

Data File : VW007998.D
Acq On : 28 Dec 2018 11:46
Operator : SY/AP
Sample : J6506-21
Misc : 5.05G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Dec 28 22:38:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 22:34:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	93142	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	84953	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	41418	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	19821	21.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.36%
7) Chloroethane-d5	2.89	69	14653	23.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.76%
10) 1,1-Dichloroethene-d2	4.01	63	39817	16.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.08%
20) 2-Butanone-d5	7.08	46	19004	48.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.10%
24) Chloroform-d	7.65	84	54526	22.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	8.31	65	34533	23.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.96%
29) Benzene-d6	8.27	84	102974	21.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.44%
33) 1,2-Dichloropropane-d6	9.27	67	28318	21.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.40%
37) Toluene-d8	10.32	98	100267	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.40%
38) trans-1,3-Dichloropropene-	10.58	79	16127	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.68%
39) 2-Hexanone-d5	10.93	63	15416	46.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	28611	22.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	37787	22.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.36%

Target Compounds

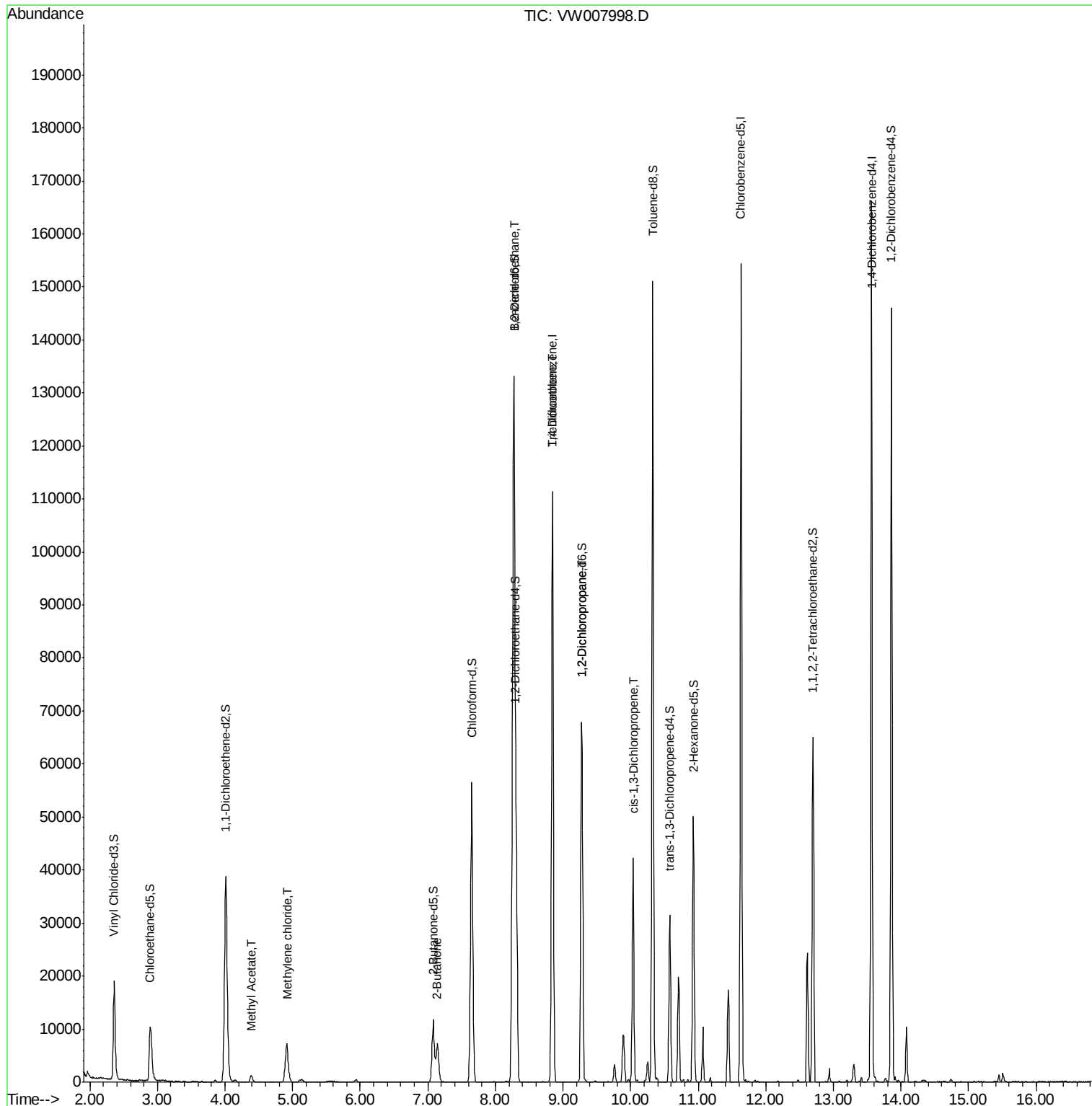
					Qvalue
15) Methyl Acetate	4.39	43	533	0.916 ug/L #	50
16) Methylene chloride	4.92	84	5671	3.763 ug/L	92
21) 2-Butanone	7.13	43	346	0.795 ug/L #	46
27) 1,2-Dichloroethane	8.27	62	581	0.362 ug/L #	80
35) Trichloroethene	8.85	95	3080	2.332 ug/L #	5
40) 1,2-Dichloropropane	9.28	63	3883	3.634 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1124	0.603 ug/L	83

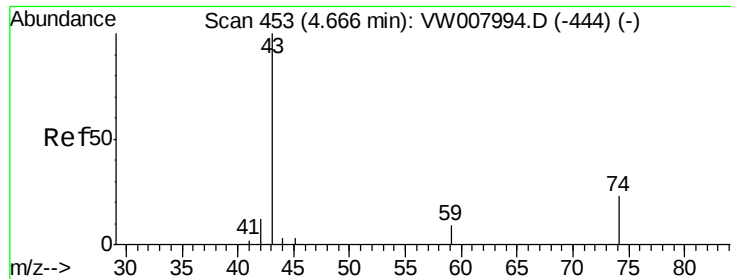
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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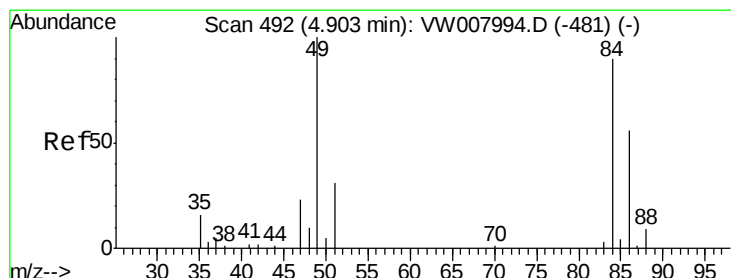
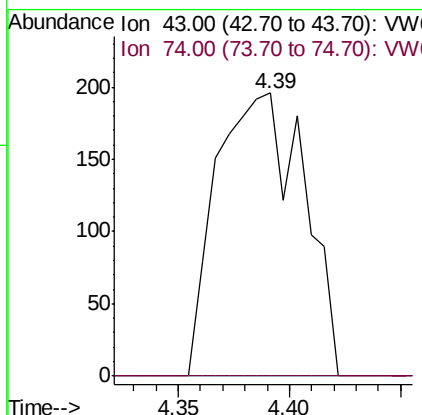
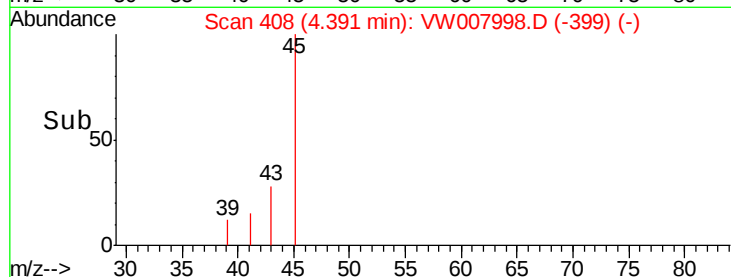
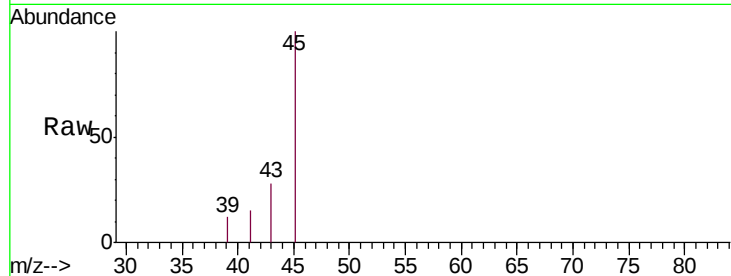




#15
Methyl Acetate
Concen: 0.916 ug/L
RT: 4.39 min Scan# 408
Delta R.T. -0.27 min
Lab File: VW007998.D
Acq: 28 Dec 2018 11:46

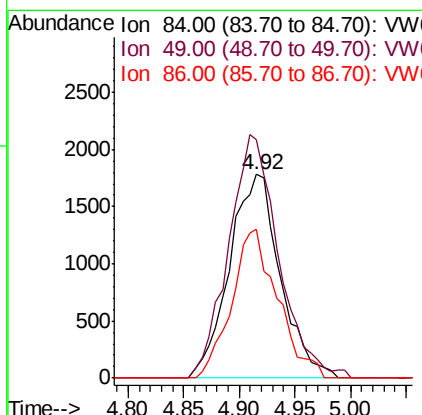
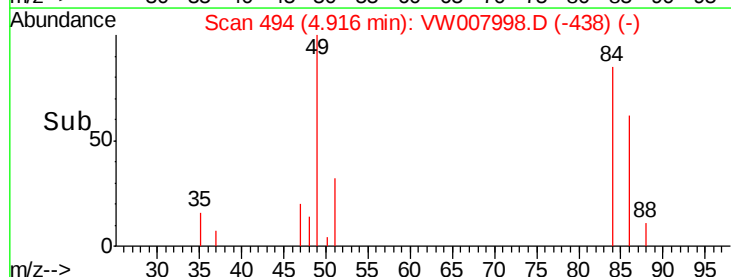
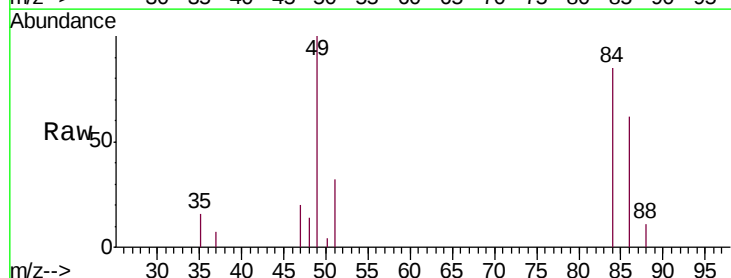
Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

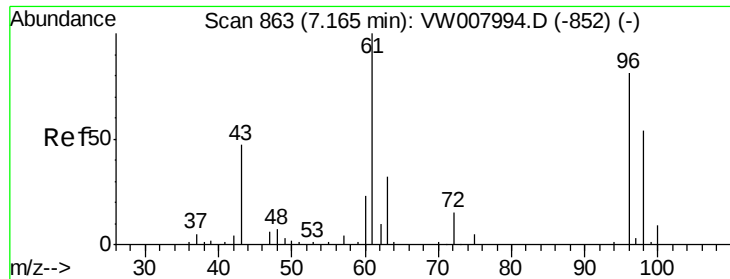
Tgt Ion: 43 Resp: 533
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#16
Methylene chloride
Concen: 3.763 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007998.D
Acq: 28 Dec 2018 11:46

Tgt Ion: 84 Resp: 5671
Ion Ratio Lower Upper
84 100
49 117.5 79.2 147.0
86 73.0 43.2 80.2





#21

2-Butanone

Concen: 0.795 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW007998.D

Acq: 28 Dec 2018 11:46

Instrument :

MSVOA_W

ClientSampled :

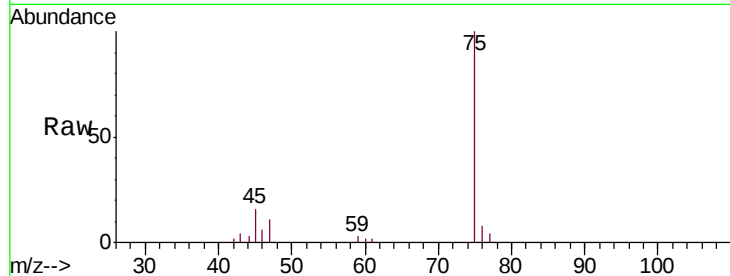
VHBLK01

Tgt Ion: 43 Resp: 346

Ion Ratio Lower Upper

43 100

72 0.0 14.4 43.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.13

200

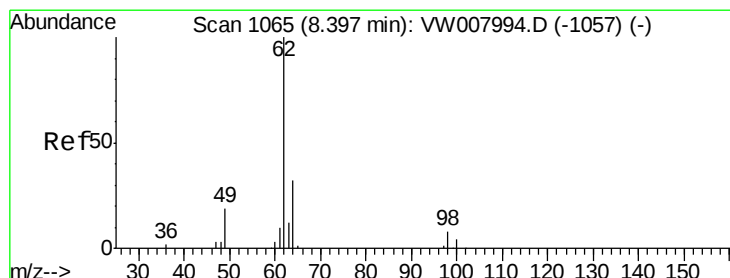
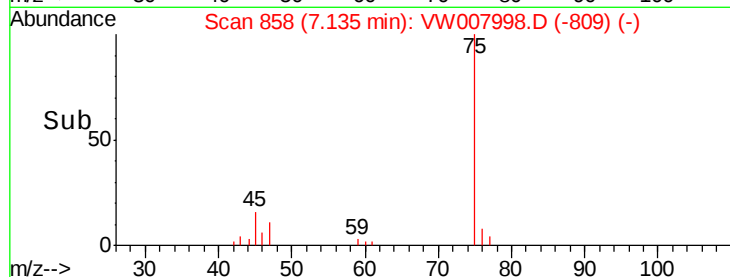
150

100

50

0

Time-->



#27

1,2-Dichloroethane

Concen: 0.362 ug/L

RT: 8.27 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW007998.D

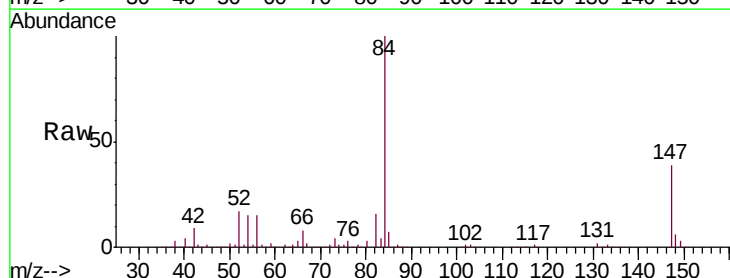
Acq: 28 Dec 2018 11:46

Tgt Ion: 62 Resp: 581

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

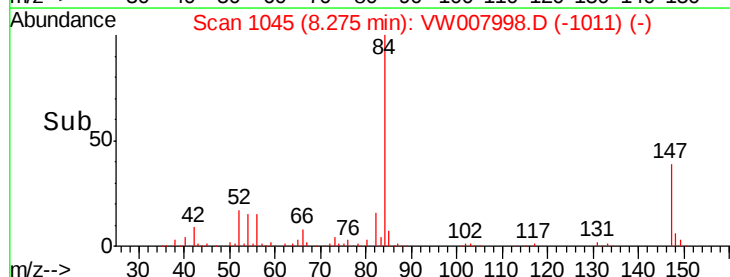
300

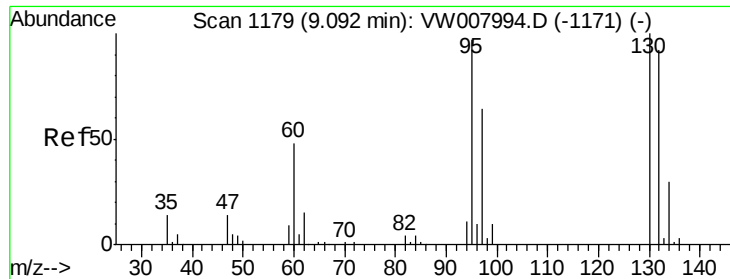
200

100

0

Time-->





#35

Trichloroethene

Concen: 2.332 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW007998.D

Acq: 28 Dec 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tgt Ion: 95 Resp: 3080

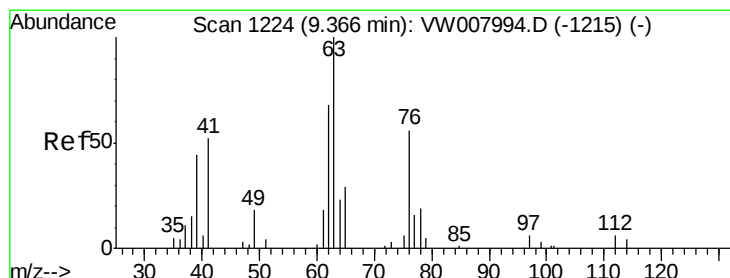
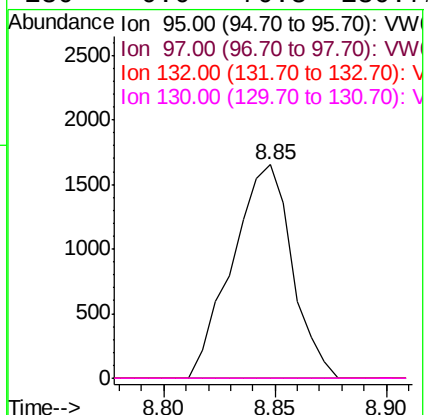
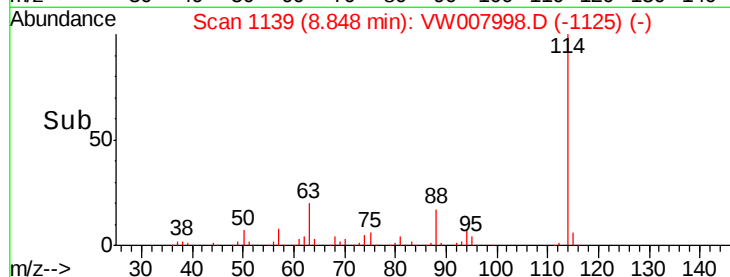
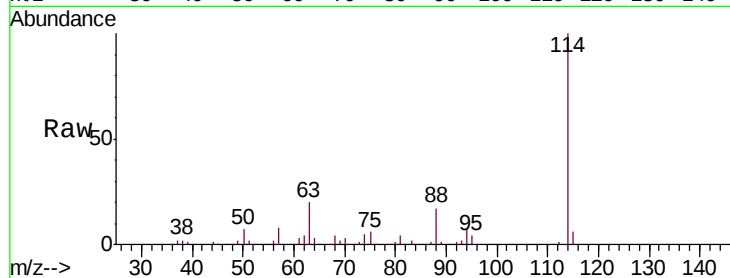
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.5#

132 0.0 67.8 126.0#

130 0.0 70.3 130.7#



#40

1,2-Dichloropropane

Concen: 3.634 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW007998.D

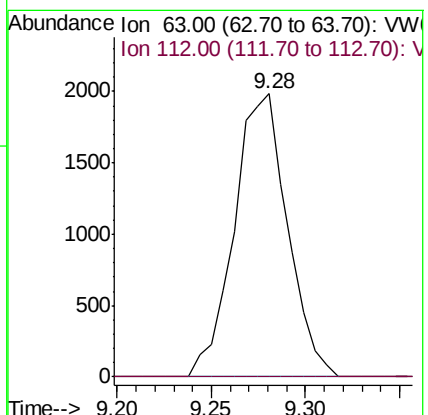
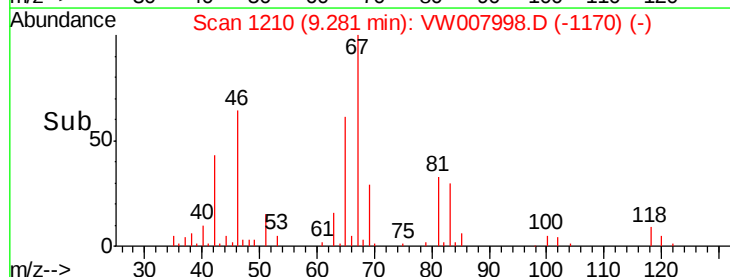
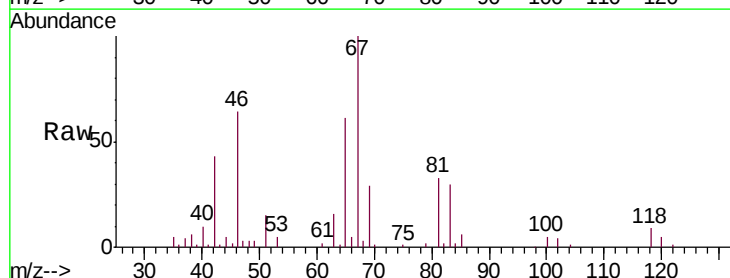
Acq: 28 Dec 2018 11:46

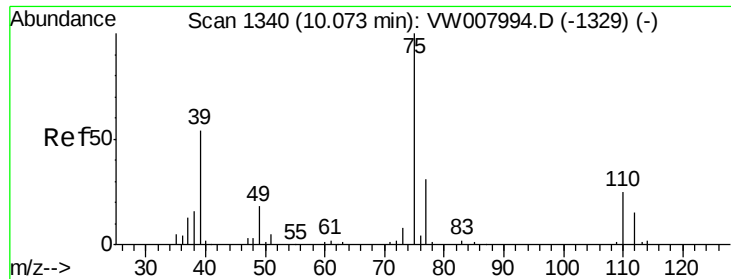
Tgt Ion: 63 Resp: 3883

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#





#42

cis-1,3-Dichloropropene

Concen: 0.603 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW007998.D

Acq: 28 Dec 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 1124

Ion Ratio Lower Upper

75 100

77 42.3 23.0 42.8

