

Data File : VW006944.D
Acq On : 19 Nov 2018 14:39
Operator : SY/AP
Sample : J5945-08
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Nov 20 06:22:09 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	161865	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	157184	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	78404	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	32480	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.40%
7) Chloroethane-d5	2.89	69	25153	24.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.36%
10) 1,1-Dichloroethene-d2	4.03	63	65840	17.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.60%
20) 2-Butanone-d5	7.09	46	33231	41.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.92%
24) Chloroform-d	7.65	84	80782	22.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.16%
26) 1,2-Dichloroethane-d4	8.31	65	53825	26.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.44%
29) Benzene-d6	8.28	84	177930	21.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.60%
33) 1,2-Dichloropropane-d6	9.28	67	54508	21.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.68%
37) Toluene-d8	10.33	98	184746	21.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.80%
38) trans-1,3-Dichloropropene-	10.58	79	23141	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.68%
39) 2-Hexanone-d5	10.93	63	25738	41.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	49256	22.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	68969	23.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.92%

Target Compounds

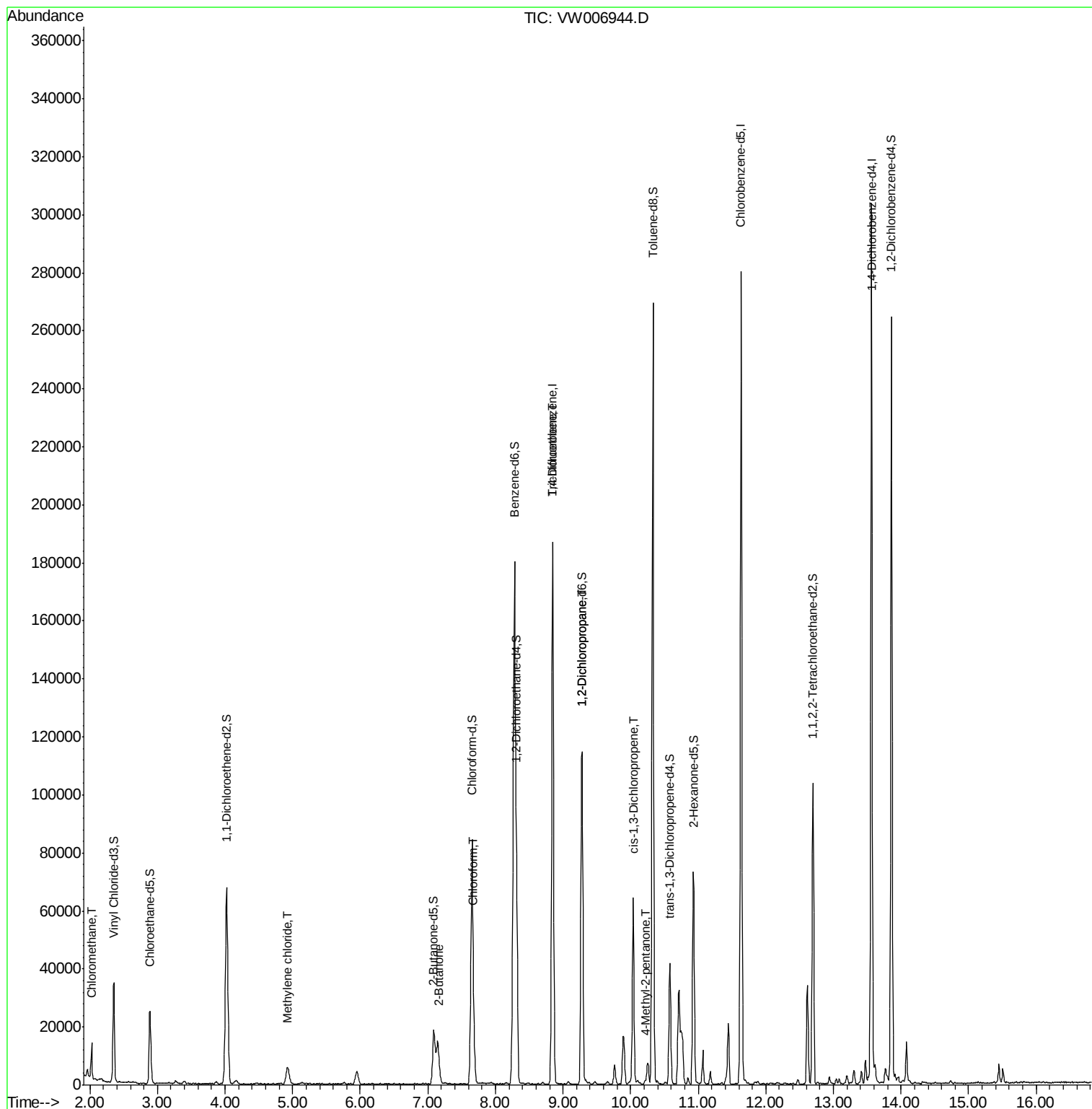
					Qvalue	
3) Chloromethane	2.03	50	661	0.375	ug/L #	57
16) Methylene chloride	4.92	84	4964	1.754	ug/L	93
21) 2-Butanone	7.17	43	405	0.460	ug/L #	48
25) Chloroform	7.68	83	8450	2.121	ug/L	85
35) Trichloroethene	8.84	95	4914	2.052	ug/L #	6
40) 1,2-Dichloropropane	9.28	63	6183	2.855	ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	1517	0.464	ug/L #	65
43) 4-Methyl-2-pentanone	10.21	43	1080	0.636	ug/L #	49

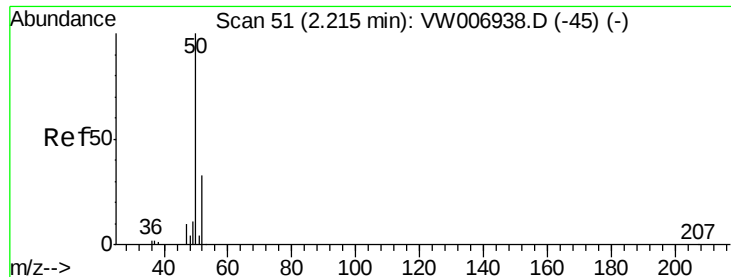
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.375 ug/L

RT: 2.03 min Scan# 20

Delta R.T. -0.19 min

Lab File: VW006944.D

Acq: 19 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

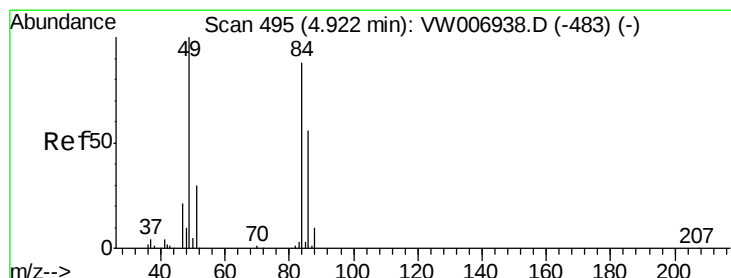
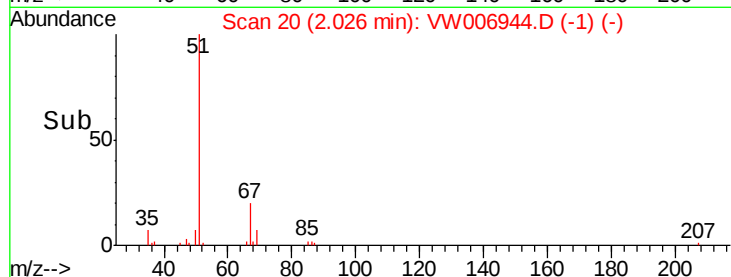
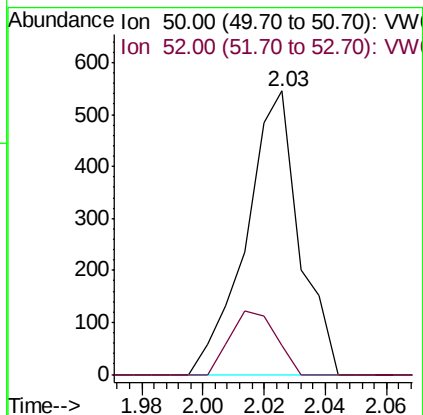
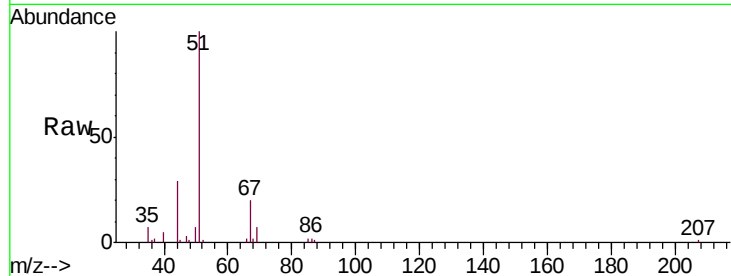
VHBLK01

Tgt Ion: 50 Resp: 661

Ion Ratio Lower Upper

50 100

52 10.1 24.4 45.4#



#16

Methylene chloride

Concen: 1.754 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

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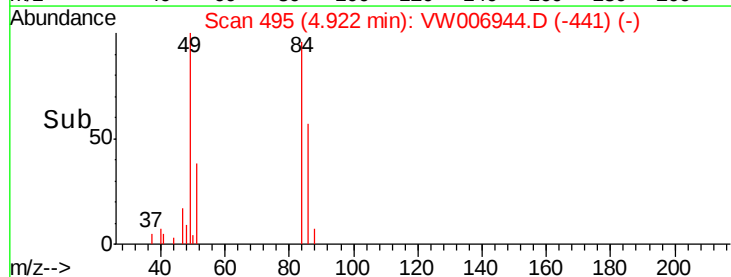
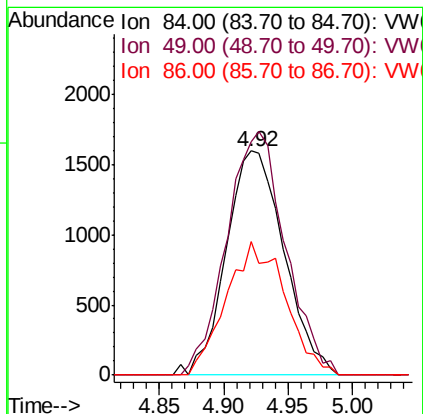
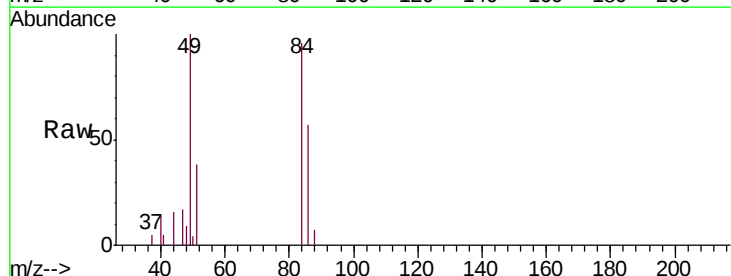
Tgt Ion: 84 Resp: 4964

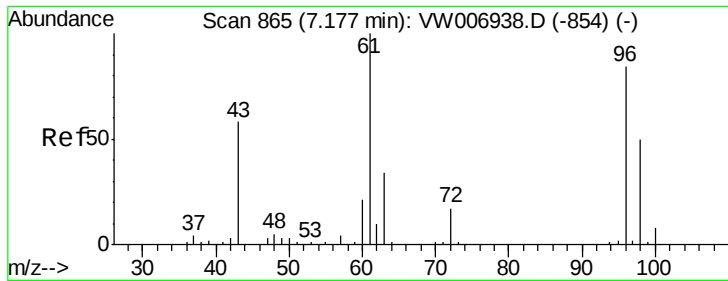
Ion Ratio Lower Upper

84 100

49 104.3 79.3 147.3

86 59.7 43.5 80.9

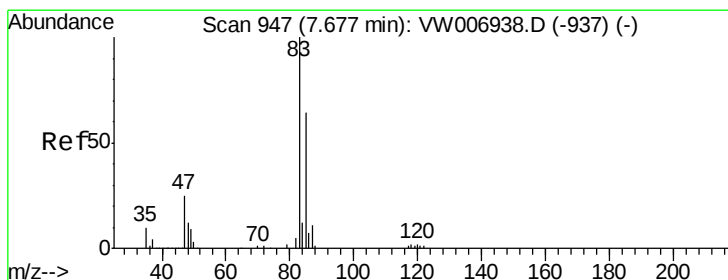
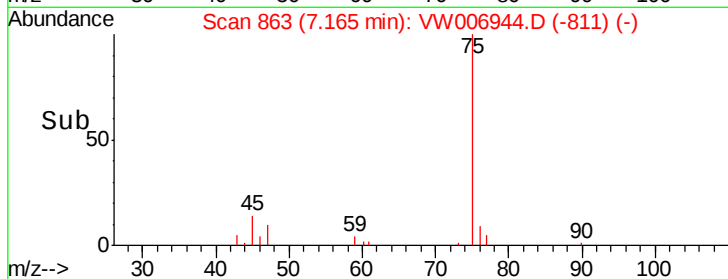
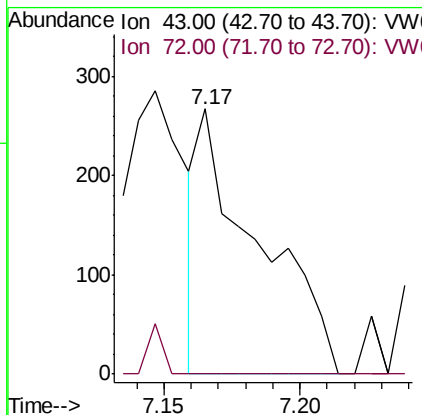
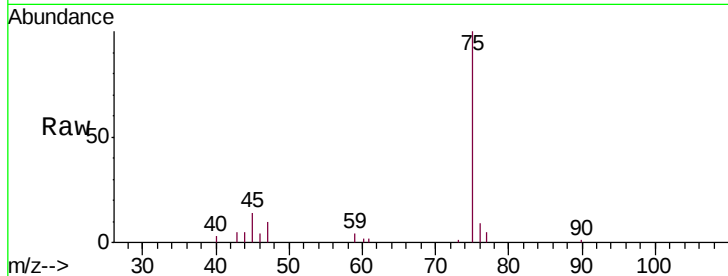




#21
 2-Butanone
 Concen: 0.460 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW006944.D
 Acq: 19 Nov 2018 14:39

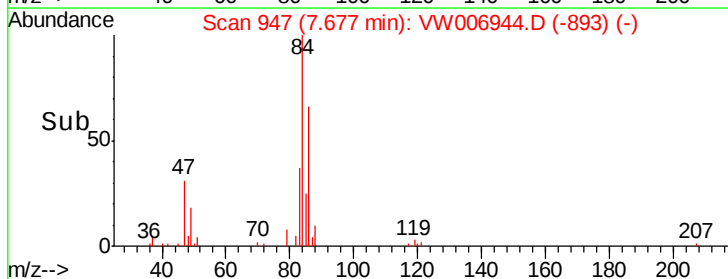
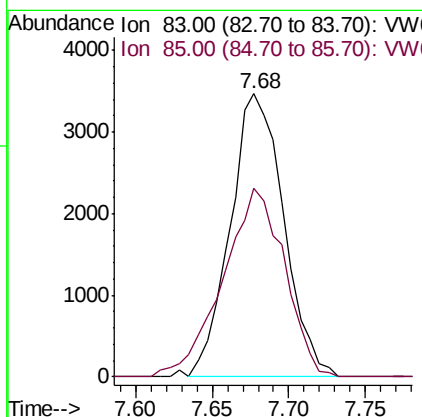
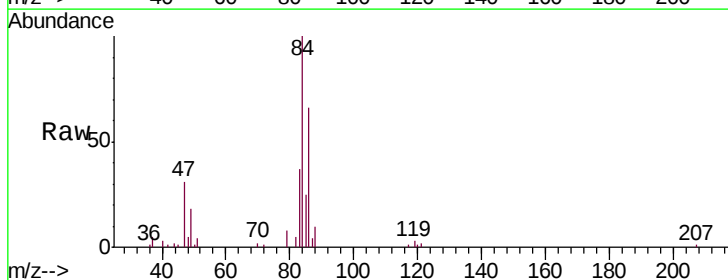
Instrument :
 MSVOA_W
 ClientSampled :
 VHBLK01

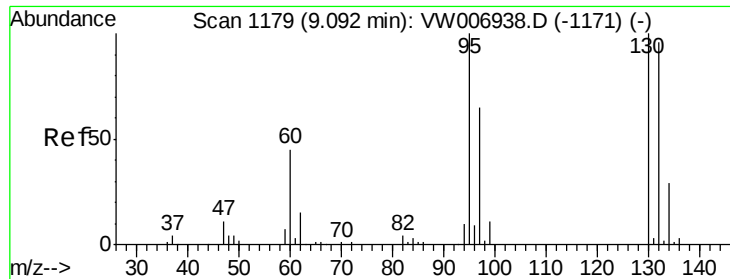
Tgt Ion: 43 Resp: 405
 Ion Ratio Lower Upper
 43 100
 72 0.0 13.5 40.5#



#25
 Chloroform
 Concen: 2.121 ug/L
 RT: 7.68 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: VW006944.D
 Acq: 19 Nov 2018 14:39

Tgt Ion: 83 Resp: 8450
 Ion Ratio Lower Upper
 83 100
 85 76.4 45.4 84.2





#35

Trichloroethene

Concen: 2.052 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW006944.D

Acq: 19 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampled :

VHBLK01

Tgt Ion: 95 Resp: 4914

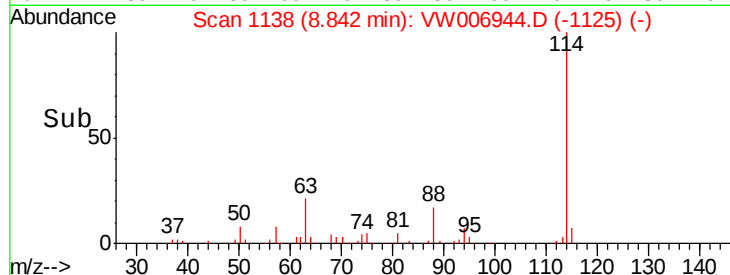
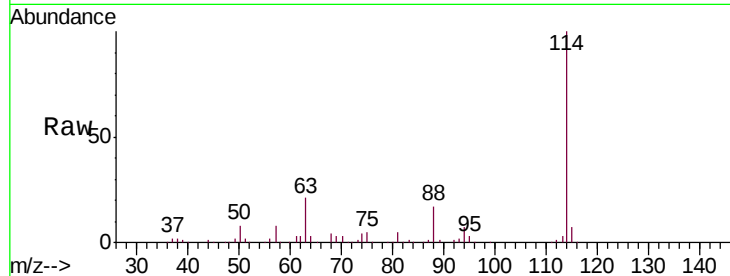
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.9#

132 0.0 65.7 121.9#

130 0.0 68.7 127.7#

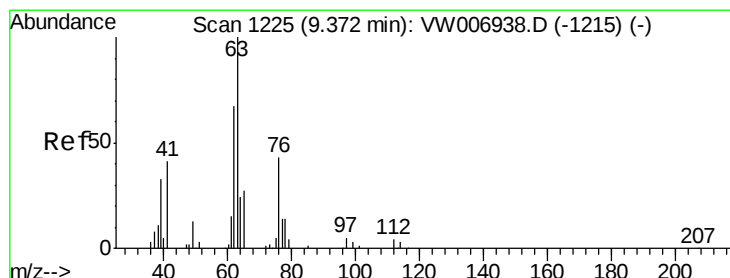
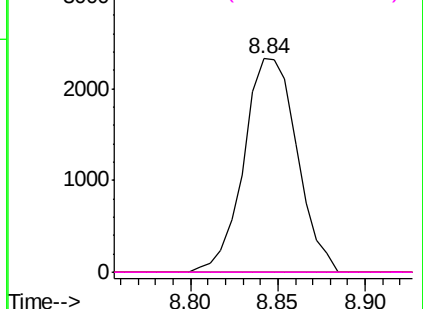


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 2.855 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW006944.D

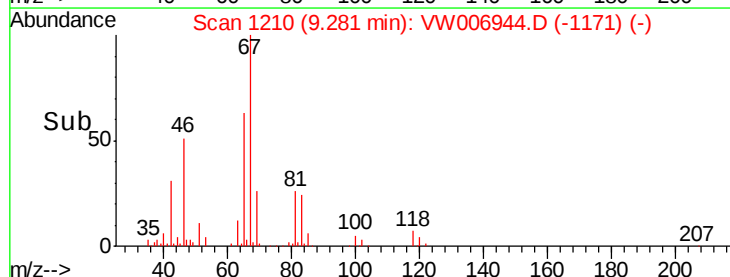
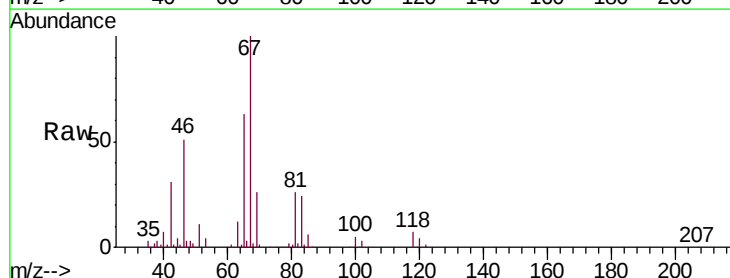
Acq: 19 Nov 2018 14:39

Tgt Ion: 63 Resp: 6183

Ion Ratio Lower Upper

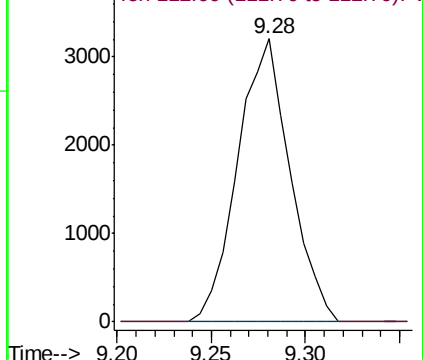
63 100

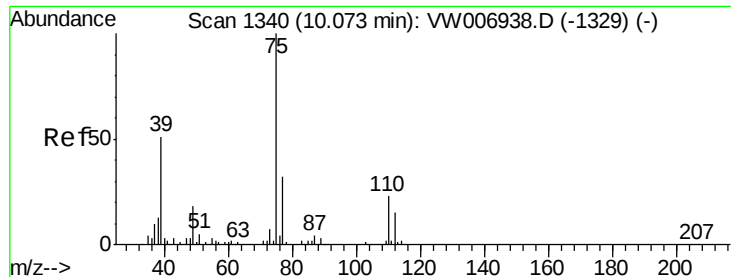
112 0.0 3.1 4.7#



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: 0.464 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006944.D

Acq: 19 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampled :

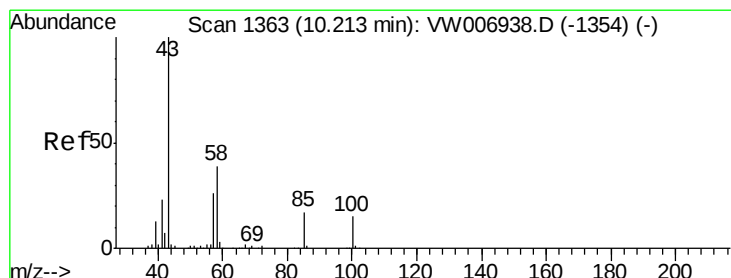
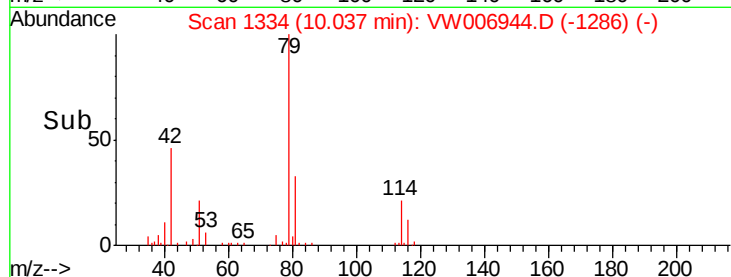
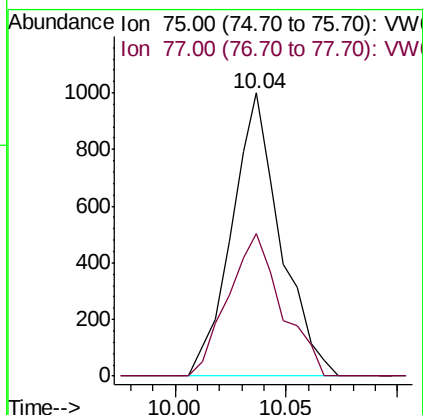
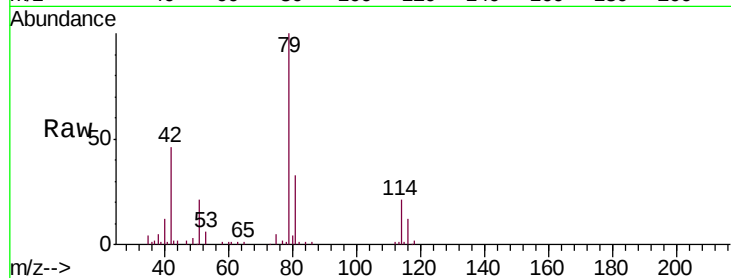
VHBLK01

Tgt Ion: 75 Resp: 1517

Ion Ratio Lower Upper

75 100

77 50.4 21.9 40.7#



#43

4-Methyl-2-pentanone

Concen: 0.636 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006944.D

Acq: 19 Nov 2018 14:39

Tgt Ion: 43 Resp: 1080

Ion Ratio Lower Upper

43 100

58 0.0 31.6 47.4#

100 8.3 12.3 18.5#

