

Data File : VW014109.D
Acq On : 25 Nov 2019 14:06
Operator : SY/VA
Sample : K6007-06
Misc : 5.16G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BL4

Quant Time: Nov 26 07:48:32 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	217966	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	117525	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	22440	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	67247	19.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.36%
7) Chloroethane-d5	2.89	69	69922	24.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.20%
10) 1,1-Dichloroethene-d2	4.01	63	111092	15.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.28%
20) 2-Butanone-d5	7.07	46	50439	49.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.86%
24) Chloroform-d	7.65	84	189087	28.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.84%
26) 1,2-Dichloroethane-d4	8.31	65	83374	24.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.96%
29) Benzene-d6	8.27	84	374806	44.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	179.80%#
33) 1,2-Dichloropropane-d6	9.27	67	120746	49.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	197.72%#
37) Toluene-d8	10.32	98	255379	32.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	129.20%
38) trans-1,3-Dichloropropene-	10.57	79	18157	17.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.44%
39) 2-Hexanone-d5	10.92	63	27721	59.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	64810	35.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	140.56%#
61) 1,2-Dichlorobenzene-d4	13.85	152	28570	31.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	126.76%#

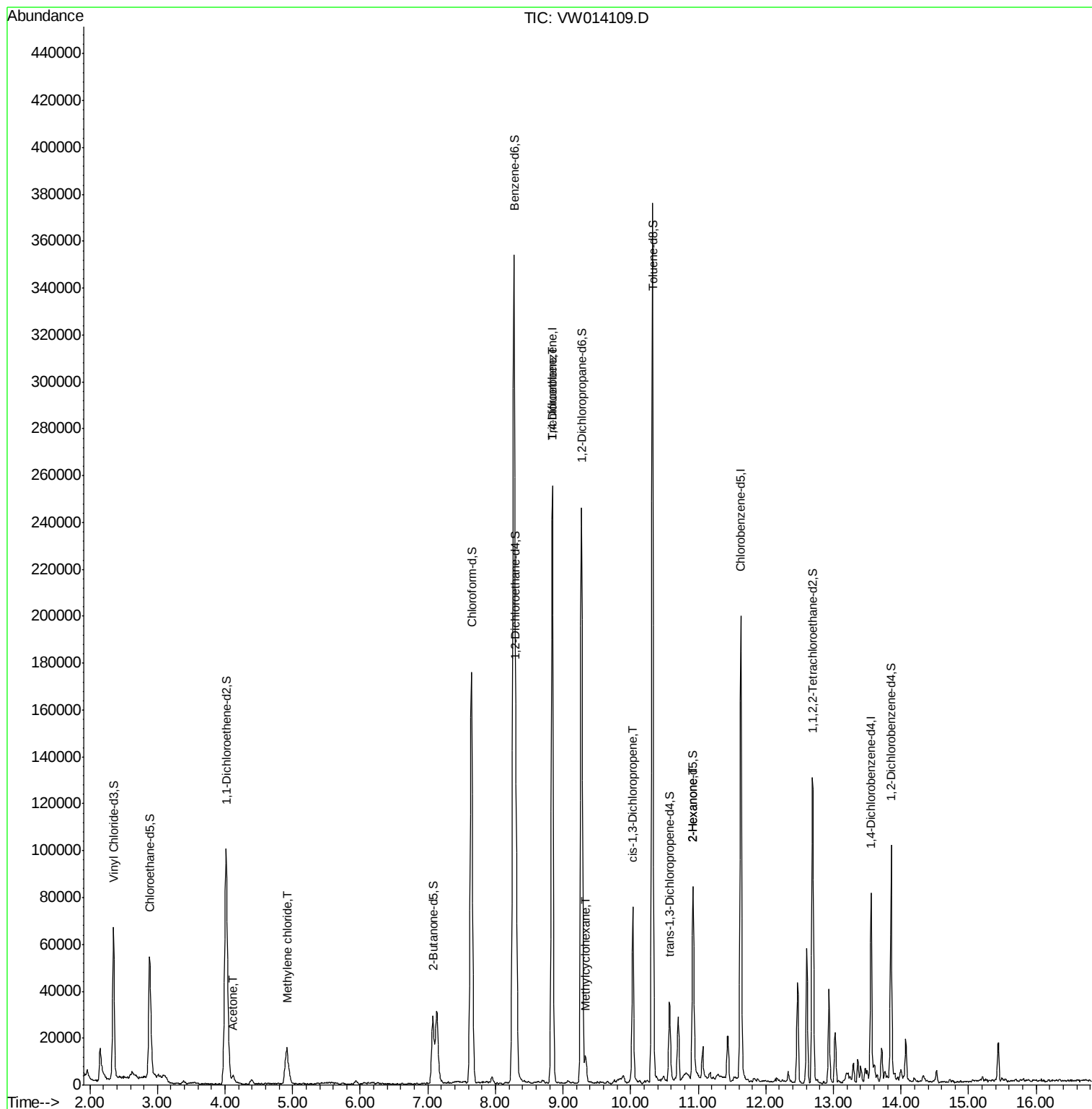
Target Compounds					Qvalue
13) Acetone	4.12	43	4937	4.802 ug/L	78
16) Methylene chloride	4.92	84	13690	3.262 ug/L	93
35) Trichloroethene	8.84	95	5703	2.480 ug/L #	2
36) Methylcyclohexane	9.33	83	4332	1.051 ug/L	93
42) cis-1,3-Dichloropropene	10.04	75	1736	0.530 ug/L	87
49) 2-Hexanone	10.92	43	3800	3.847 ug/L #	46

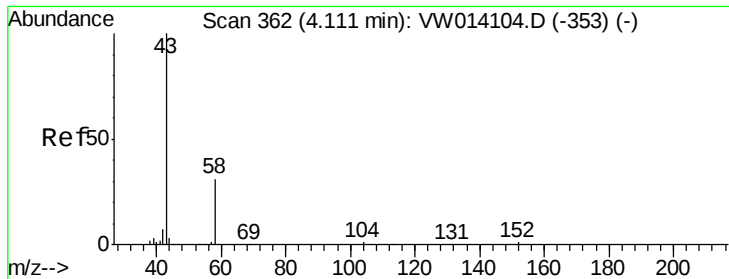
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.802 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

Lab File: VW014109.D

Acq: 25 Nov 2019 14:06

Instrument :

MSVOA_W

ClientSampleId :

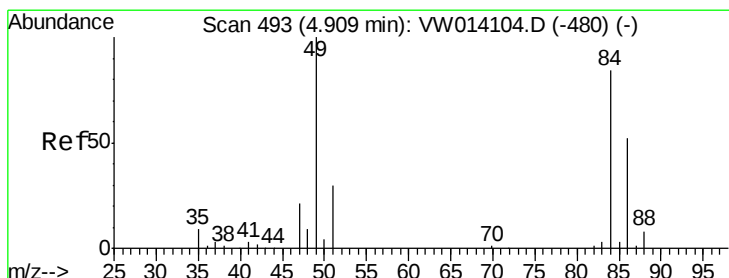
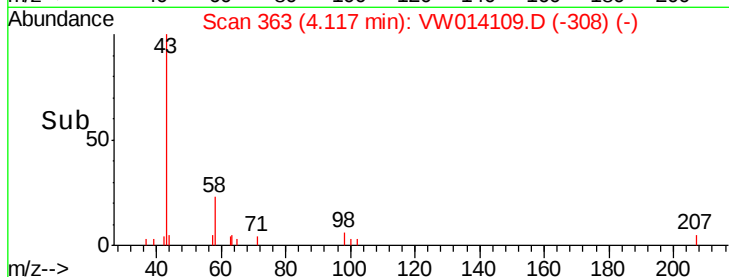
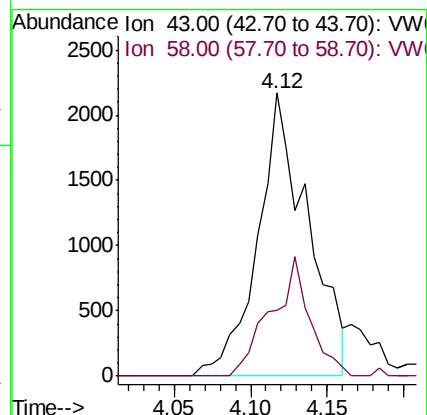
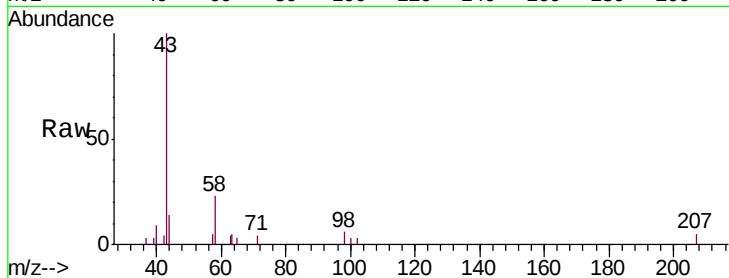
C0BL4

Tgt Ion: 43 Resp: 4937

Ion Ratio Lower Upper

43 100

58 20.3 0.0 65.4



#16

Methylene chloride

Concen: 3.262 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW014109.D

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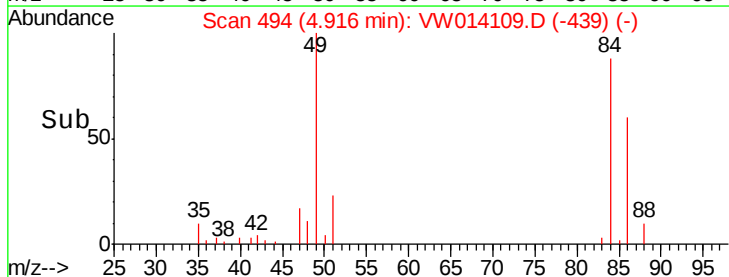
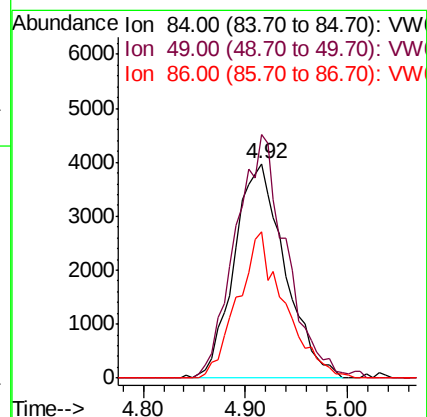
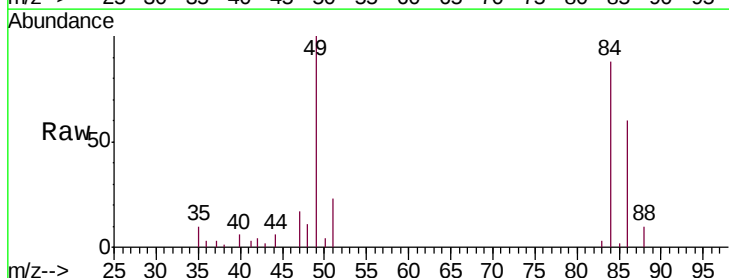
Tgt Ion: 84 Resp: 13690

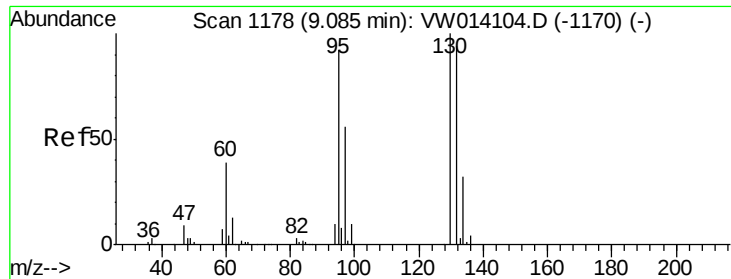
Ion Ratio Lower Upper

84 100

49 113.4 84.2 156.4

86 68.2 43.7 81.1





#35

Trichloroethene

Concen: 2.480 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

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Instrument :

MSVOA_W

ClientSampleId :

C0BL4

Tgt Ion: 95 Resp: 5703

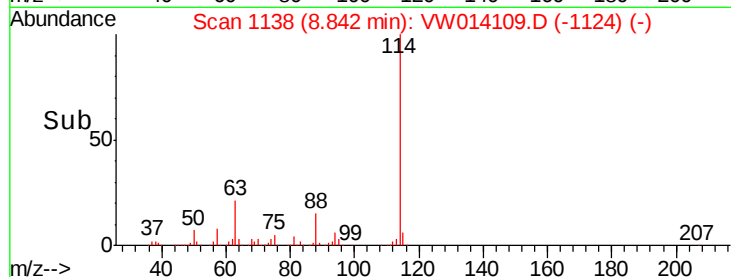
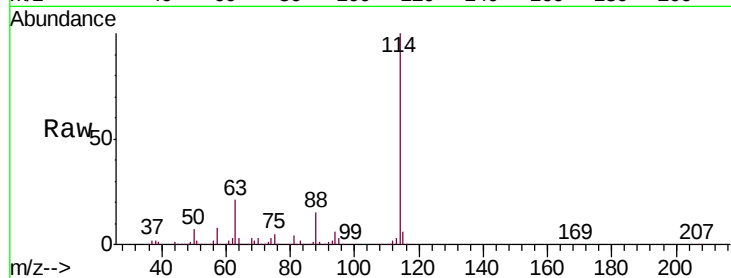
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.9#

132 0.0 73.7 136.9#

130 0.0 76.6 142.2#

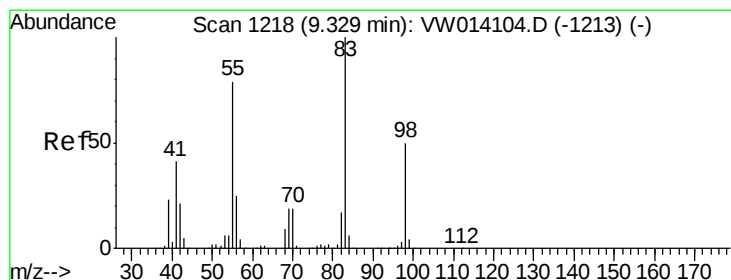
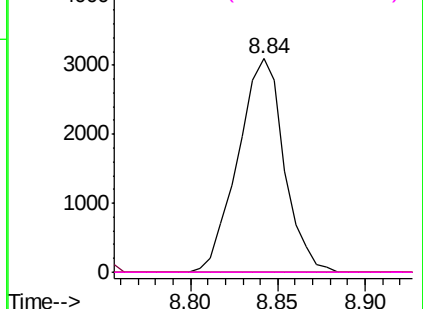


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 1.051 ug/L

RT: 9.33 min Scan# 1218

Delta R.T. 0.00 min

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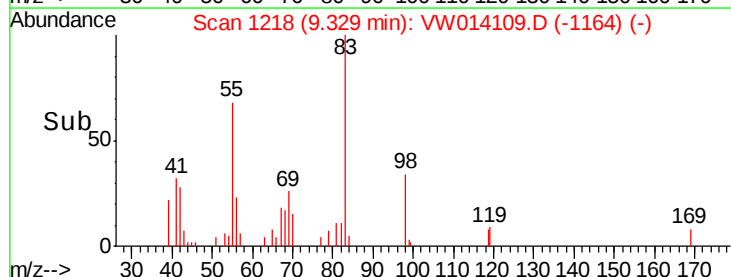
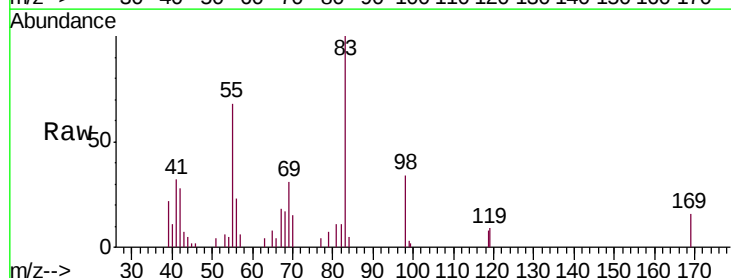
Tgt Ion: 83 Resp: 4332

Ion Ratio Lower Upper

83 100

55 78.7 59.8 89.8

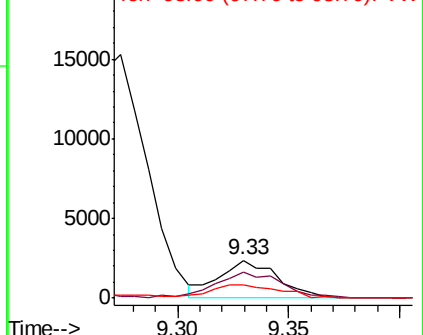
98 41.6 39.5 59.3

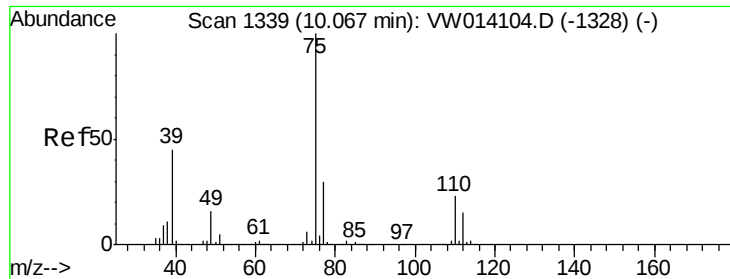


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

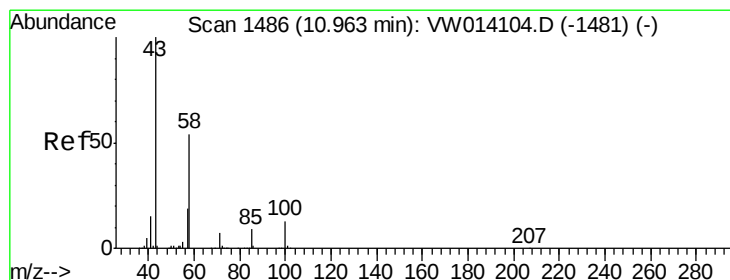
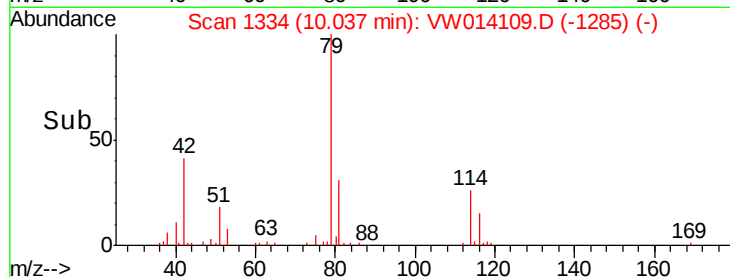
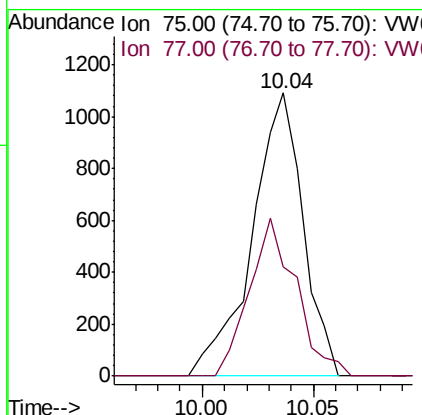
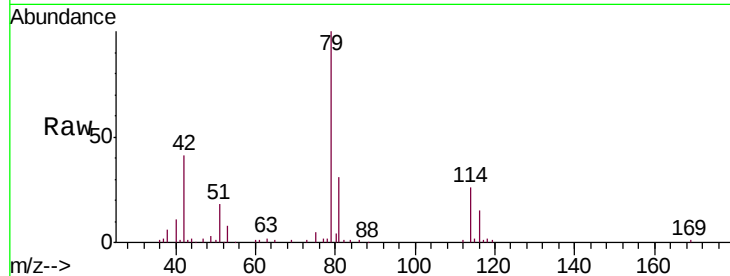




#42
 cis-1,3-Dichloropropene
 Concen: 0.530 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.03 min
 Lab File: VW014109.D
 Acq: 25 Nov 2019 14:06

Instrument :
 MSVOA_W
 ClientSampled :
 C0BL4

Tgt Ion: 75 Resp: 1736
 Ion Ratio Lower Upper
 75 100
 77 38.8 22.1 41.1



#49
 2-Hexanone
 Concen: 3.847 ug/L
 RT: 10.92 min Scan# 1479
 Delta R.T. -0.04 min
 Lab File: VW014109.D
 Acq: 25 Nov 2019 14:06

Tgt Ion: 43 Resp: 3800
 Ion Ratio Lower Upper
 43 100
 58 0.0 44.4 66.6#
 57 27.6 16.5 24.7#
 100 3.7 11.1 16.7#

