

Data File : VW006945.D
Acq On : 19 Nov 2018 15:05
Operator : SY/AP
Sample : J5979-08
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Nov 20 06:22:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 20 06:18:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	167598	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	162099	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	80224	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	32502	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.36%
7) Chloroethane-d5	2.89	69	25500	23.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.32%
10) 1,1-Dichloroethene-d2	4.03	63	65205	16.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.64%
20) 2-Butanone-d5	7.09	46	36113	44.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.08%
24) Chloroform-d	7.65	84	77377	20.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	8.31	65	52579	25.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.44%
29) Benzene-d6	8.28	84	175673	20.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.92%
33) 1,2-Dichloropropane-d6	9.28	67	54325	20.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.76%
37) Toluene-d8	10.33	98	181841	20.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.80%
38) trans-1,3-Dichloropropene-	10.58	79	22756	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.68%
39) 2-Hexanone-d5	10.93	63	27315	42.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	51637	23.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	67804	22.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.28%

Target Compounds

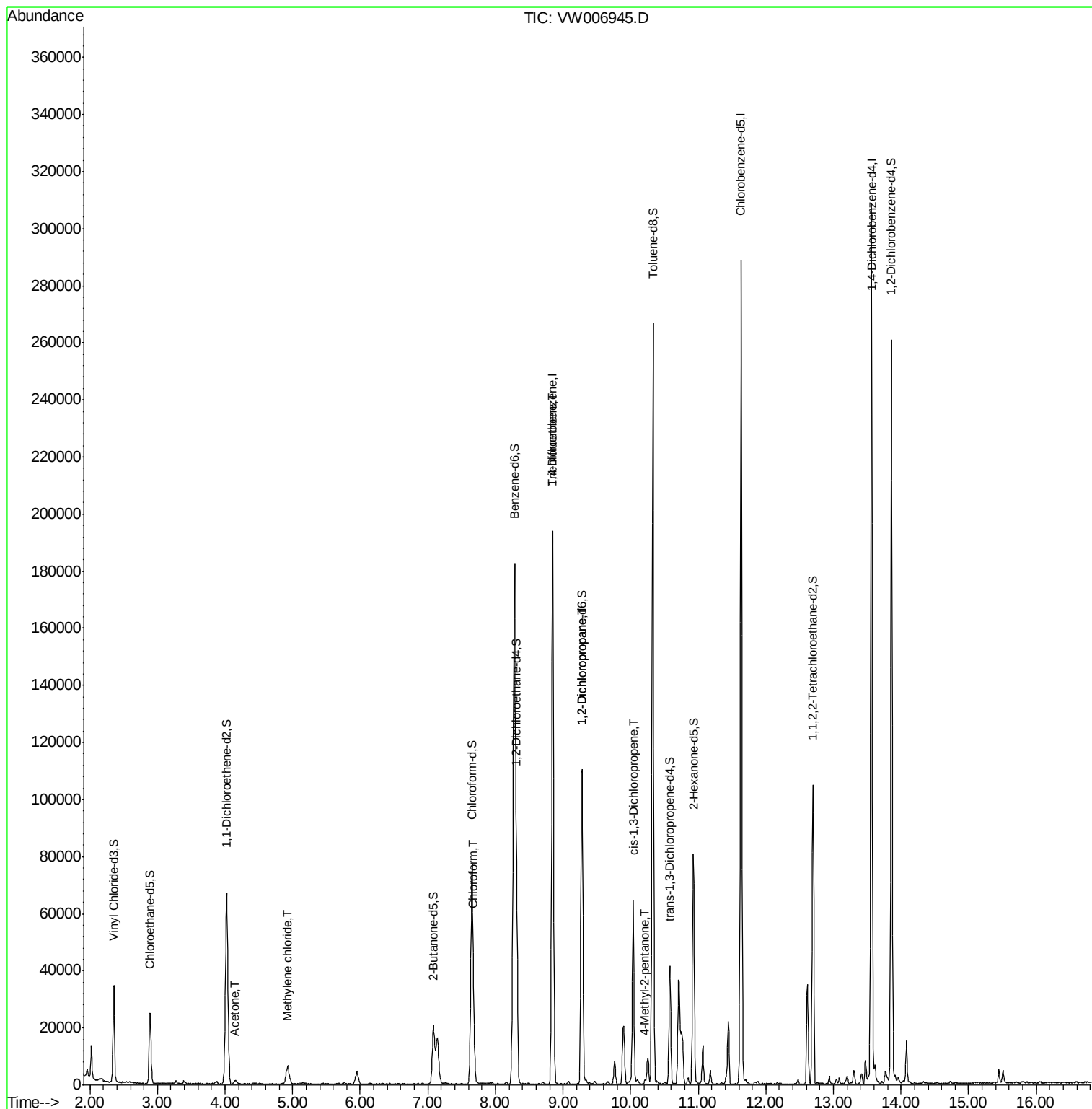
					Qvalue
13) Acetone	4.14	43	750	1.420 ug/L	81
16) Methylene chloride	4.92	84	4934	1.684 ug/L	96
25) Chloroform	7.68	83	8966	2.173 ug/L	89
35) Trichloroethene	8.85	95	4988	2.020 ug/L #	6
40) 1,2-Dichloropropane	9.28	63	5863	2.625 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	1699	0.504 ug/L #	51
43) 4-Methyl-2-pentanone	10.21	43	1016	0.581 ug/L #	93

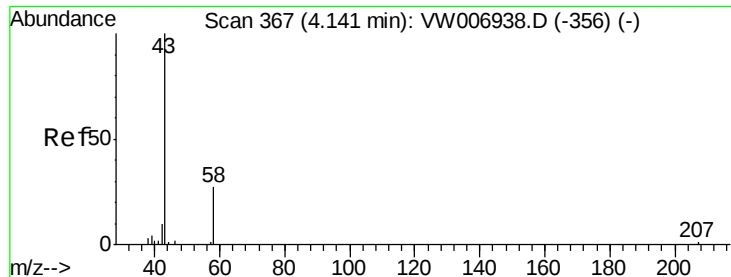
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.420 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

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ClientSampleId :

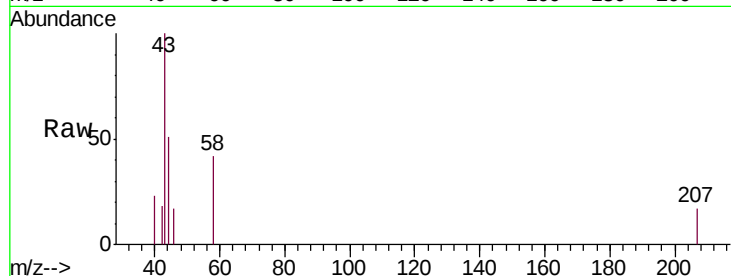
VHBLK01

Tgt Ion: 43 Resp: 750

Ion Ratio Lower Upper

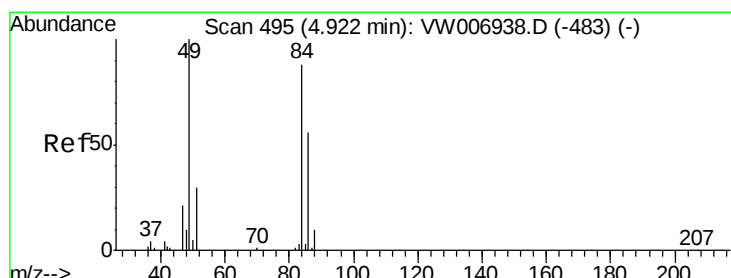
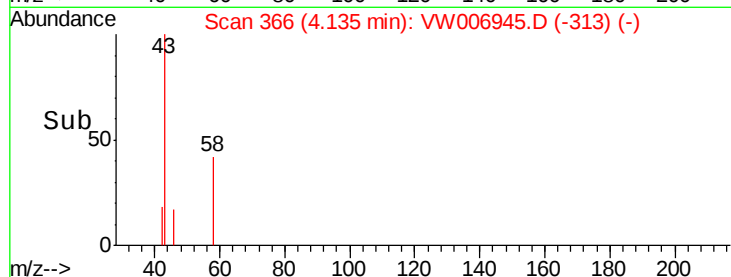
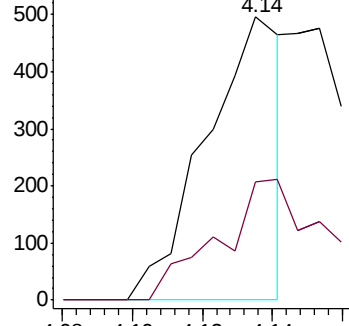
43 100

58 21.9 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.684 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

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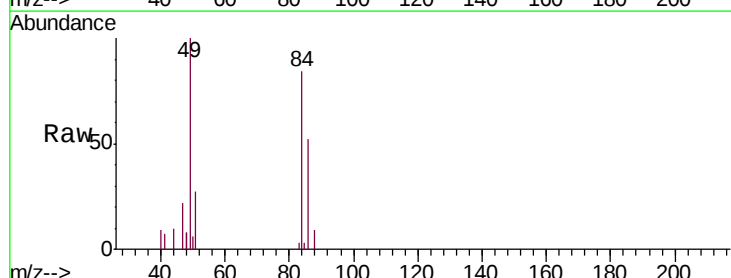
Tgt Ion: 84 Resp: 4934

Ion Ratio Lower Upper

84 100

49 118.9 79.3 147.3

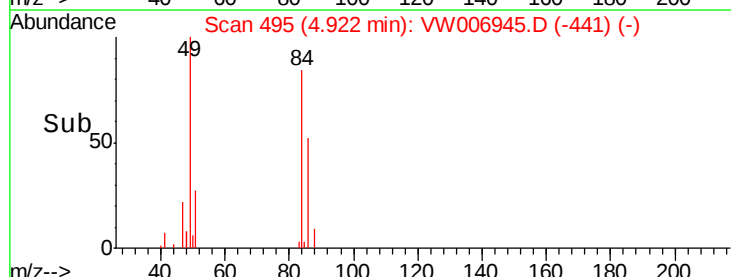
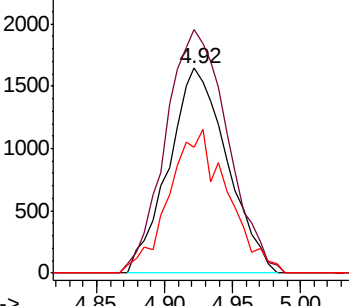
86 61.3 43.5 80.9

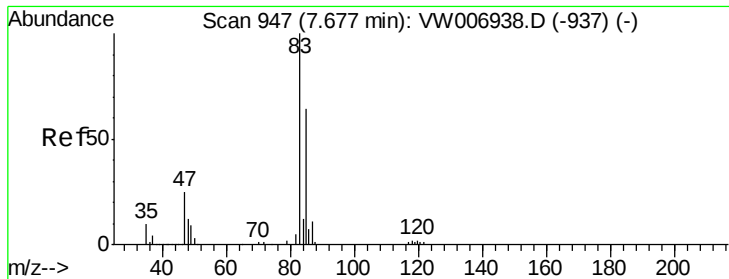


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#25

Chloroform

Concen: 2.173 ug/L

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

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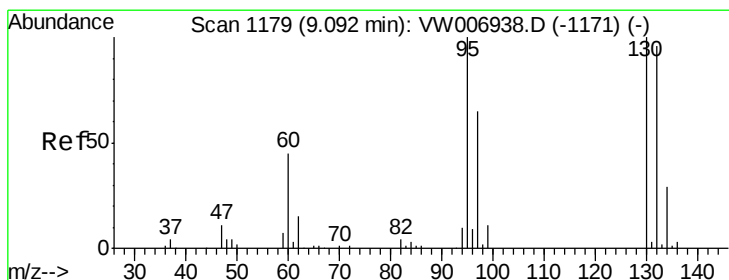
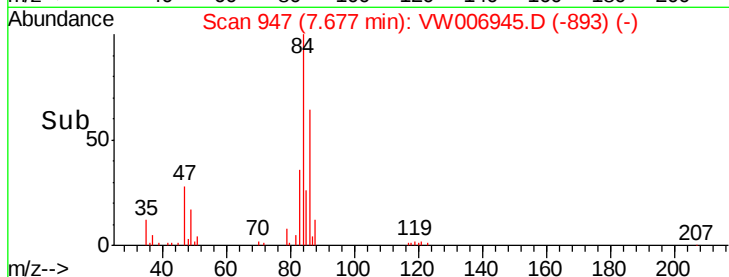
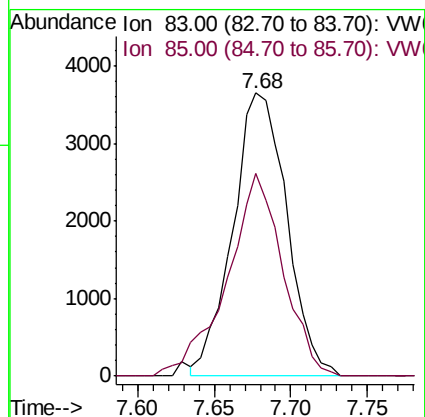
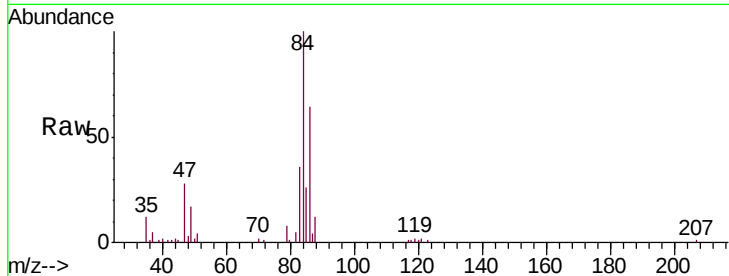
VHBLK01

Tgt Ion: 83 Resp: 8966

Ion Ratio Lower Upper

83 100

85 73.8 45.4 84.2



#35

Trichloroethene

Concen: 2.020 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

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Tgt Ion: 95 Resp: 4988

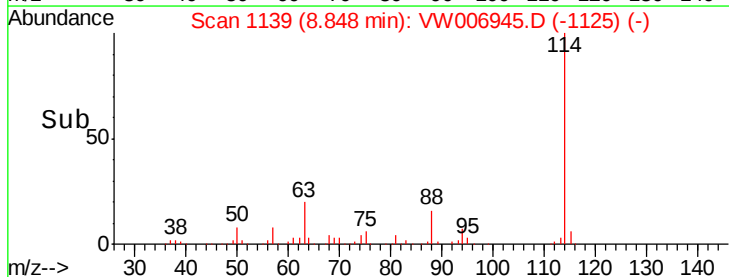
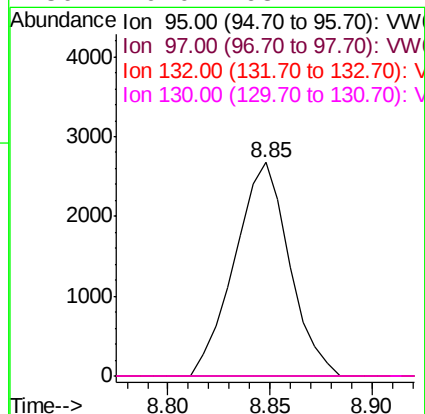
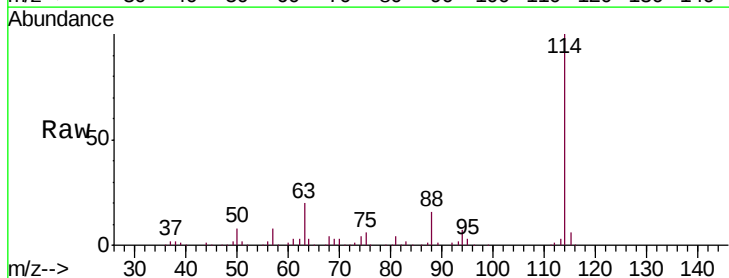
Ion Ratio Lower Upper

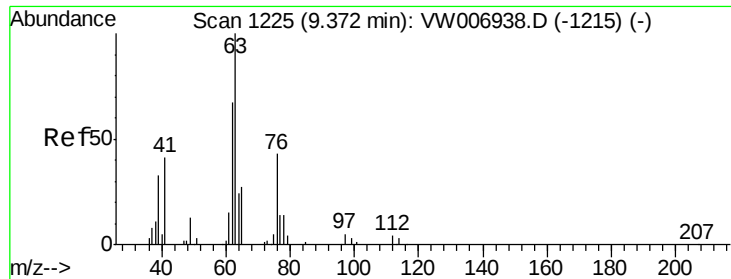
95 100

97 0.0 45.1 83.9#

132 0.0 65.7 121.9#

130 0.0 68.7 127.7#

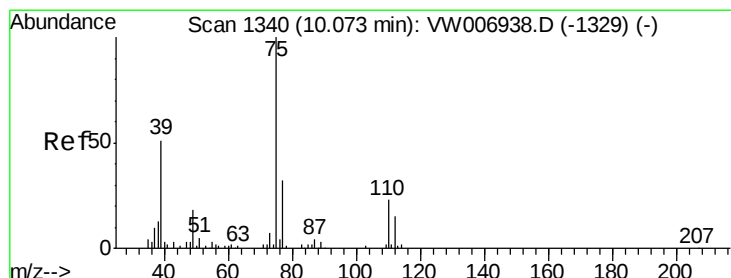
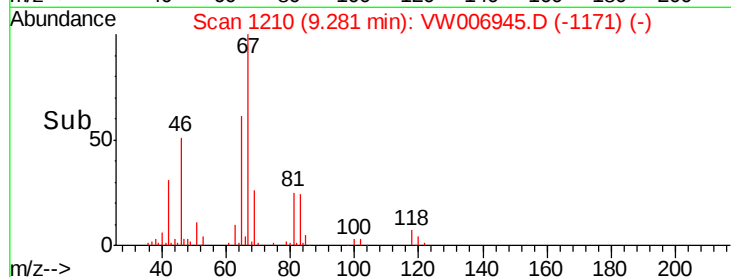
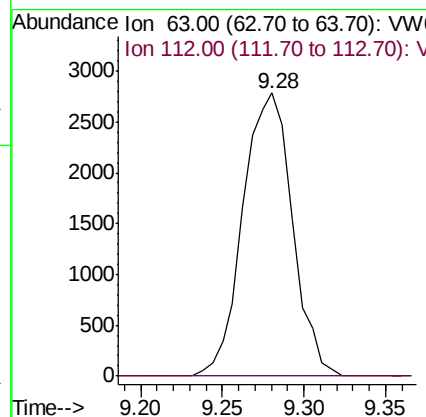
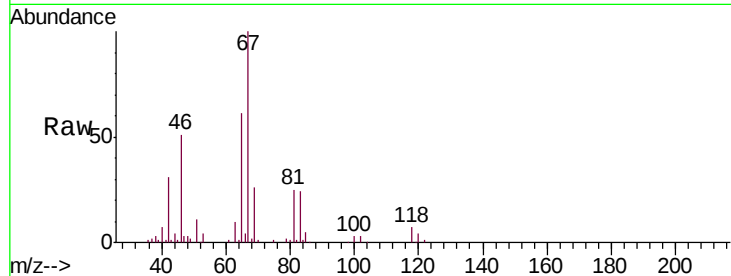




#40
 1,2-Dichloropropane
 Concen: 2.625 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW006945.D
 Acq: 19 Nov 2018 15:05

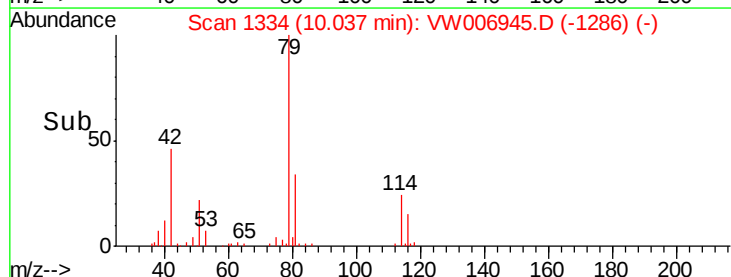
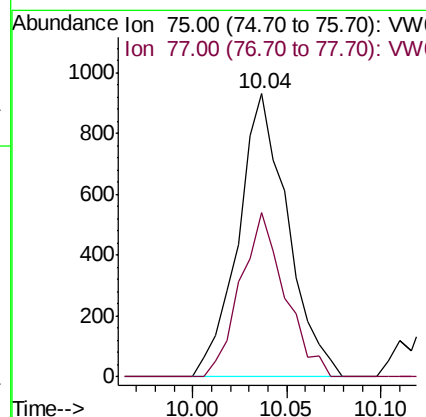
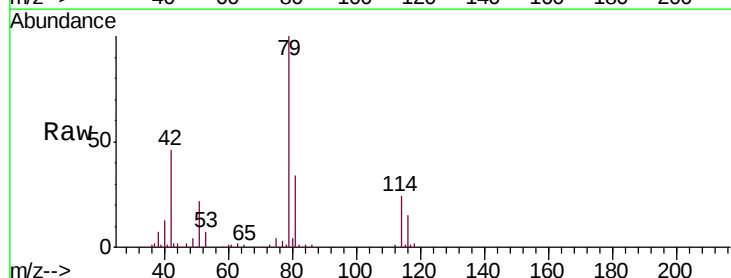
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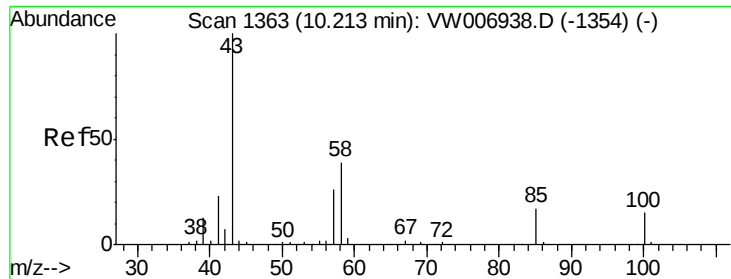
Tgt Ion: 63 Resp: 5863
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#42
 cis-1,3-Dichloropropene
 Concen: 0.504 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW006945.D
 Acq: 19 Nov 2018 15:05

Tgt Ion: 75 Resp: 1699
 Ion Ratio Lower Upper
 75 100
 77 58.2 21.9 40.7#





#43

4-Methyl-2-pentanone

Concen: 0.581 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006945.D

Acq: 19 Nov 2018 15:05

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tgt Ion: 43 Resp: 1016

Ion Ratio Lower Upper

43 100

58 43.2 31.6 47.4

100 11.4 12.3 18.5#

