

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102818\
 Data File : VW006419.D
 Acq On : 26 Oct 2018 21:05
 Operator : SY/AP
 Sample : VIBLK93
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK93

Quant Time: Oct 26 23:50:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 26 23:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	285090	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	267849	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	139695	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	95287	29.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.56%
7) Chloroethane-d5	2.90	69	81902	29.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.40%
10) 1,1-Dichloroethene-d2	4.01	63	129299	20.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.76%
20) 2-Butanone-d5	7.22	46	179	0.17	ug/L	0.13
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.34%#
24) Chloroform-d	7.65	84	161956	26.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.92%
26) 1,2-Dichloroethane-d4	8.31	65	96896	28.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.44%
29) Benzene-d6	8.28	84	344072	28.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.16%
33) 1,2-Dichloropropane-d6	9.28	67	96063	26.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.68%
37) Toluene-d8	10.33	98	338246	27.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.24%
38) trans-1,3-Dichloropropene-	10.58	79	40425	22.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.64%
39) 2-Hexanone-d5	10.93	63	52865	59.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102542	28.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	137719	28.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.04%

Target Compounds

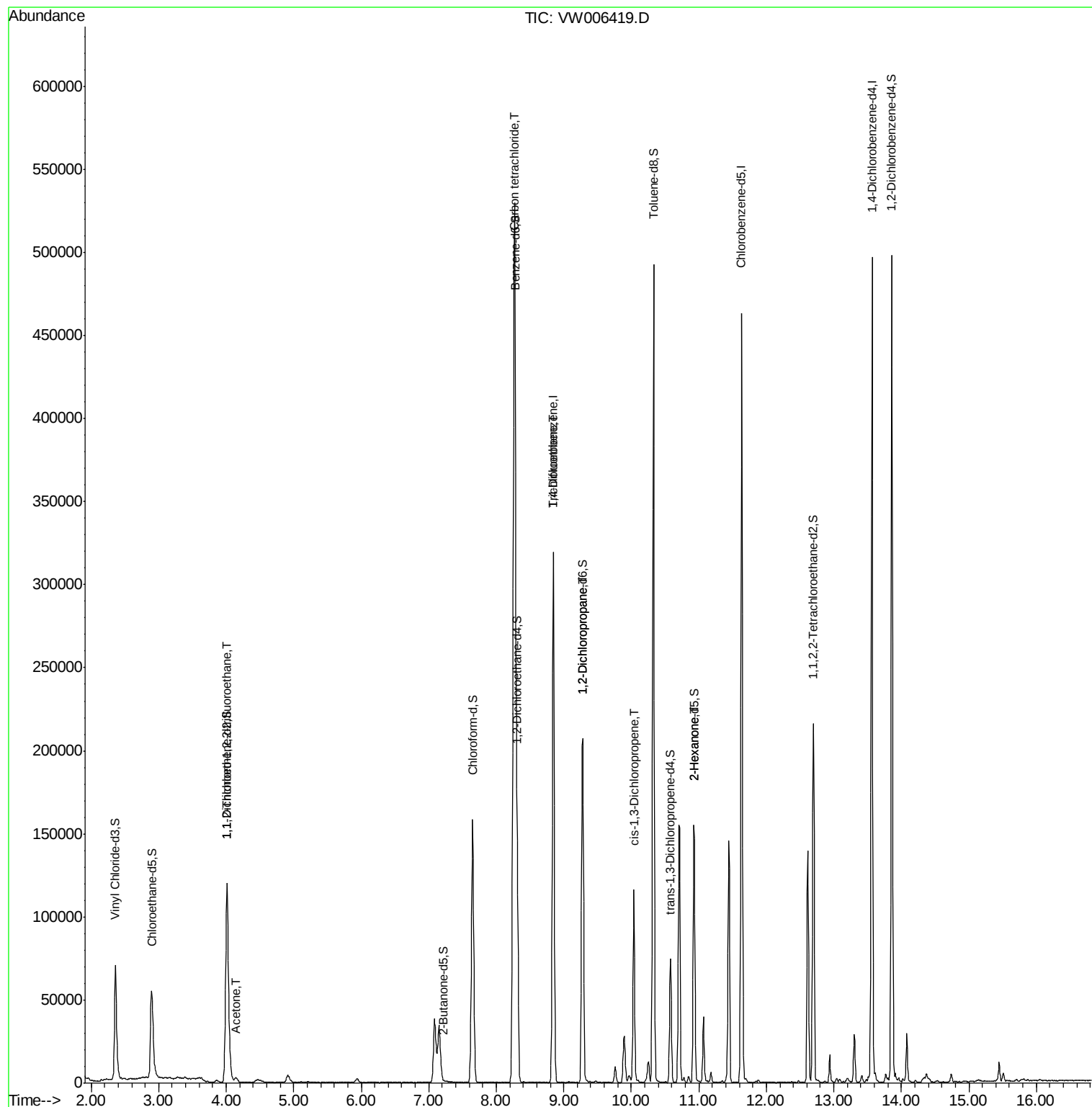
					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	1349	0.395 ug/L #	15
13) Acetone	4.14	43	1811	1.682 ug/L	93
32) Carbon tetrachloride	8.26	117	4349	0.791 ug/L #	30
35) Trichloroethene	8.85	95	8280	2.140 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	10868	3.186 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3037	0.545 ug/L #	59
49) 2-Hexanone	10.93	43	6173	3.064 ug/L #	68

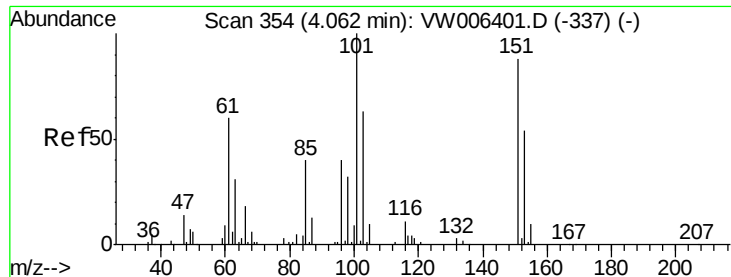
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Oct 26 23:43:44 2018
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.395 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.05 min

Lab File: VW006419.D

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Instrument :

MSVOA_W

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VIBLK93

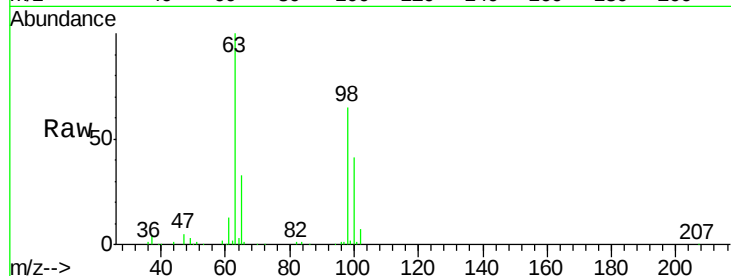
Tgt Ion: 101 Resp: 1349

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.2#

151 0.0 68.7 103.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V

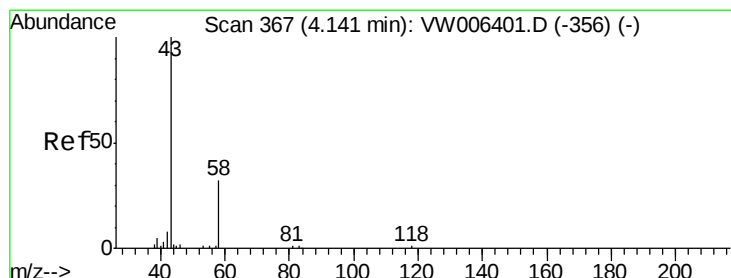
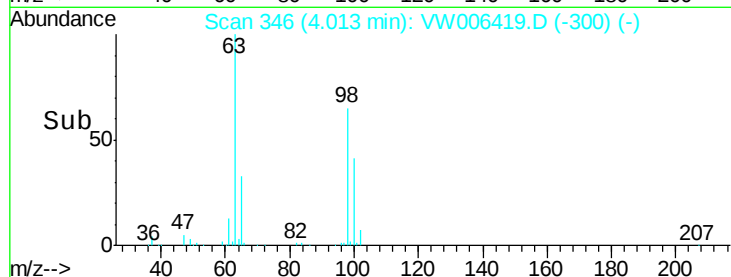
4.01

400

200

0

Time-->



#13

Acetone

Concen: 1.682 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW006419.D

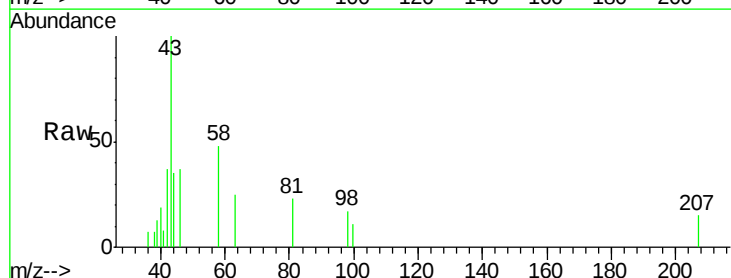
Acq: 26 Oct 2018 21:05

Tgt Ion: 43 Resp: 1811

Ion Ratio Lower Upper

43 100

58 34.4 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

800

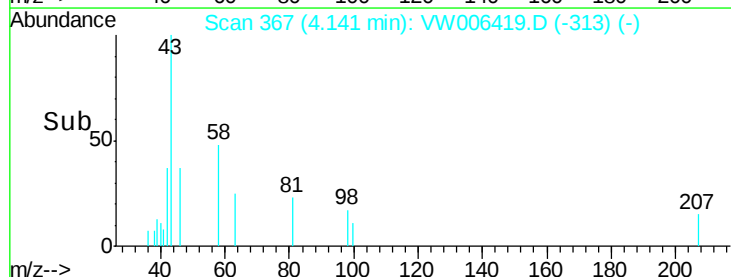
600

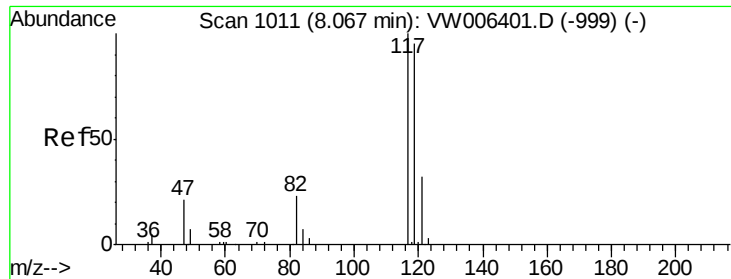
400

200

0

Time-->





#32

Carbon tetrachloride

Concen: 0.791 ug/L

RT: 8.26 min Scan# 1042

Delta R.T. 0.19 min

Lab File: VW006419.D

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ClientSampleId :

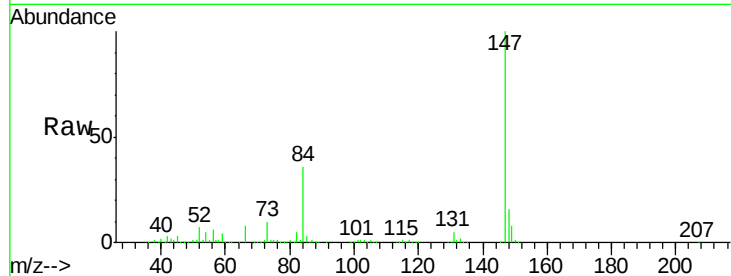
VIBLK93

Tgt Ion: 117 Resp: 4349

Ion Ratio Lower Upper

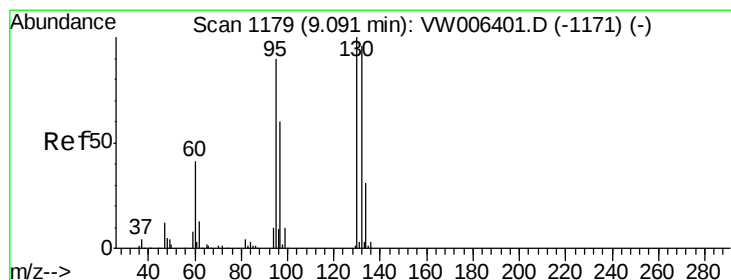
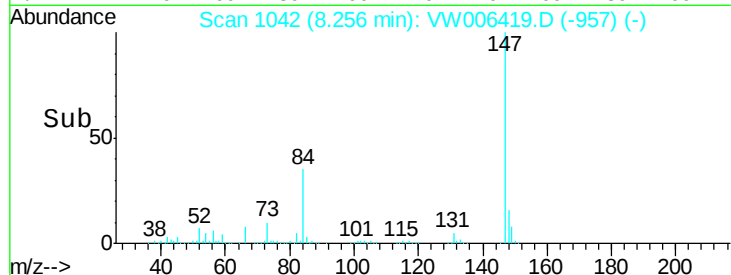
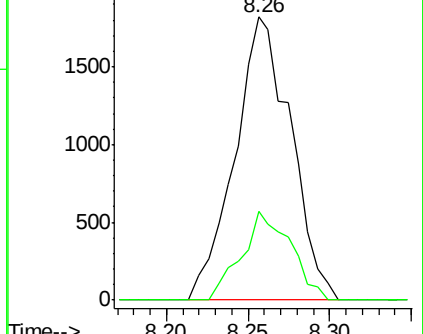
117 100

119 27.4 76.9 115.3#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#35

Trichloroethene

Concen: 2.140 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW006419.D

Acq: 26 Oct 2018 21:05

Tgt Ion: 95 Resp: 8280

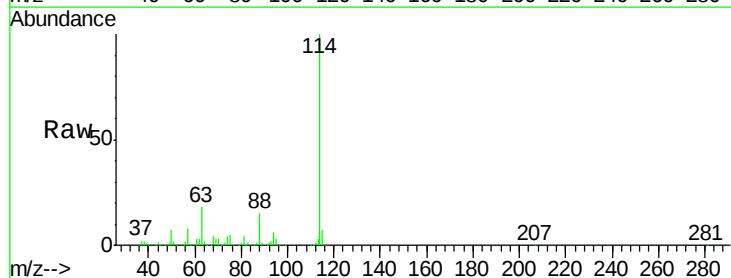
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#

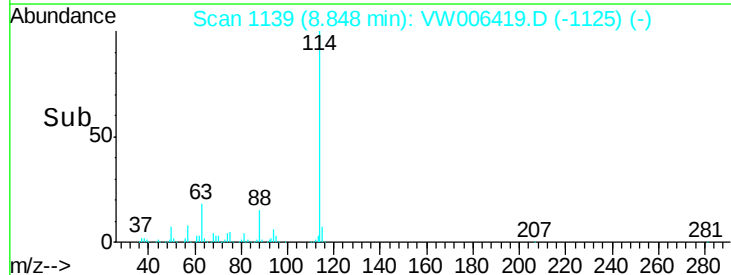
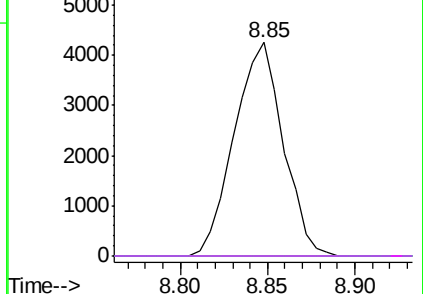


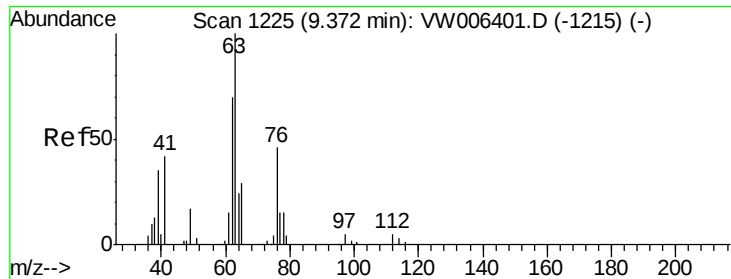
Abundance Ion 95.00 (94.70 to 95.70): VW

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

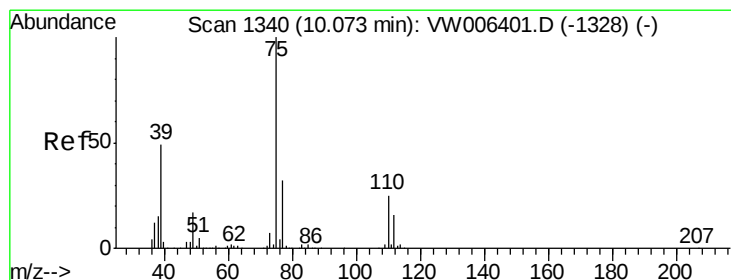
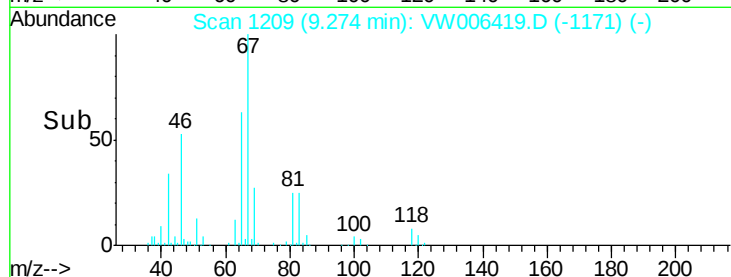
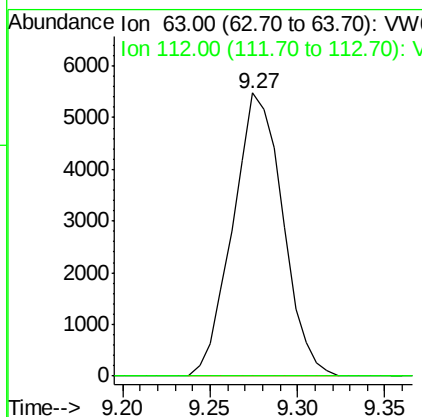
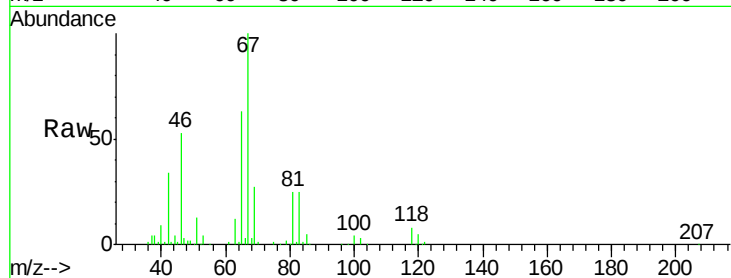




#40
 1,2-Dichloropropane
 Concen: 3.186 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW006419.D
 Acq: 26 Oct 2018 21:05

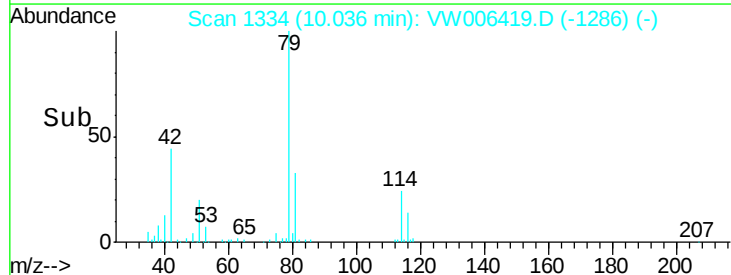
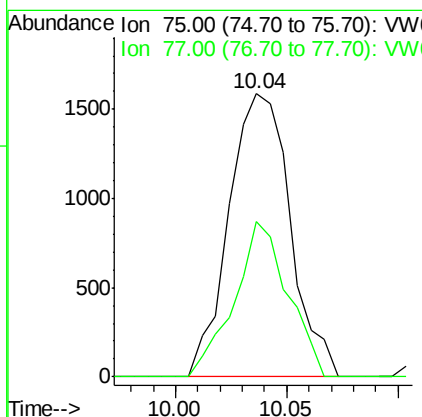
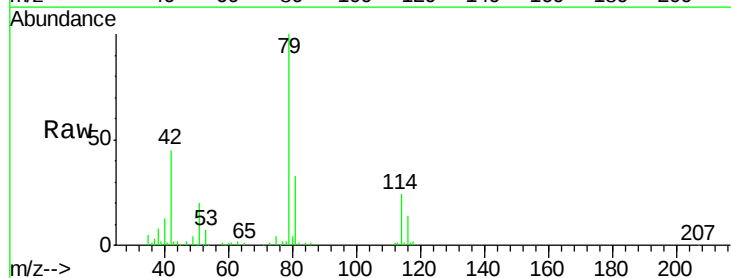
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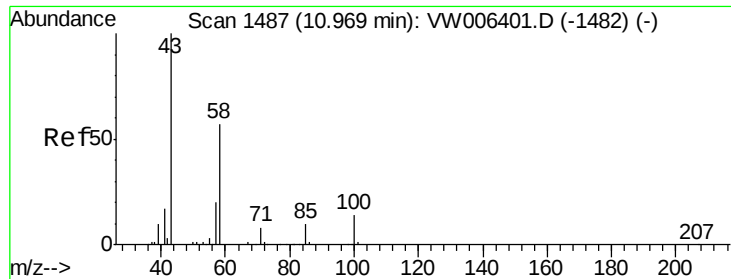
Tgt Ion: 63 Resp: 10868
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#42
 cis-1,3-Dichloropropene
 Concen: 0.545 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW006419.D
 Acq: 26 Oct 2018 21:05

Tgt Ion: 75 Resp: 3037
 Ion Ratio Lower Upper
 75 100
 77 55.0 22.6 42.0#





#49

2-Hexanone

Concen: 3.064 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW006419.D

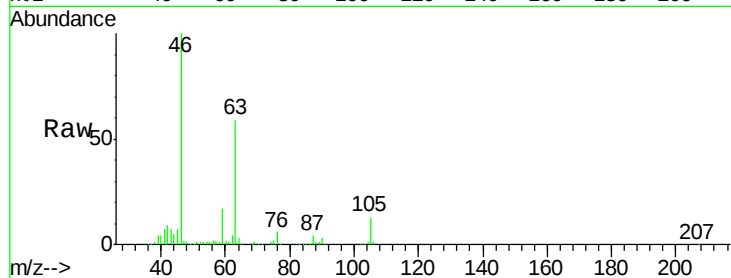
Acq: 26 Oct 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

VIBLK93



Tgt Ion:	43	Resp:	6173
Ion	Ratio	Lower	Upper
43	100		
58	26.3	42.1	63.1#
57	26.3	15.1	22.7#
100	0.0	9.9	14.9#

