

Data File : VW007934.D
Acq On : 26 Dec 2018 20:34
Operator : SY/AP
Sample : VIBLK83
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK83

Quant Time: Dec 27 00:49:02 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	96868	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	87202	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	42889	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	21989	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.12%
7) Chloroethane-d5	2.90	69	13994	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.04%
10) 1,1-Dichloroethene-d2	4.01	63	43589	16.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.48%
20) 2-Butanone-d5	7.08	46	18221	44.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.50%
24) Chloroform-d	7.65	84	54855	21.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.16%
26) 1,2-Dichloroethane-d4	8.31	65	34719	22.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.88%
29) Benzene-d6	8.27	84	108075	22.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.40%
33) 1,2-Dichloropropane-d6	9.27	67	28749	21.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.44%
37) Toluene-d8	10.32	98	104898	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.08%
38) trans-1,3-Dichloropropene-	10.58	79	16048	21.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.04%
39) 2-Hexanone-d5	10.93	63	14817	43.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	28331	22.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	37827	21.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.36%

Target Compounds

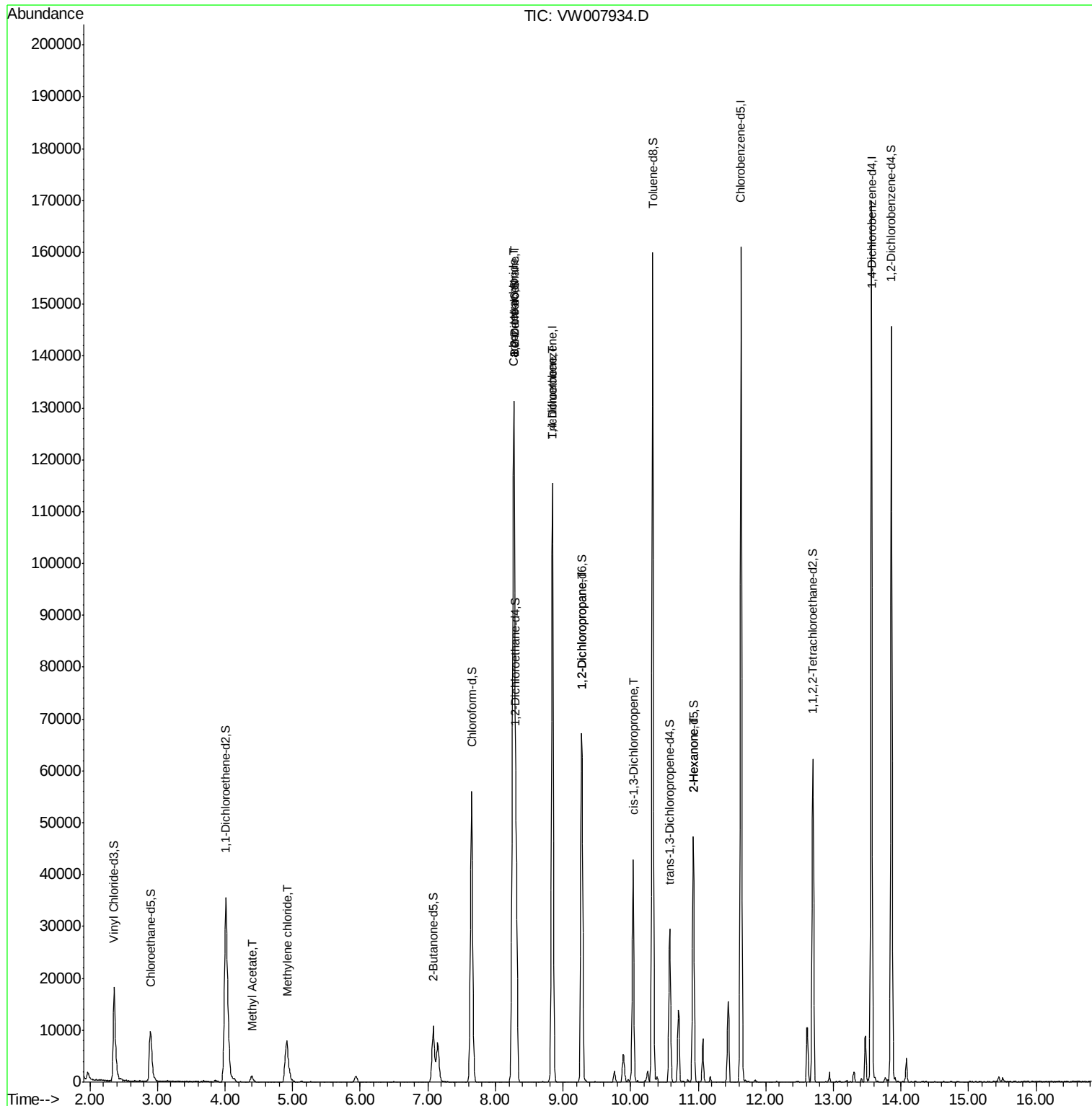
					Qvalue
15) Methyl Acetate	4.40	43	283	0.468 ug/L #	50
16) Methylene chloride	4.91	84	4209	2.685 ug/L	93
27) 1,2-Dichloroethane	8.27	62	771	0.462 ug/L #	80
32) Carbon tetrachloride	8.26	117	741	0.369 ug/L #	6
35) Trichloroethene	8.84	95	3036	2.239 ug/L #	5
40) 1,2-Dichloropropane	9.27	63	3691	3.365 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1163	0.607 ug/L #	70
49) 2-Hexanone	10.93	43	2173	3.469 ug/L #	56

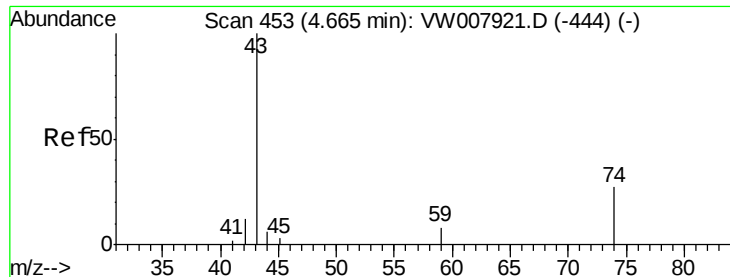
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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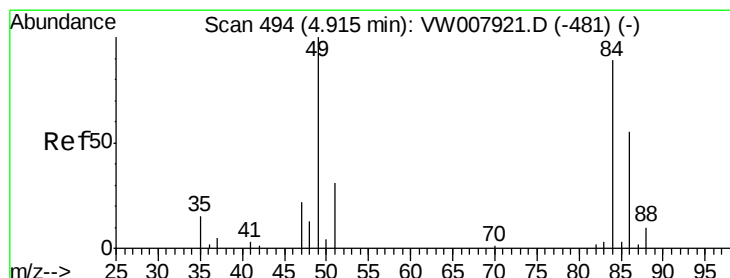
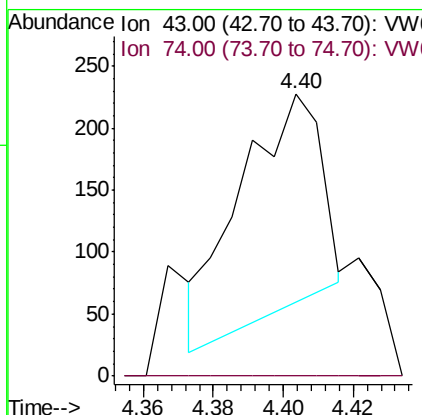
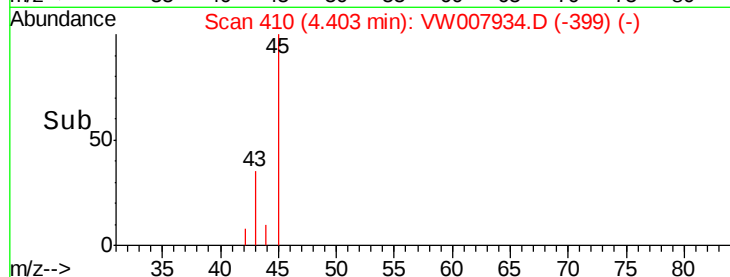
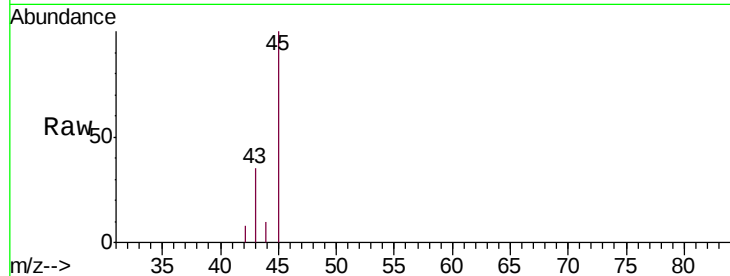




#15
Methyl Acetate
Concen: 0.468 ug/L
RT: 4.40 min Scan# 410
Delta R.T. -0.26 min
Lab File: VW007934.D
Acq: 26 Dec 2018 20:34

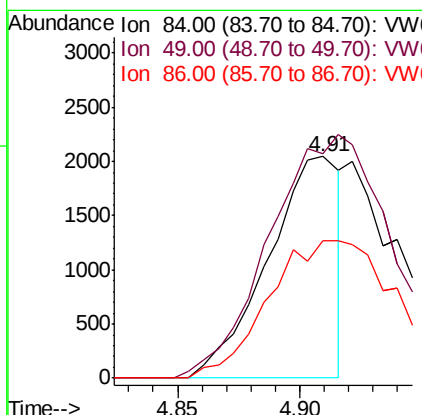
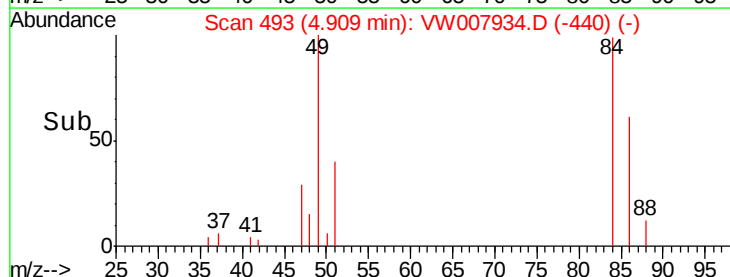
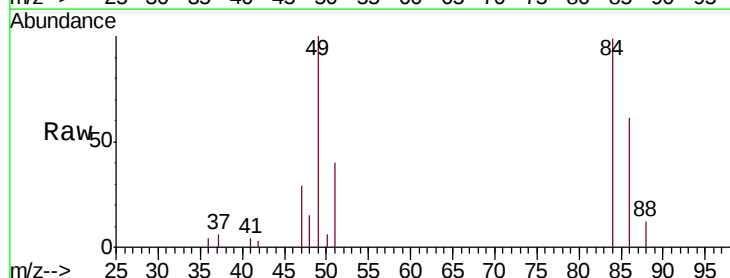
Instrument :
MSVOA_W
ClientSampleId :
VIBLK83

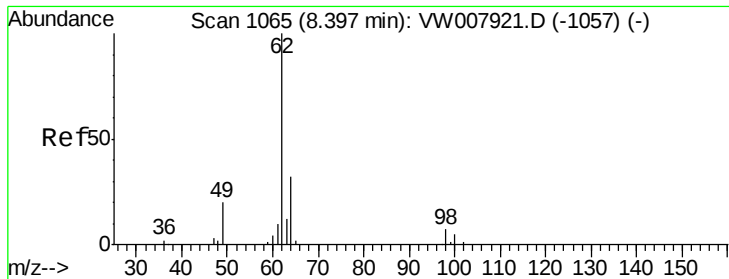
Tgt Ion: 43 Resp: 283
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#16
Methylene chloride
Concen: 2.685 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW007934.D
Acq: 26 Dec 2018 20:34

Tgt Ion: 84 Resp: 4209
Ion Ratio Lower Upper
84 100
49 101.5 79.2 147.0
86 61.9 43.2 80.2





#27

1,2-Dichloroethane

Concen: 0.462 ug/L

RT: 8.27 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW007934.D

Acq: 26 Dec 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

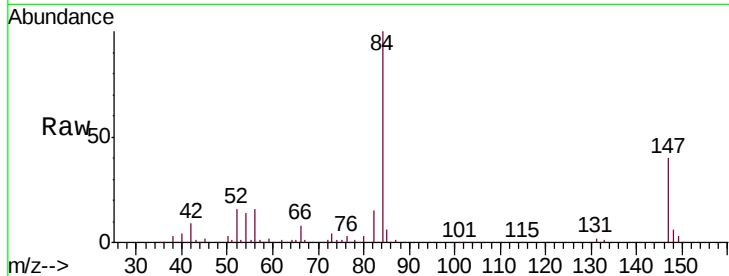
VIBLK83

Tgt Ion: 62 Resp: 771

Ion Ratio Lower Upper

62 100

98 0.0 5.4 8.2#



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW

8.27

300

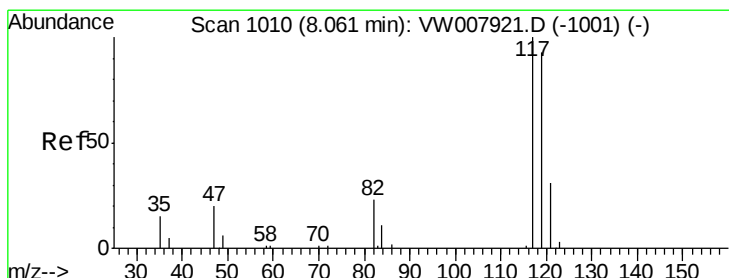
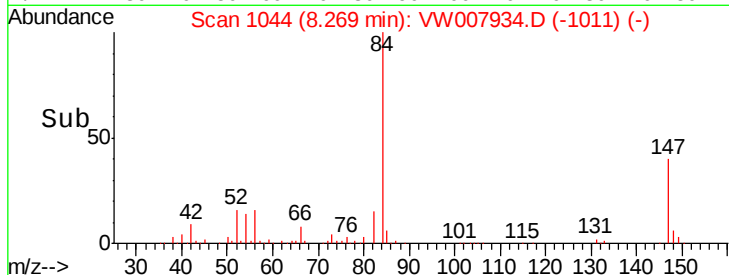
200

100

0

8.25 8.30

Time-->



#32

Carbon tetrachloride

Concen: 0.369 ug/L

RT: 8.26 min Scan# 1043

Delta R.T. 0.20 min

Lab File: VW007934.D

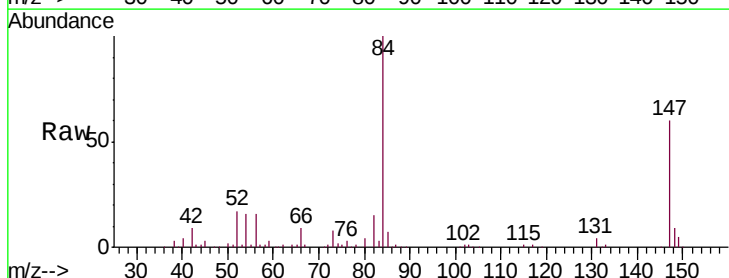
Acq: 26 Dec 2018 20:34

Tgt Ion: 117 Resp: 741

Ion Ratio Lower Upper

117 100

119 3.2 76.0 114.0#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

8.26

400

300

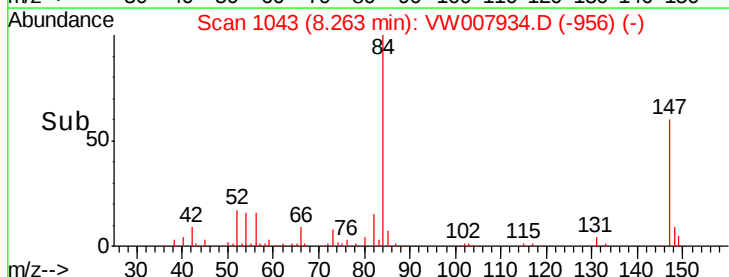
200

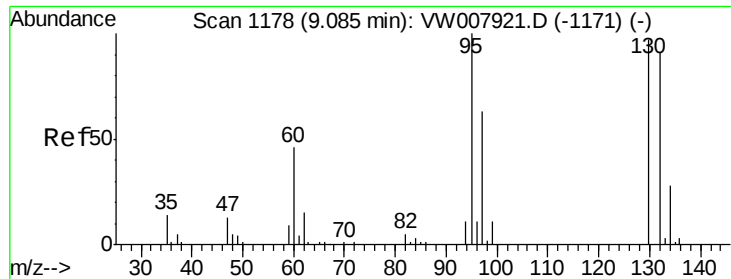
100

0

8.20 8.25 8.30

Time-->





#35

Trichloroethene

Concen: 2.239 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW007934.D

Acq: 26 Dec 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

VIBLK83

Tgt Ion: 95 Resp: 3036

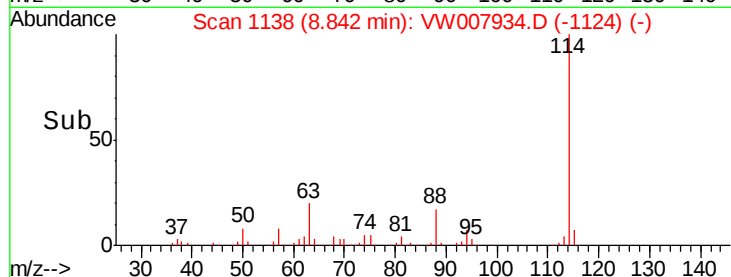
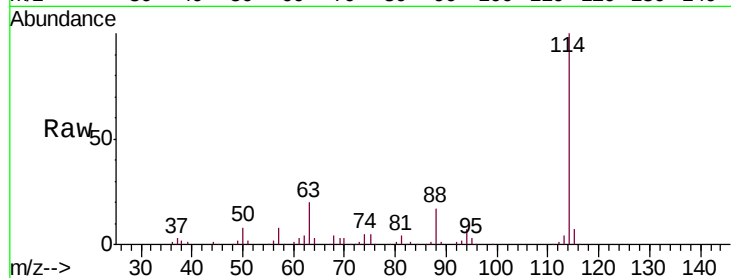
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.5#

132 0.0 67.8 126.0#

130 0.0 70.3 130.7#

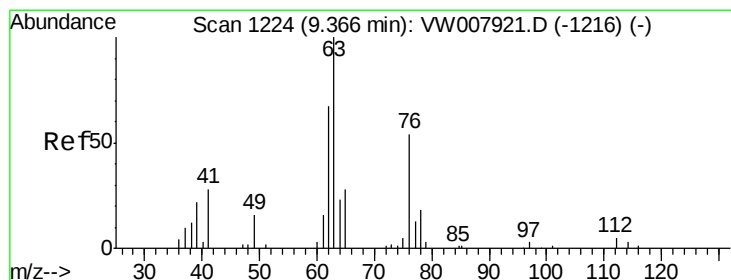
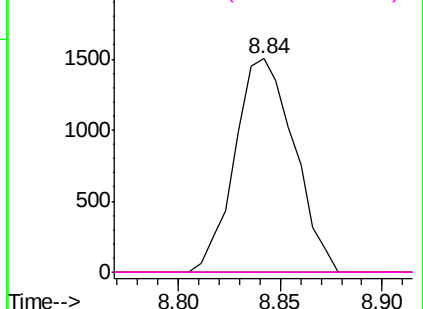


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.365 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW007934.D

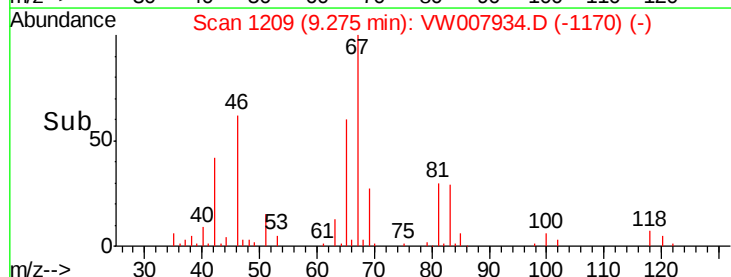
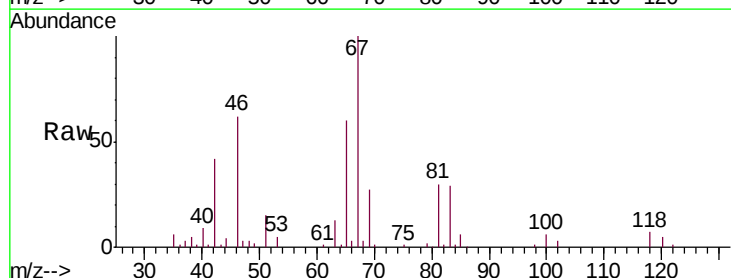
Acq: 26 Dec 2018 20:34

Tgt Ion: 63 Resp: 3691

Ion Ratio Lower Upper

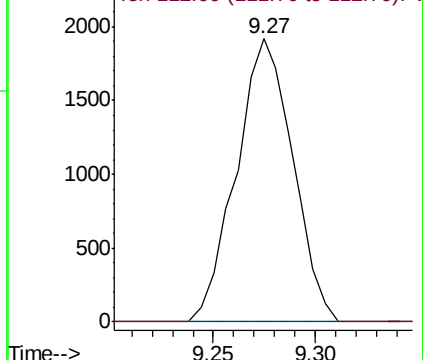
63 100

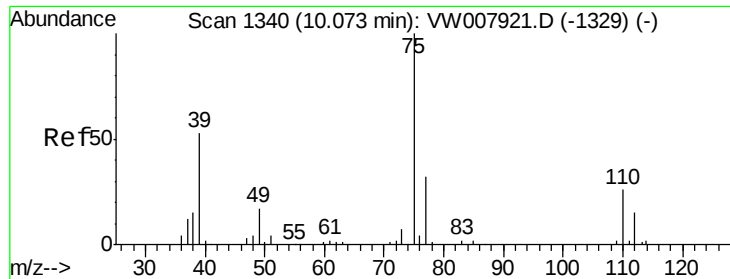
112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

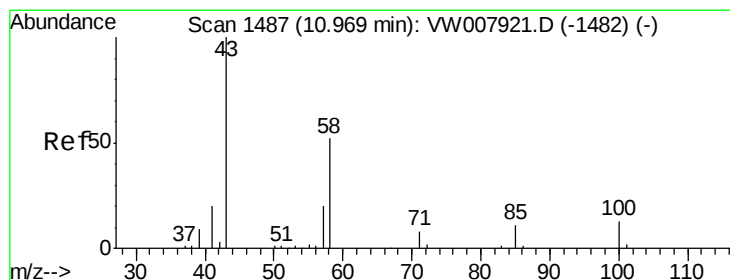
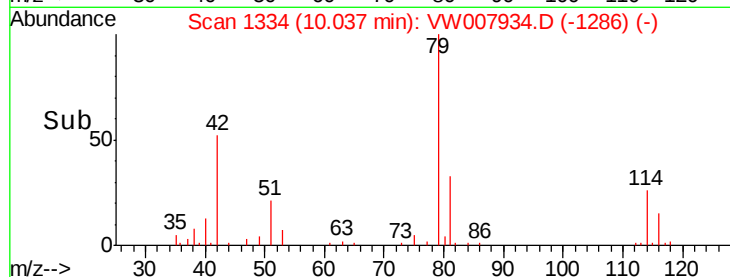
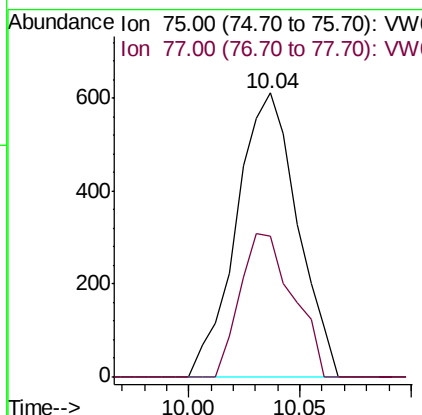
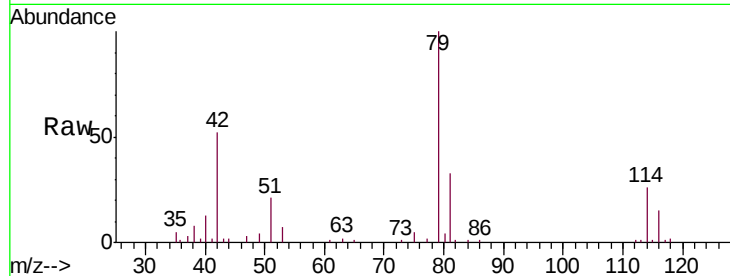




#42
 cis-1,3-Dichloropropene
 Concen: 0.607 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007934.D
 Acq: 26 Dec 2018 20:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK83

Tgt Ion: 75 Resp: 1163
 Ion Ratio Lower Upper
 75 100
 77 49.6 23.0 42.8#



#49
 2-Hexanone
 Concen: 3.469 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW007934.D
 Acq: 26 Dec 2018 20:34

Tgt Ion: 43 Resp: 2173
 Ion Ratio Lower Upper
 43 100
 58 19.6 46.2 69.4#
 57 8.5 17.9 26.9#
 100 0.0 11.4 17.2#

