
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 MSVOA_W
 ClientSampleID :
 C0BL9

Tgt Ion: 75 Resp: 1482
 Ion Ratio Lower Upper
 75 100
 77 68.3 22.1 41.1#



#59
 1,2,3-Trichloropropane
 Concen: 3.640 ug/L
 RT: 13.55 min Scan# 1911
 Delta R.T. 0.79 min
 Lab File: VW014116.D
 Acq: 25 Nov 2019 17:21

Tgt Ion: 75 Resp: 4737
 Ion Ratio Lower Upper
 75 100
 77 36.6 25.9 38.9

