

Data File : VW007936.D
Acq On : 26 Dec 2018 21:25
Operator : SY/AP
Sample : J6489-10
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Dec 27 00:49:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 27 00:43:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	93898	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	84938	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	42391	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	21722	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.88%
7) Chloroethane-d5	2.89	69	13774	22.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.36%
10) 1,1-Dichloroethene-d2	4.01	63	43950	17.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.16%
20) 2-Butanone-d5	7.07	46	20036	50.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.54%
24) Chloroform-d	7.65	84	55483	22.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.84%
26) 1,2-Dichloroethane-d4	8.31	65	34778	23.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.88%
29) Benzene-d6	8.27	84	107285	22.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.08%
33) 1,2-Dichloropropane-d6	9.27	67	29429	22.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.84%
37) Toluene-d8	10.32	98	104891	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.40%
38) trans-1,3-Dichloropropene-	10.58	79	16524	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.84%
39) 2-Hexanone-d5	10.93	63	17049	51.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	29192	23.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	37783	22.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.28%

Target Compounds

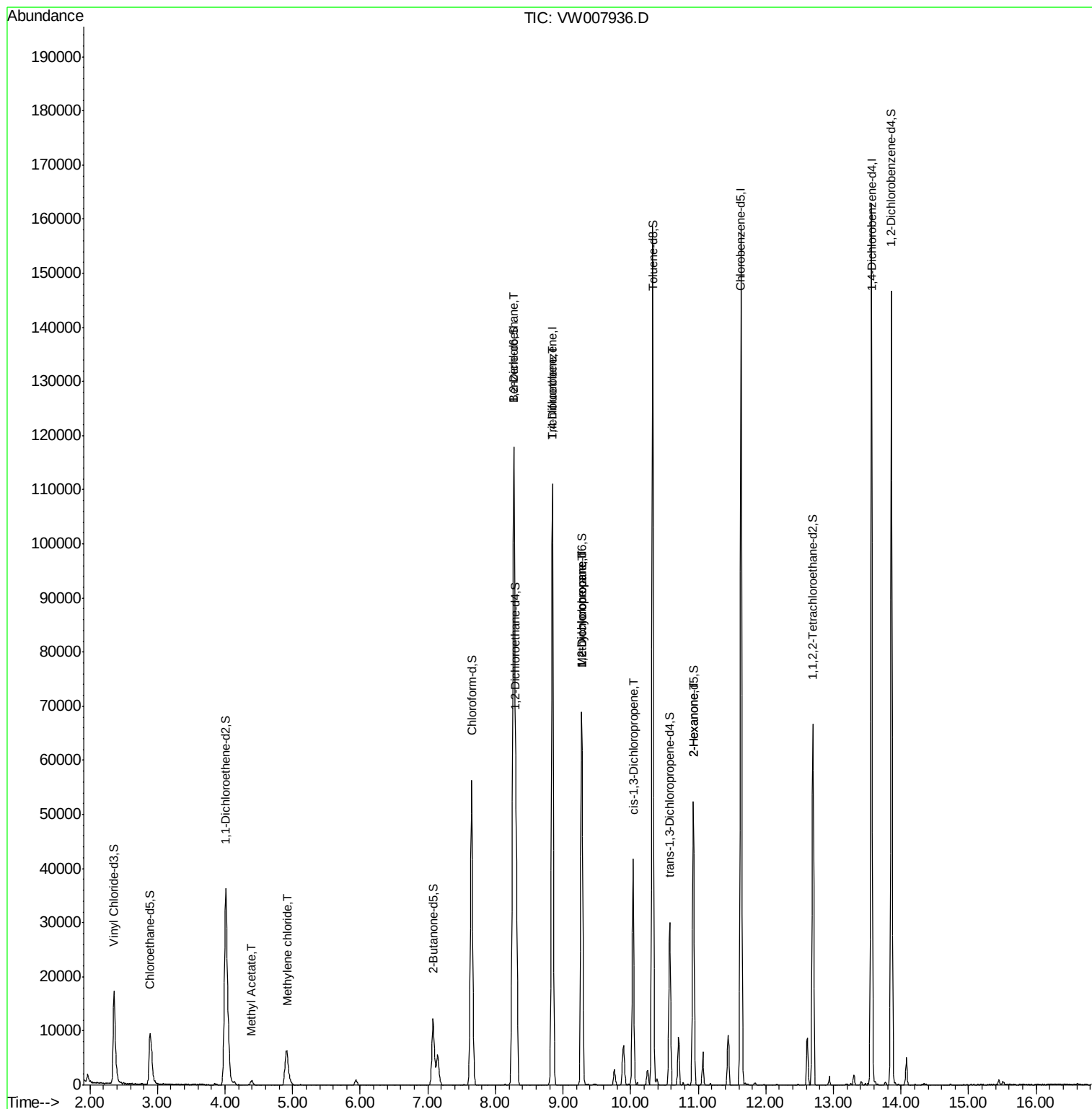
					Qvalue
15) Methyl Acetate	4.39	43	347	0.591 ug/L #	50
16) Methylene chloride	4.92	84	6084	4.004 ug/L	92
27) 1,2-Dichloroethane	8.27	62	782	0.483 ug/L #	80
35) Trichloroethene	8.84	95	3213	2.433 ug/L #	5
36) Methylcyclohexane	9.27	83	8267	3.651 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	3776	3.534 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1179	0.632 ug/L #	66
49) 2-Hexanone	10.93	43	2261	3.706 ug/L #	68

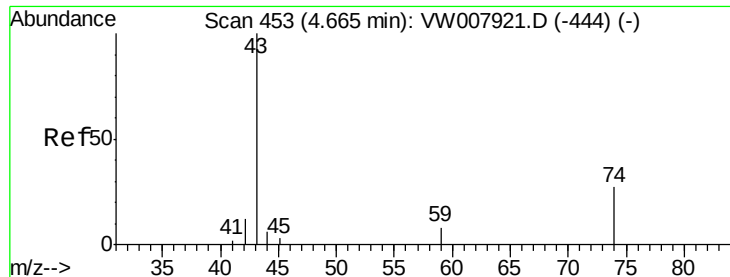
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Methyl Acetate

Concen: 0.591 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.28 min

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Acq: 26 Dec 2018 21:25

Instrument :

MSVOA_W

ClientSampleId :

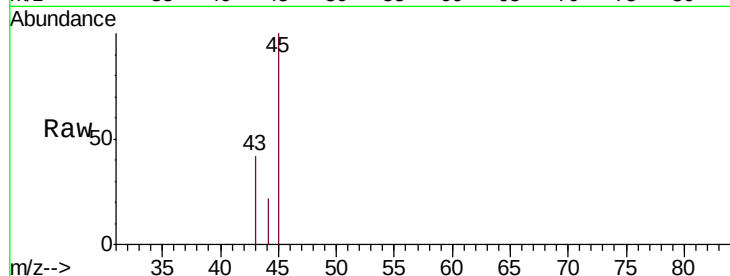
VHBLK01

Tgt Ion: 43 Resp: 347

Ion Ratio Lower Upper

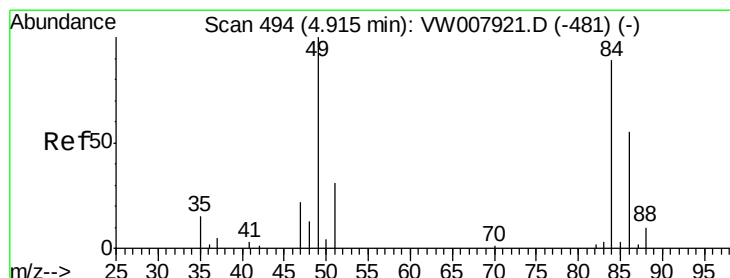
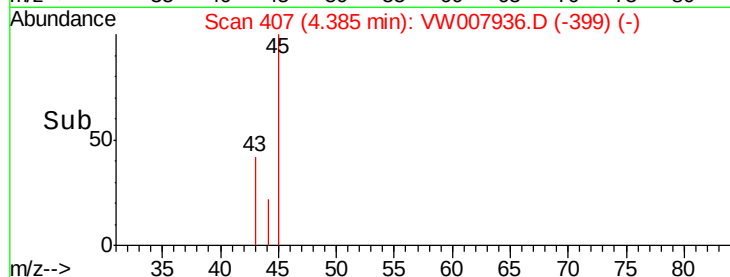
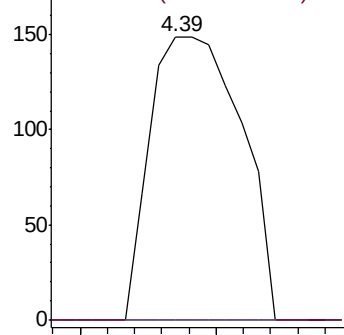
43 100

74 0.0 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



#16

Methylene chloride

Concen: 4.004 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW007936.D

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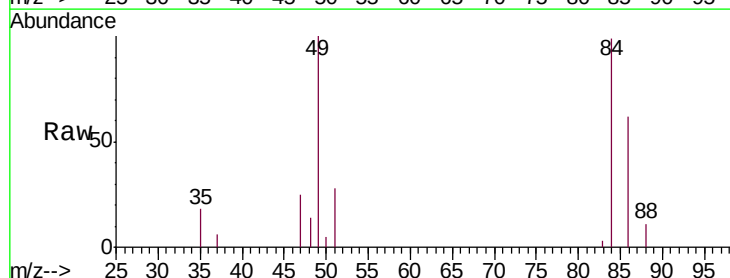
Tgt Ion: 84 Resp: 6084

Ion Ratio Lower Upper

84 100

49 101.1 79.2 147.0

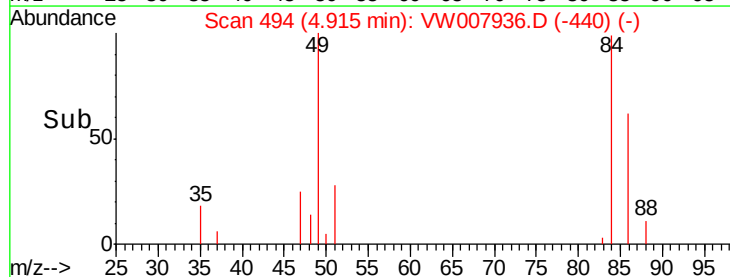
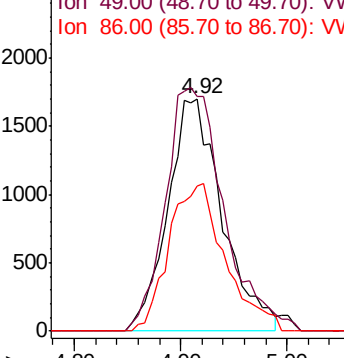
86 62.4 43.2 80.2

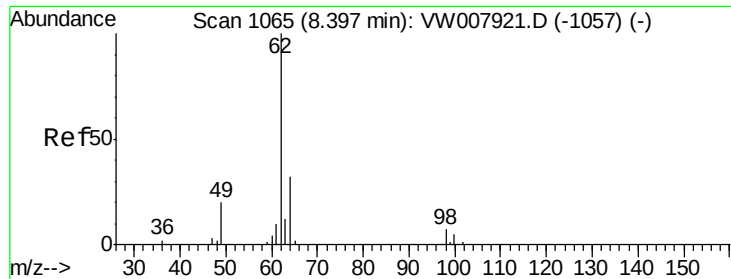


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#27

1,2-Dichloroethane

Concen: 0.483 ug/L

RT: 8.27 min Scan# 1045

Delta R.T. -0.12 min

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Acq: 26 Dec 2018 21:25

Instrument :

MSVOA_W

ClientSampleId :

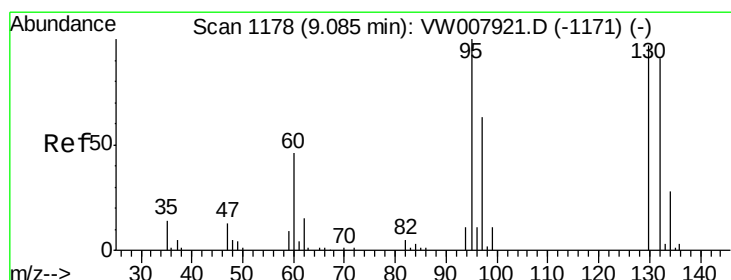
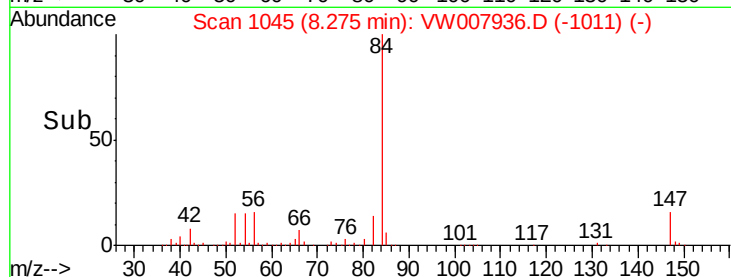
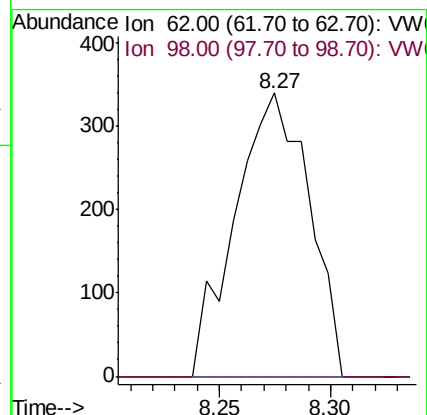
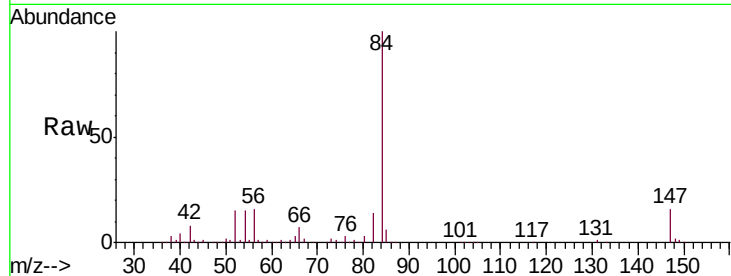
VHBLK01

Tgt Ion: 62 Resp: 782

Ion Ratio Lower Upper

62 100

98 0.0 5.4 8.2#



#35

Trichloroethene

Concen: 2.433 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW007936.D

Acq: 26 Dec 2018 21:25

Tgt Ion: 95 Resp: 3213

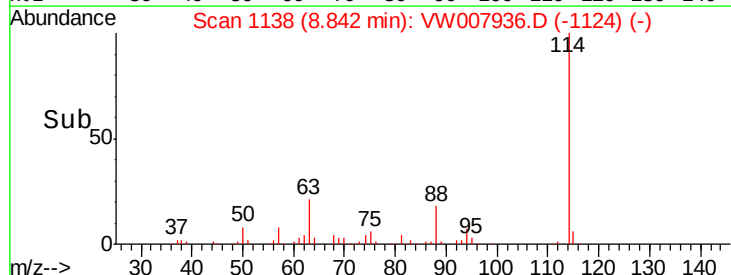
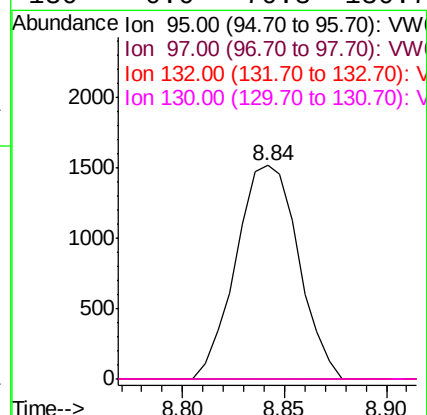
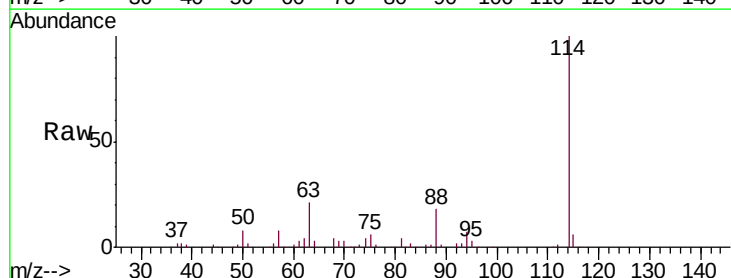
Ion Ratio Lower Upper

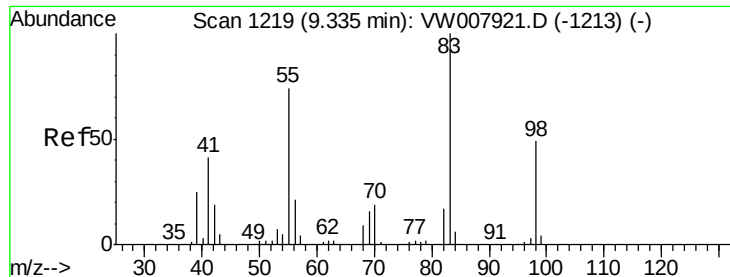
95 100

97 0.0 44.4 82.5#

132 0.0 67.8 126.0#

130 0.0 70.3 130.7#

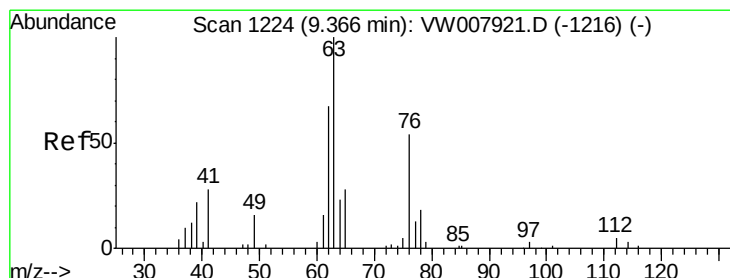
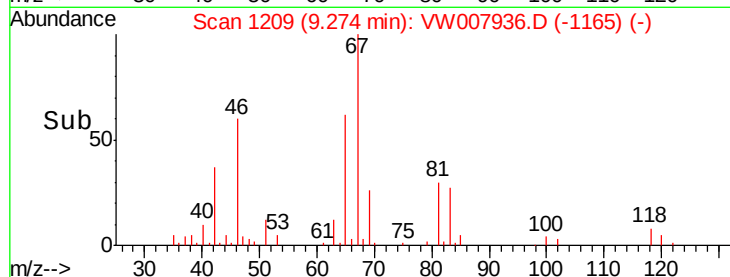
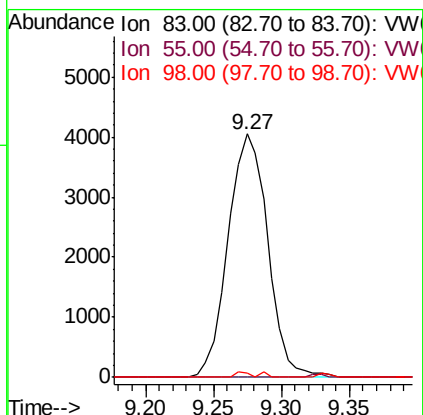
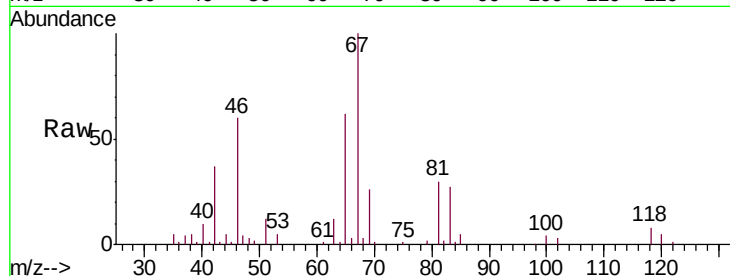




#36
Methylcyclohexane
Concen: 3.651 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW007936.D
Acq: 26 Dec 2018 21:25

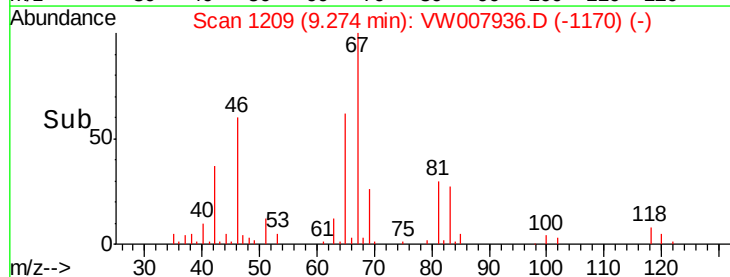
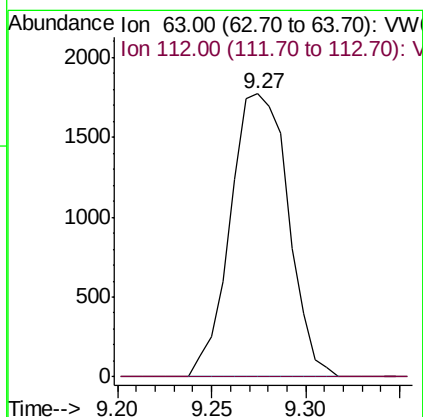
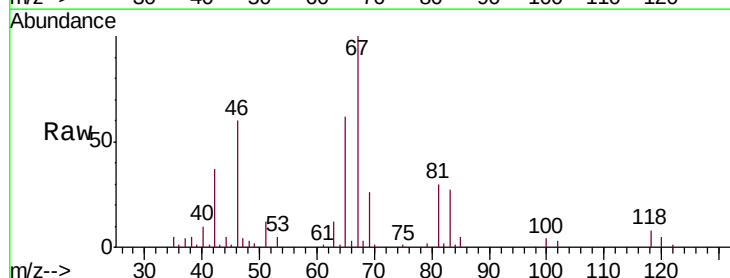
Instrument :
MSVOA_W
ClientSampled :
VHBLK01

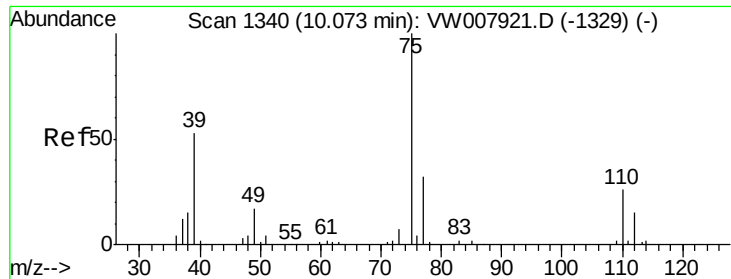
Tgt Ion: 83 Resp: 8267
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.7 38.2 57.2#



#40
1,2-Dichloropropane
Concen: 3.534 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW007936.D
Acq: 26 Dec 2018 21:25

Tgt Ion: 63 Resp: 3776
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#42

cis-1,3-Dichloropropene

Concen: 0.632 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW007936.D

Acq: 26 Dec 2018 21:25

Instrument :

MSVOA_W

ClientSampleId :

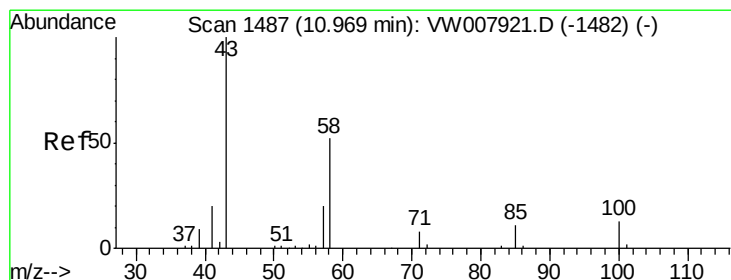
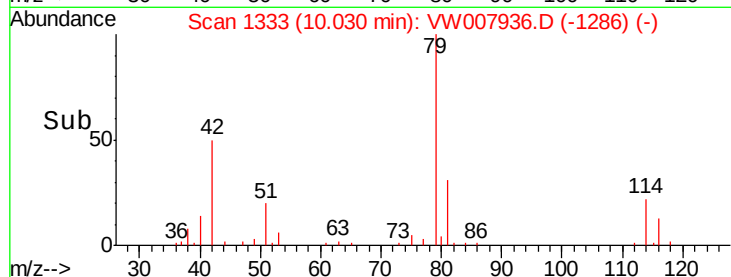
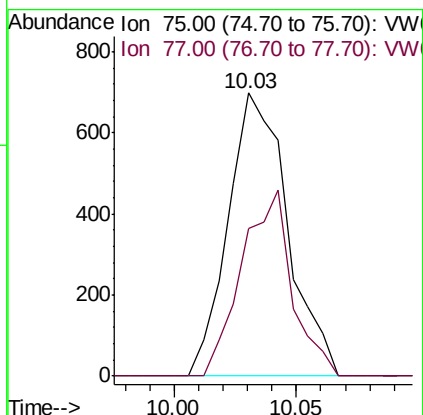
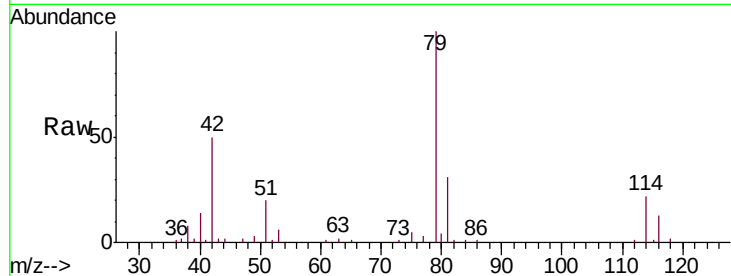
VHBLK01

Tgt Ion: 75 Resp: 1179

Ion Ratio Lower Upper

75 100

77 52.1 23.0 42.8#



#49

2-Hexanone

Concen: 3.706 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW007936.D

Acq: 26 Dec 2018 21:25

Tgt Ion: 43 Resp: 2261

Ion Ratio Lower Upper

43 100

58 25.3 46.2 69.4#

57 22.7 17.9 26.9

100 0.0 11.4 17.2#

