

Data File : VW006919.D
Acq On : 16 Nov 2018 16:32
Operator : SY/AP
Sample : J5944-11
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Nov 16 23:54:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 23:51:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	194280	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	187898	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	91245	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	40282	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.40%
7) Chloroethane-d5	2.89	69	31911	25.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.84%
10) 1,1-Dichloroethene-d2	4.02	63	78824	17.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.44%
20) 2-Butanone-d5	7.09	46	32280	33.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.92%
24) Chloroform-d	7.65	84	103326	24.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.08%
26) 1,2-Dichloroethane-d4	8.31	65	63658	26.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.88%
29) Benzene-d6	8.28	84	222256	22.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.52%
33) 1,2-Dichloropropane-d6	9.28	67	68542	22.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.20%
37) Toluene-d8	10.33	98	227143	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.32%
38) trans-1,3-Dichloropropene-	10.58	79	29292	22.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.72%
39) 2-Hexanone-d5	10.93	63	26109	34.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	53059	20.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	81538	23.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.40%

Target Compounds

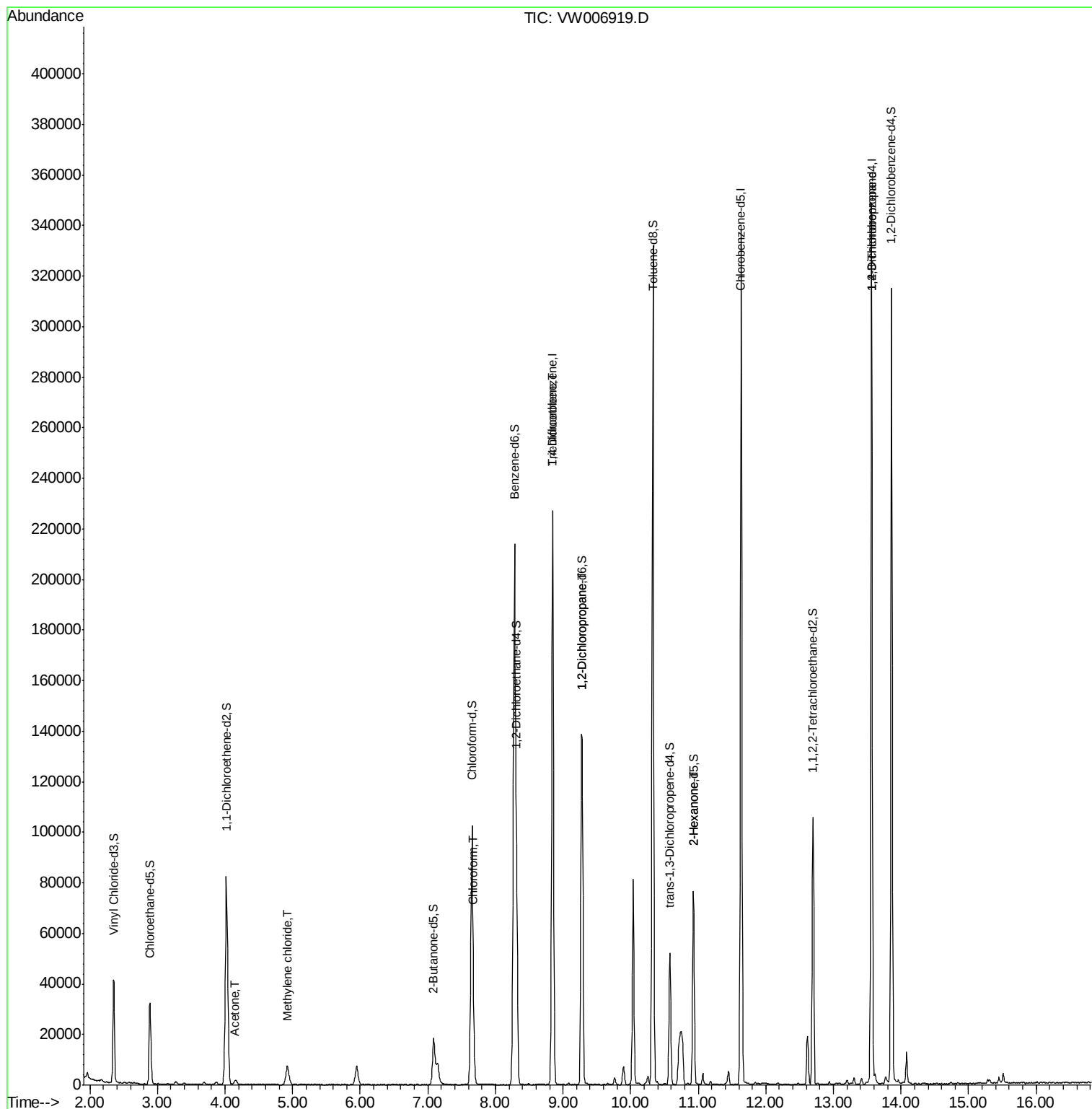
					Qvalue
13) Acetone	4.15	43	1940	3.168 ug/L	66
16) Methylene chloride	4.93	84	5744	1.691 ug/L	92
25) Chloroform	7.68	83	4968	1.039 ug/L	79
35) Trichloroethene	8.85	95	6118	2.138 ug/L #	6
40) 1,2-Dichloropropane	9.28	63	7555	2.918 ug/L #	88
49) 2-Hexanone	10.93	43	3330	2.217 ug/L #	58
59) 1,2,3-Trichloropropane	13.56	75	10811	5.520 ug/L	91

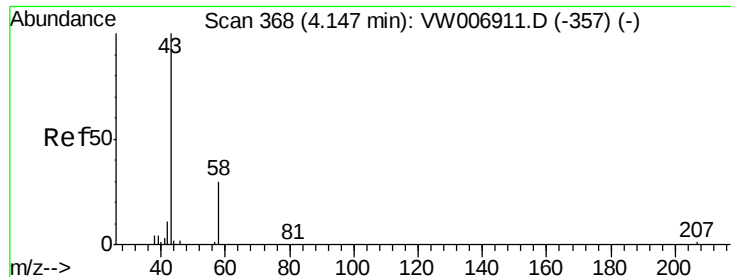
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.168 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

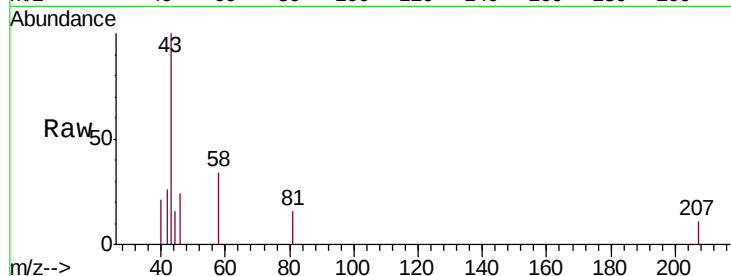
VHBLK01

Tgt Ion: 43 Resp: 1940

Ion Ratio Lower Upper

43 100

58 13.7 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

800

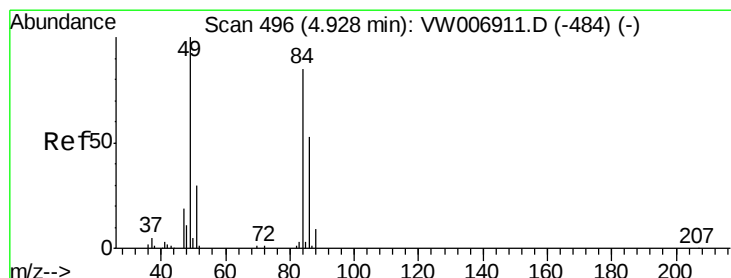
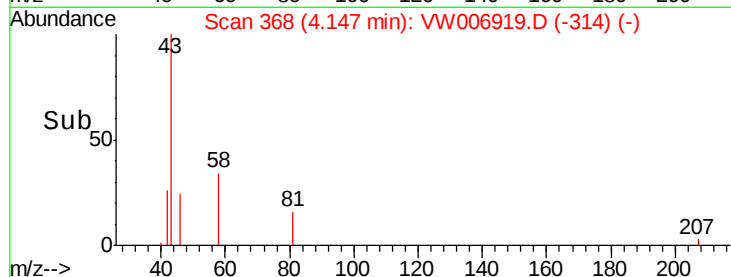
600

400

200

0

Time--> 4.05 4.10 4.15 4.20 4.25



#16

Methylene chloride

Concen: 1.691 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

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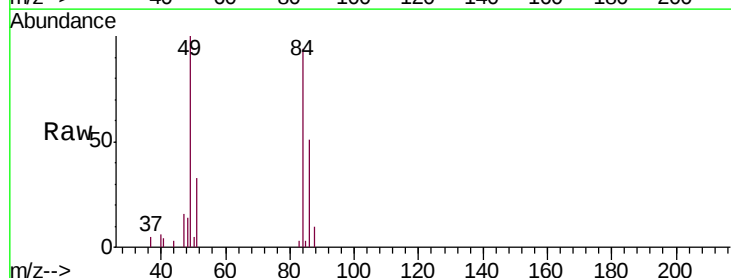
Tgt Ion: 84 Resp: 5744

Ion Ratio Lower Upper

84 100

49 106.3 79.3 147.3

86 54.7 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

4.93

3000

2500

2000

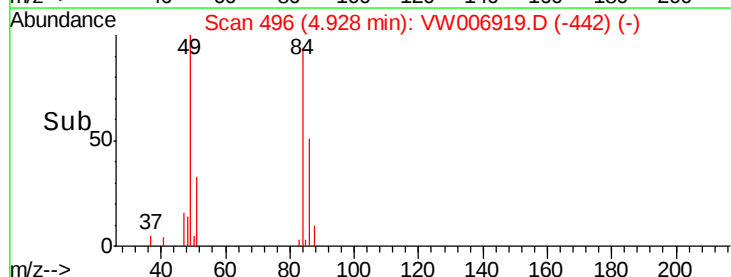
1500

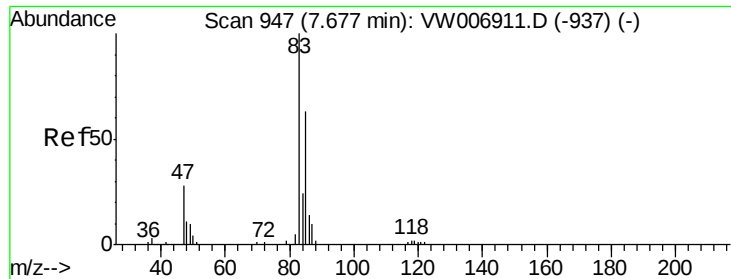
1000

500

0

Time--> 4.85 4.90 4.95 5.00





#25

Chloroform

Concen: 1.039 ug/L

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

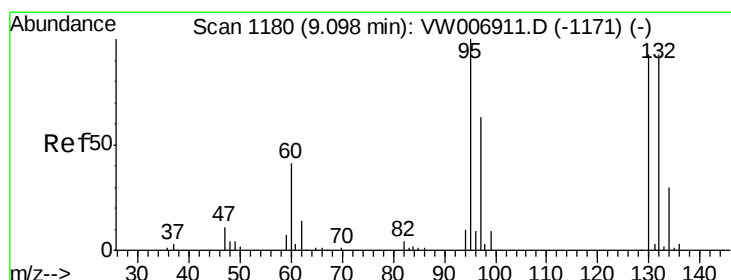
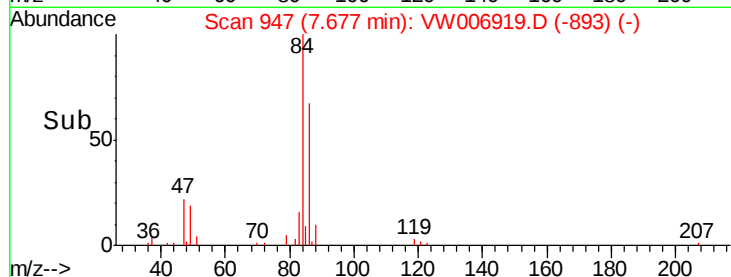
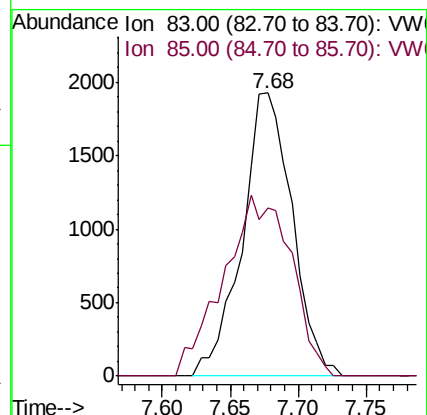
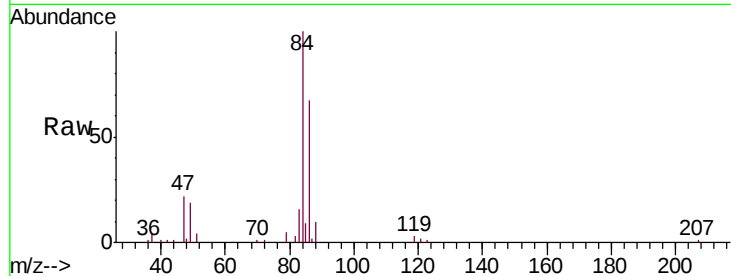
VHBLK01

Tgt Ion: 83 Resp: 4968

Ion Ratio Lower Upper

83 100

85 48.4 45.4 84.2



#35

Trichloroethene

Concen: 2.138 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW006919.D

Acq: 16 Nov 2018 16:32

Tgt Ion: 95 Resp: 6118

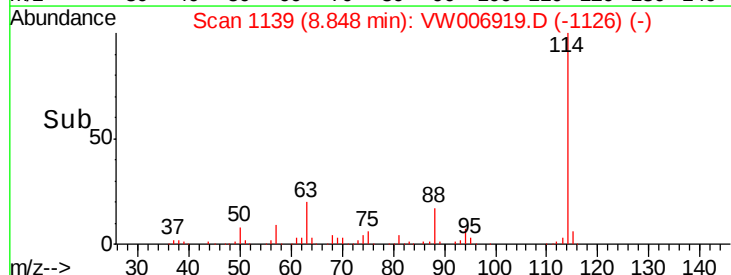
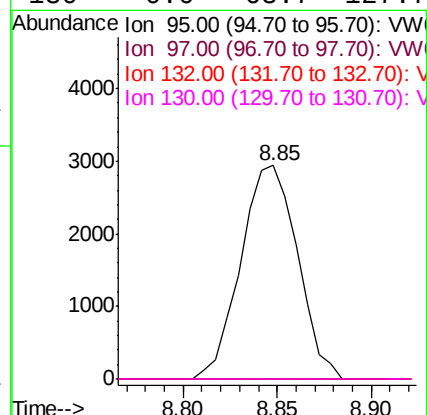
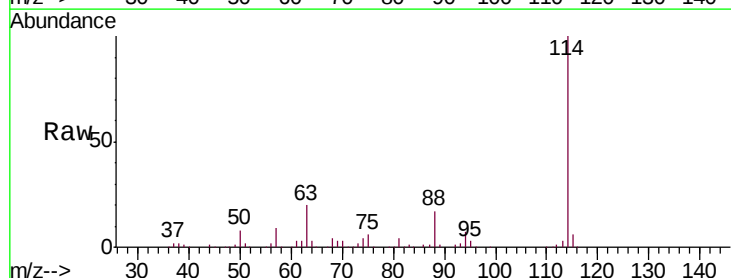
Ion Ratio Lower Upper

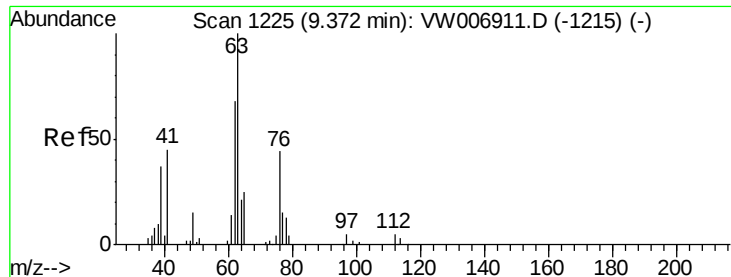
95 100

97 0.0 45.1 83.9#

132 0.0 65.7 121.9#

130 0.0 68.7 127.7#

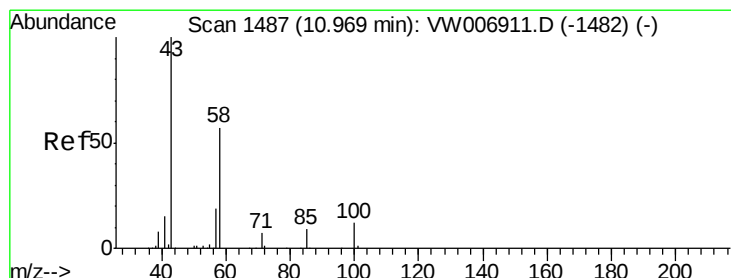
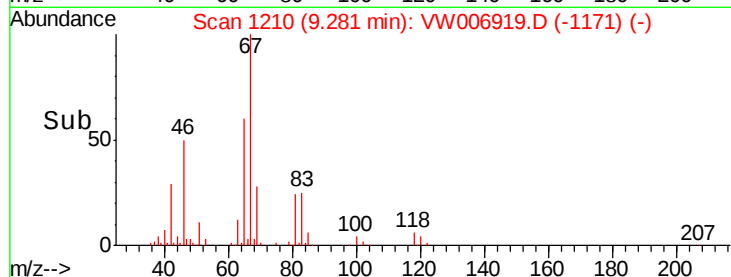
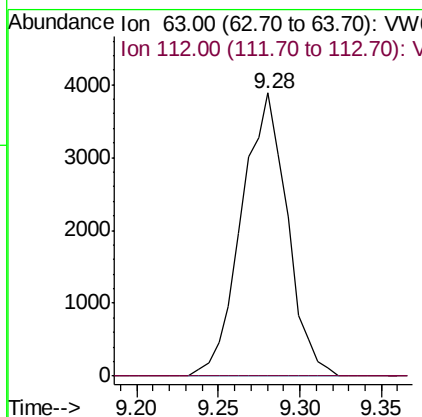
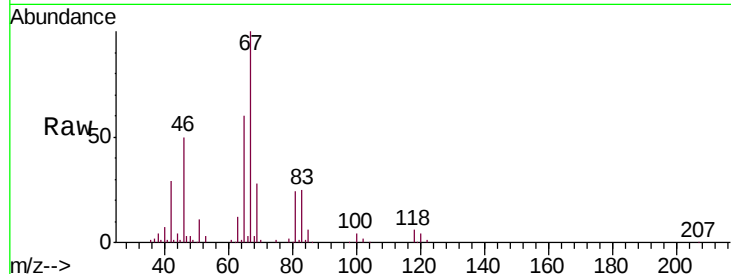




#40
 1,2-Dichloropropane
 Concen: 2.918 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW006919.D
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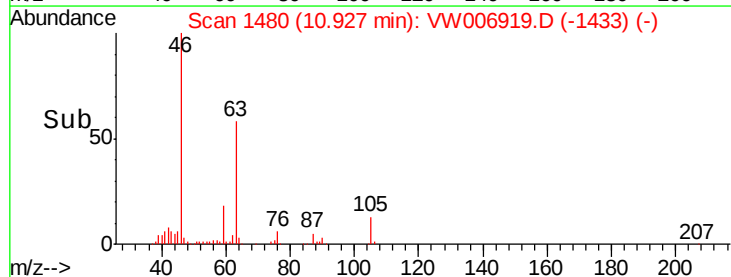
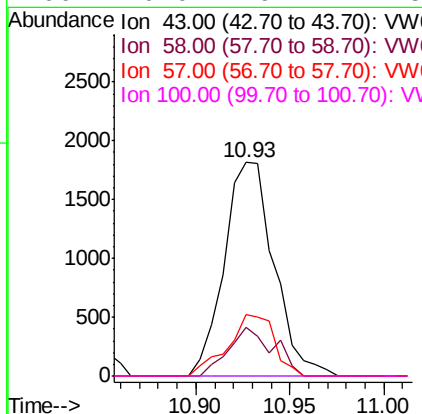
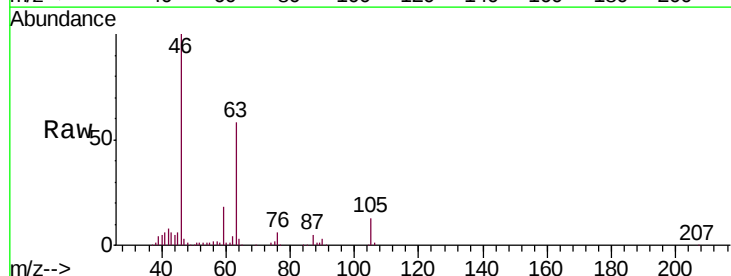
Instrument :
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 VHBLK01

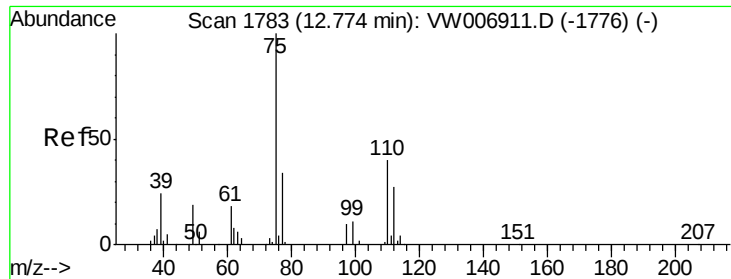
Tgt Ion: 63 Resp: 7555
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#49
 2-Hexanone
 Concen: 2.217 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW006919.D
 Acq: 16 Nov 2018 16:32

Tgt Ion: 43 Resp: 3330
 Ion Ratio Lower Upper
 43 100
 58 16.5 44.6 67.0#
 57 26.8 16.0 24.0#
 100 0.0 9.7 14.5#





#59

1,2,3-Trichloropropane

Concen: 5.520 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW006919.D

Acq: 16 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 10811

Ion Ratio Lower Upper

75 100

77 38.2 26.5 39.7

