

Data File : VW007938.D
Acq On : 26 Dec 2018 22:17
Operator : SY/AP
Sample : J6487-06
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Dec 27 00:49:47 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	89344	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	80053	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	39308	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	20350	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.44%
7) Chloroethane-d5	2.89	69	13001	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.68%
10) 1,1-Dichloroethene-d2	4.01	63	40713	17.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.32%
20) 2-Butanone-d5	7.07	46	19519	51.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.96%
24) Chloroform-d	7.65	84	50769	21.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.44%
26) 1,2-Dichloroethane-d4	8.31	65	32655	22.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.64%
29) Benzene-d6	8.27	84	100620	22.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.64%
33) 1,2-Dichloropropane-d6	9.27	67	27357	22.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.60%
37) Toluene-d8	10.32	98	97081	22.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.76%
38) trans-1,3-Dichloropropene-	10.58	79	15239	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.96%
39) 2-Hexanone-d5	10.93	63	16032	51.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	28466	24.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	35350	22.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.08%

Target Compounds

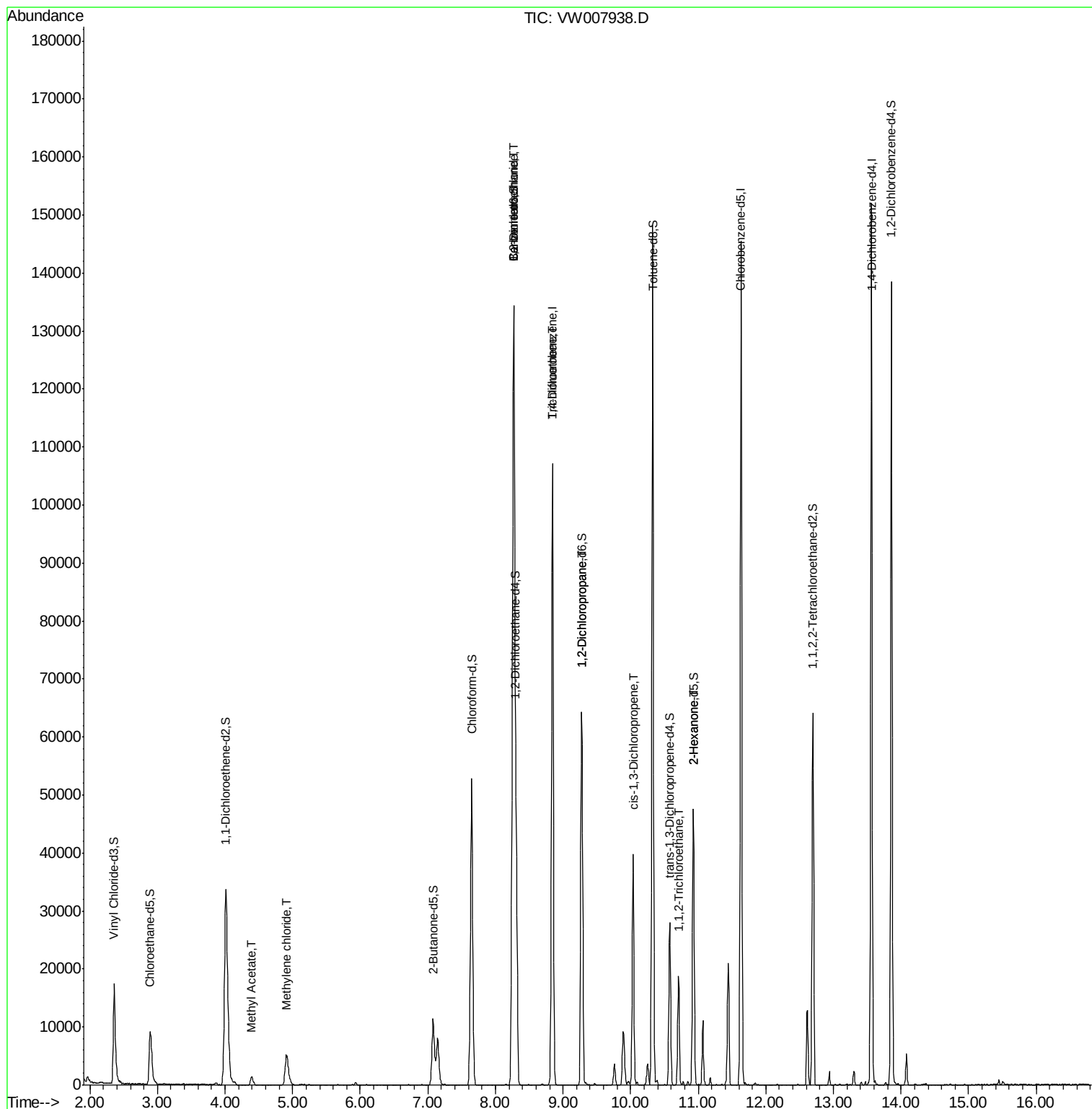
					Qvalue
15) Methyl Acetate	4.40	43	631	1.130 ug/L #	50
16) Methylene chloride	4.90	84	2130	1.473 ug/L	92
27) 1,2-Dichloroethane	8.27	62	650	0.422 ug/L #	80
32) Carbon tetrachloride	8.26	117	766	0.416 ug/L #	14
35) Trichloroethene	8.84	95	2877	2.312 ug/L #	5
40) 1,2-Dichloropropane	9.28	63	3441	3.417 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1121	0.638 ug/L #	71
46) 1,1,2-Trichloroethane	10.71	97	350	0.411 ug/L #	16
49) 2-Hexanone	10.93	43	2076	3.610 ug/L #	64

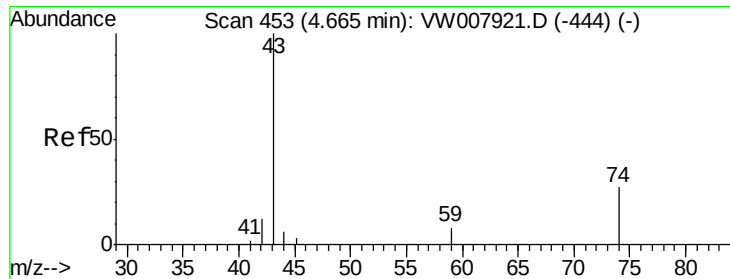
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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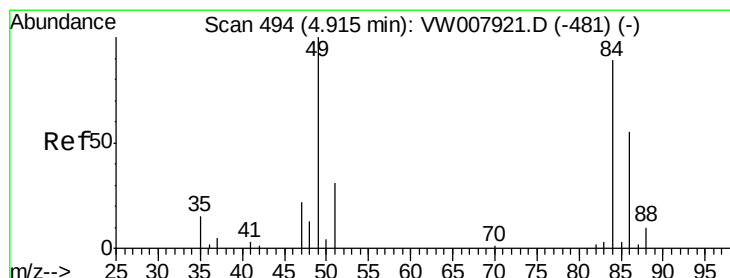
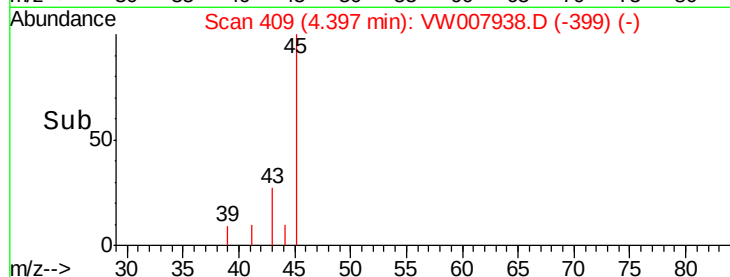
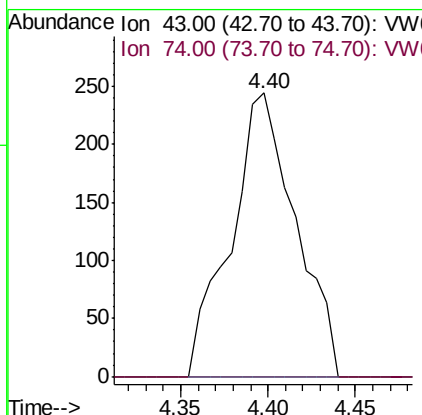
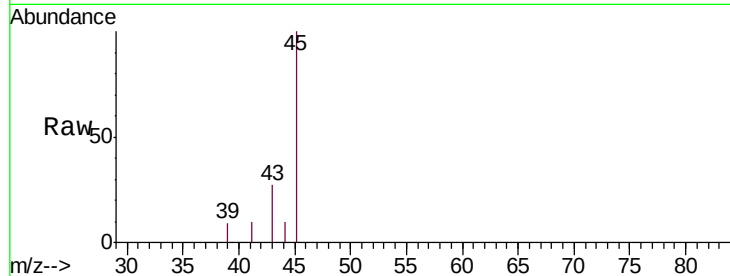




#15
Methyl Acetate
Concen: 1.130 ug/L
RT: 4.40 min Scan# 409
Delta R.T. -0.27 min
Lab File: VW007938.D
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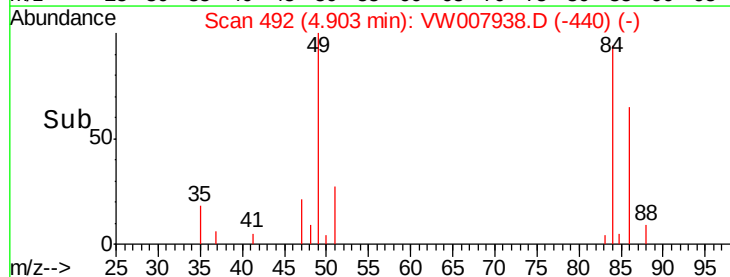
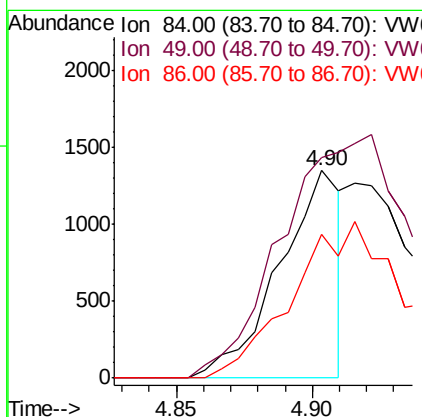
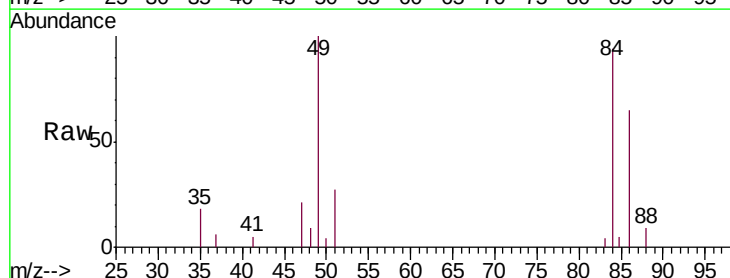
Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

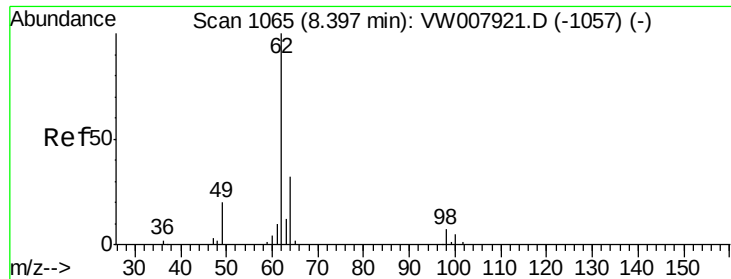
Tgt Ion: 43 Resp: 631
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#16
Methylene chloride
Concen: 1.473 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW007938.D
Acq: 26 Dec 2018 22:17

Tgt Ion: 84 Resp: 2130
Ion Ratio Lower Upper
84 100
49 106.2 79.2 147.0
86 69.1 43.2 80.2

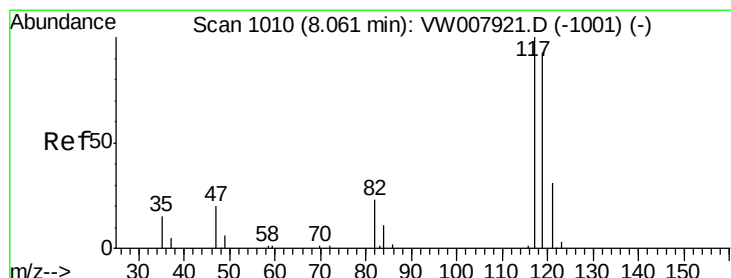
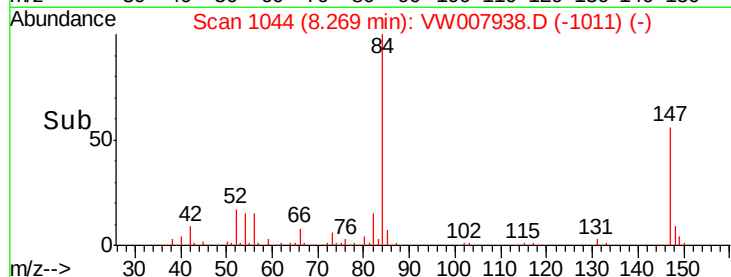
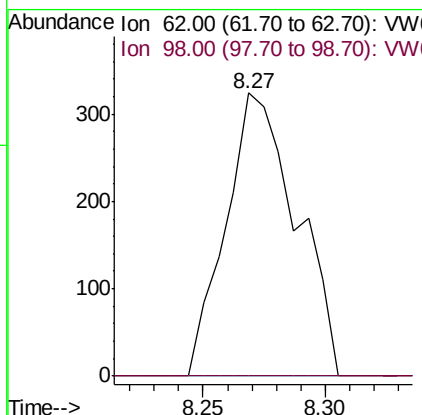
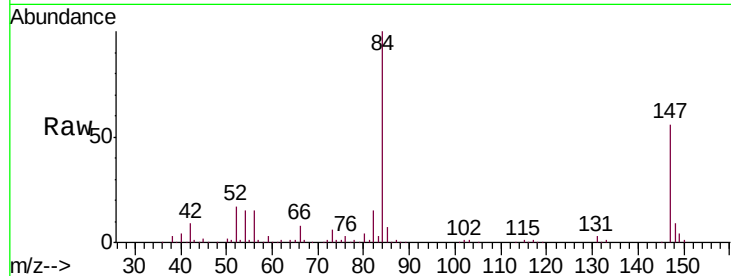




#27
 1,2-Dichloroethane
 Concen: 0.422 ug/L
 RT: 8.27 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW007938.D
 Acq: 26 Dec 2018 22:17

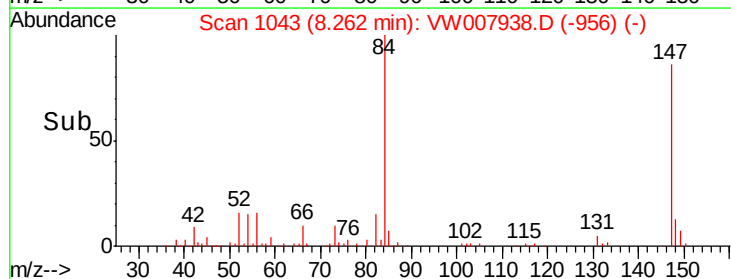
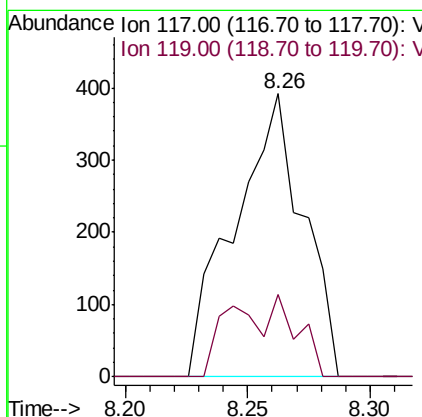
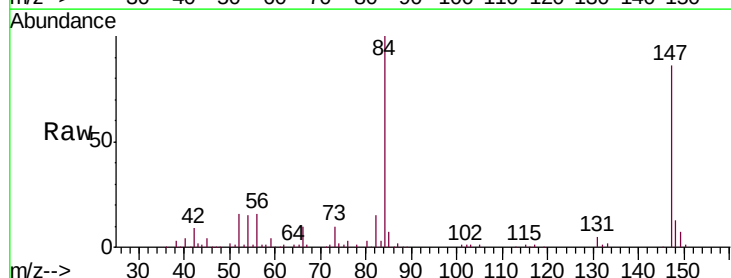
Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

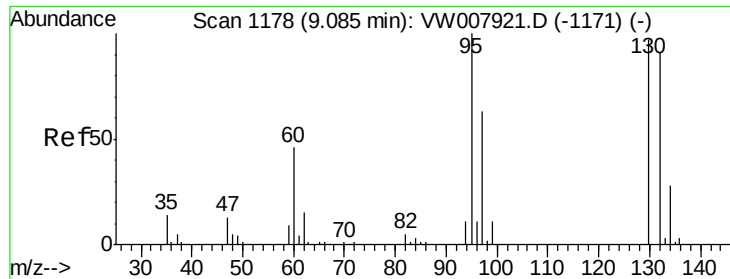
Tgt Ion: 62 Resp: 650
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.4 8.2#



#32
 Carbon tetrachloride
 Concen: 0.416 ug/L
 RT: 8.26 min Scan# 1043
 Delta R.T. 0.20 min
 Lab File: VW007938.D
 Acq: 26 Dec 2018 22:17

Tgt Ion: 117 Resp: 766
 Ion Ratio Lower Upper
 117 100
 119 11.4 76.0 114.0#





#35

Trichloroethene

Concen: 2.312 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW007938.D

Acq: 26 Dec 2018 22:17

Instrument :

MSVOA_W

ClientSampled :

VHBLK01

Tgt Ion: 95 Resp: 2877

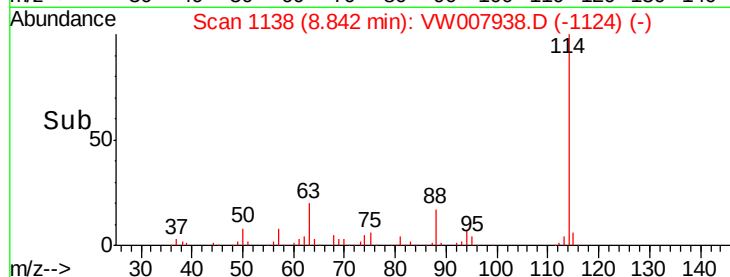
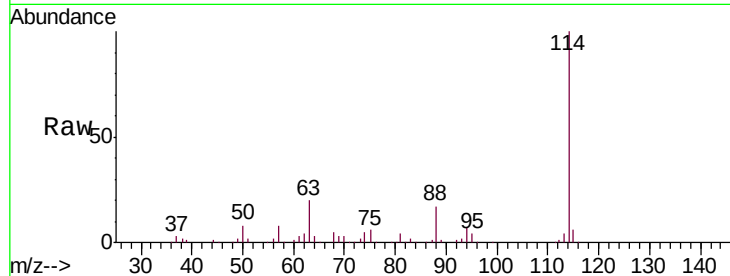
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.5#

132 0.0 67.8 126.0#

130 0.0 70.3 130.7#

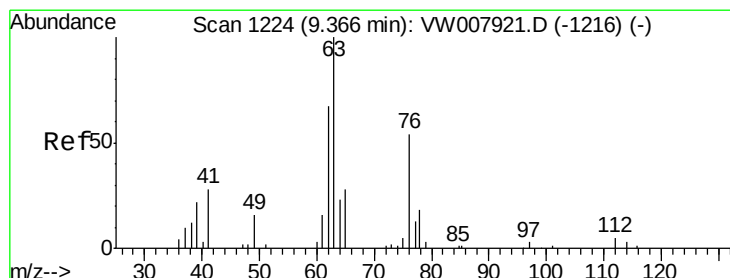
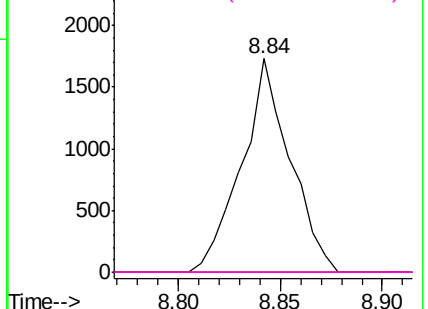


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.417 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW007938.D

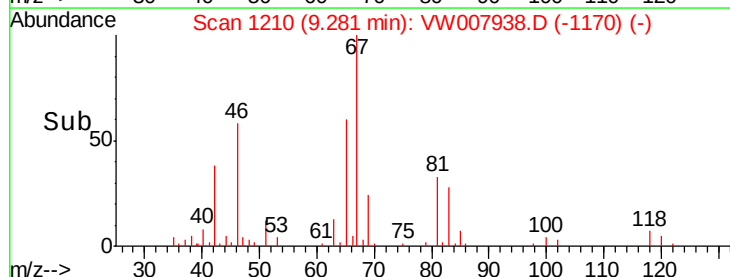
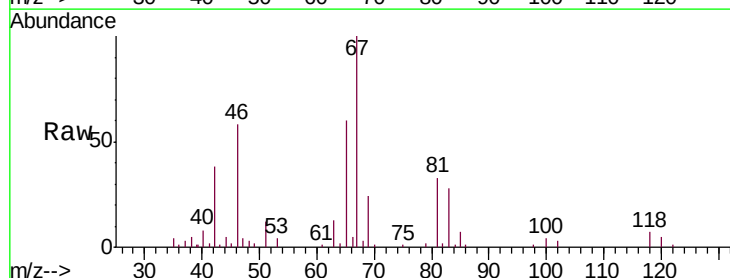
Acq: 26 Dec 2018 22:17

Tgt Ion: 63 Resp: 3441

Ion Ratio Lower Upper

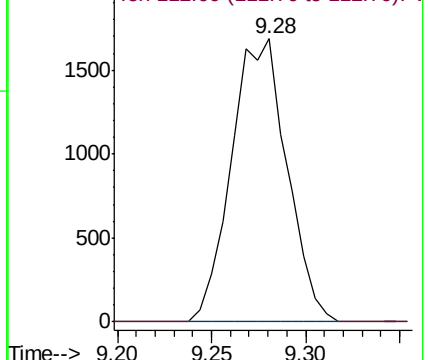
63 100

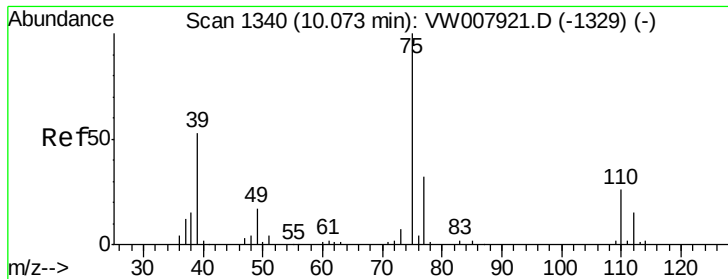
112 0.0 3.7 5.5#



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: 0.638 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007938.D

Acq: 26 Dec 2018 22:17

Instrument :

MSVOA_W

ClientSampleId :

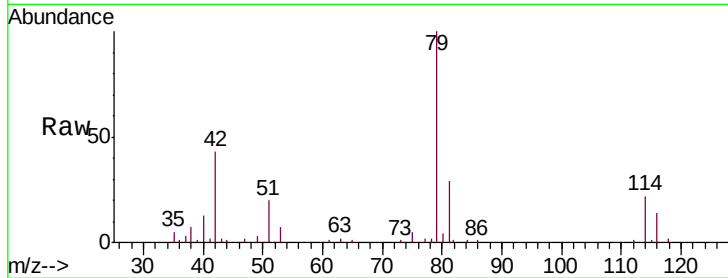
VHBLK01

Tgt Ion: 75 Resp: 1121

Ion Ratio Lower Upper

75 100

77 49.4 23.0 42.8#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.04

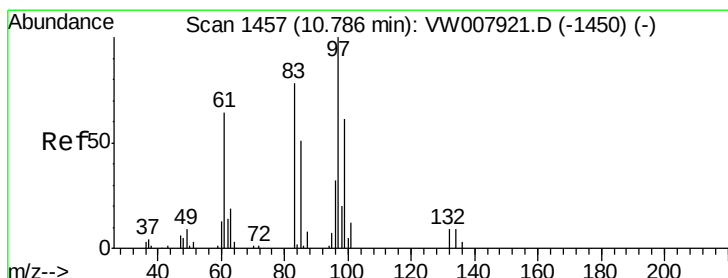
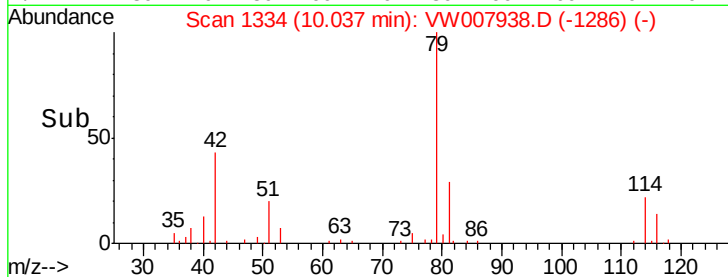
600

400

200

0

Time-->



#46

1,1,2-Trichloroethane

Concen: 0.411 ug/L

RT: 10.71 min Scan# 1444

Delta R.T. -0.08 min

Lab File: VW007938.D

Acq: 26 Dec 2018 22:17

Tgt Ion: 97 Resp: 350

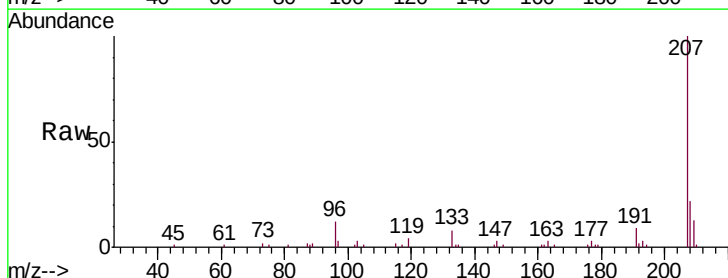
Ion Ratio Lower Upper

97 100

83 0.0 58.4 108.6#

85 0.0 36.4 67.6#

99 0.0 43.8 81.3#



Abundance Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW

400

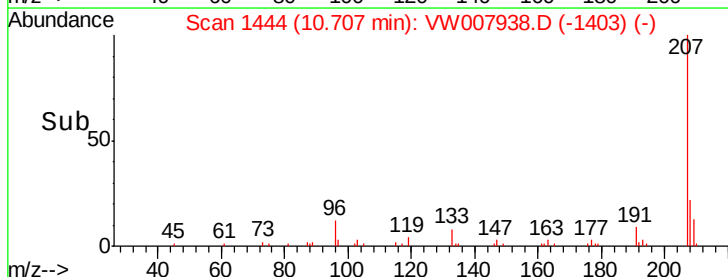
300

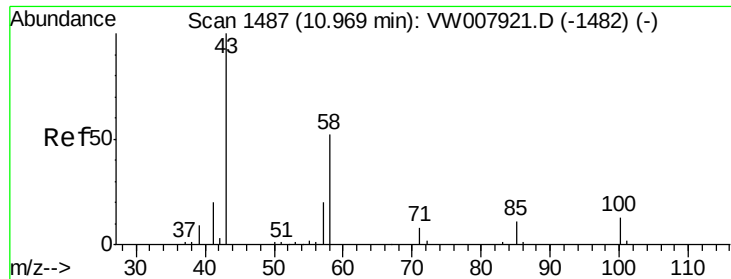
200

100

0

Time-->





#49

2-Hexanone

Concen: 3.610 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW007938.D

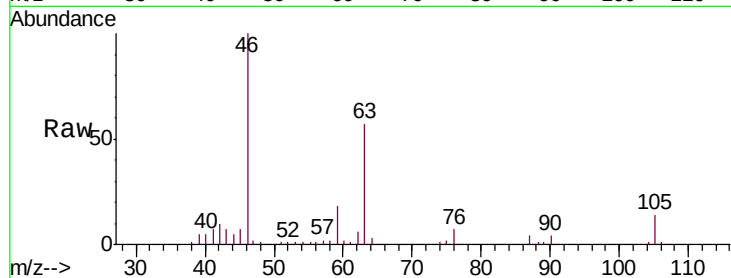
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Instrument :

MSVOA_W

ClientSampleId :

VHBLK01



Tgt Ion:	43	Resp:	2076
Ion	Ratio	Lower	Upper
43	100		
58	20.4	46.2	69.4#
57	21.7	17.9	26.9
100	0.0	11.4	17.2#

