

Data File : VW007437.D
Acq On : 12 Dec 2018 12:51
Operator : SY/AP
Sample : J6297-14
Misc : 6.85G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9E47

Quant Time: Dec 13 00:43:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 13 00:38:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	103245	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	95883	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	47767	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	17493	26.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.04%
7) Chloroethane-d5	2.90	69	13253	23.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.08%
10) 1,1-Dichloroethene-d2	4.01	63	44736	19.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.16%
20) 2-Butanone-d5	7.08	46	21232	50.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.18%
24) Chloroform-d	7.65	84	63142	25.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.72%
26) 1,2-Dichloroethane-d4	8.31	65	39523	28.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.04%
29) Benzene-d6	8.27	84	123207	23.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.64%
33) 1,2-Dichloropropane-d6	9.27	67	36638	24.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.60%
37) Toluene-d8	10.32	98	117559	24.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.32%
38) trans-1,3-Dichloropropene-	10.58	79	19232	25.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.24%
39) 2-Hexanone-d5	10.93	63	16941	47.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	35708	26.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	45160	26.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.48%

Target Compounds

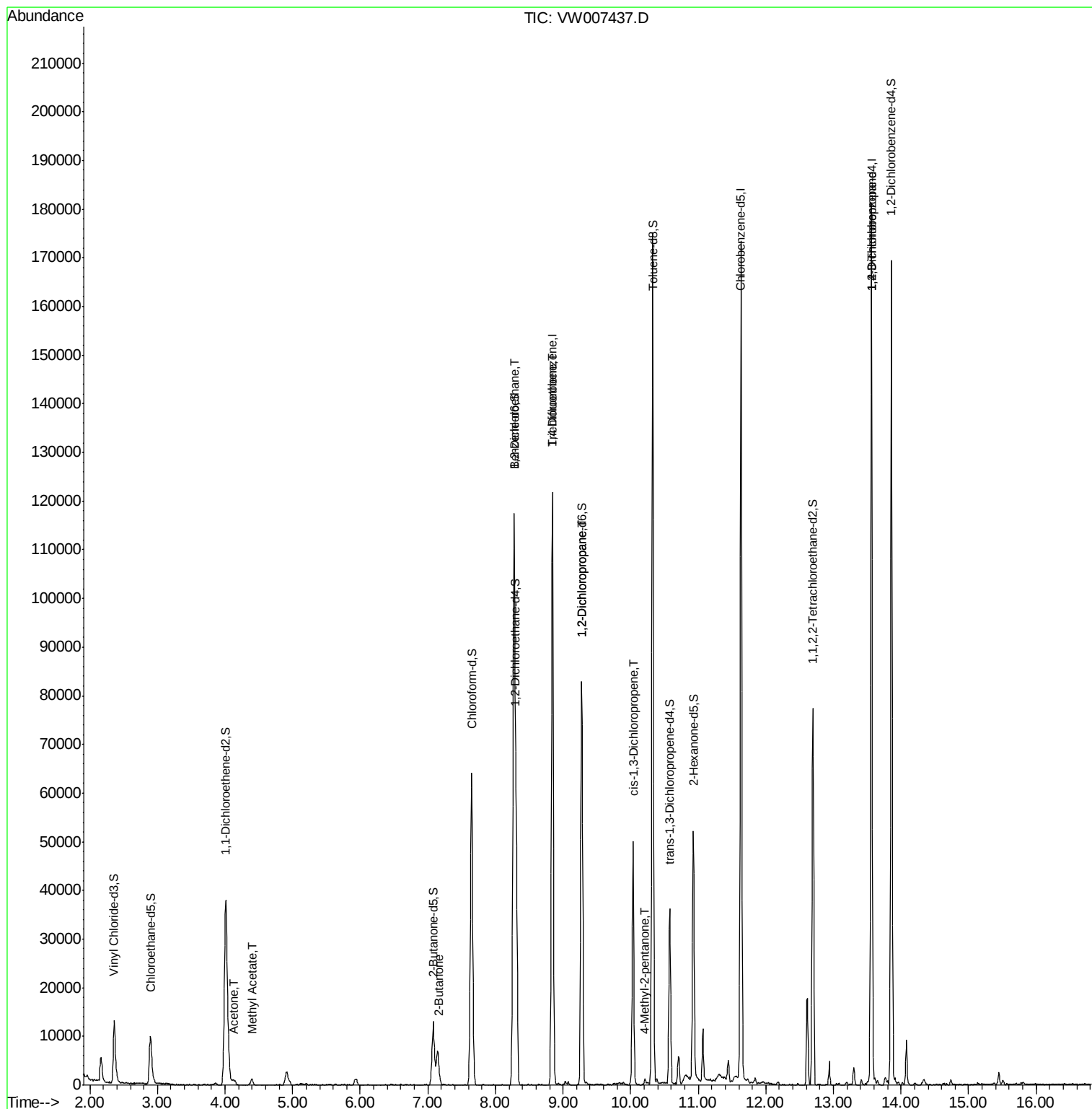
					Qvalue
13) Acetone	4.12	43	1217	2.469 ug/L	92
15) Methyl Acetate	4.39	43	429	0.580 ug/L #	100
21) 2-Butanone	7.17	43	340	0.642 ug/L #	45
27) 1,2-Dichloroethane	8.27	62	800	0.466 ug/L #	76
35) Trichloroethene	8.84	95	3209	2.036 ug/L #	4
40) 1,2-Dichloropropane	9.27	63	4517	3.360 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1386	0.614 ug/L #	76
43) 4-Methyl-2-pentanone	10.22	43	678	0.637 ug/L #	90
59) 1,2,3-Trichloropropane	13.56	75	5245	4.828 ug/L	91

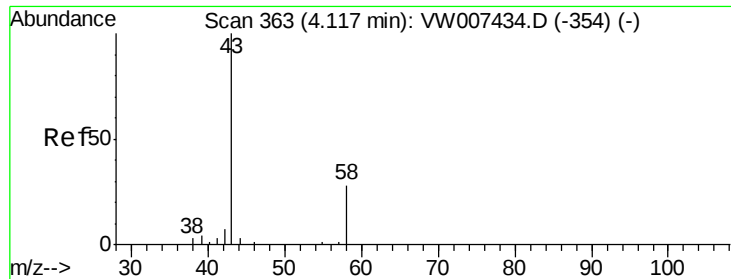
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW007437.D
Acq On : 12 Dec 2018 12:51
Operator : SY/AP
Sample : J6297-14
Misc : 6.85G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9E47

Quant Time: Dec 13 00:43:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 13 00:38:14 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.469 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007437.D

Acq: 12 Dec 2018 12:51

Instrument :

MSVOA_W

ClientSampleId :

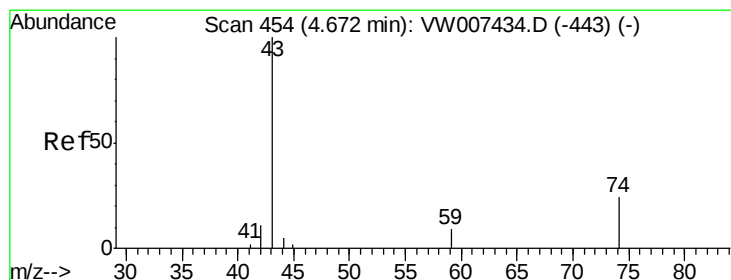
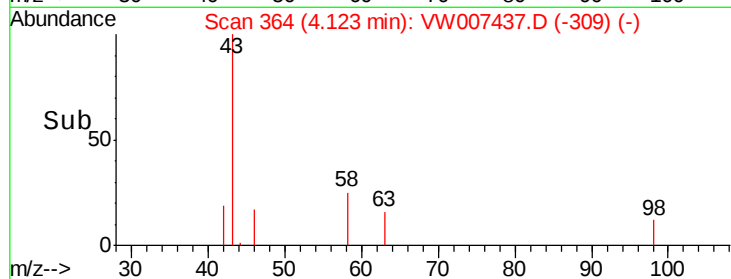
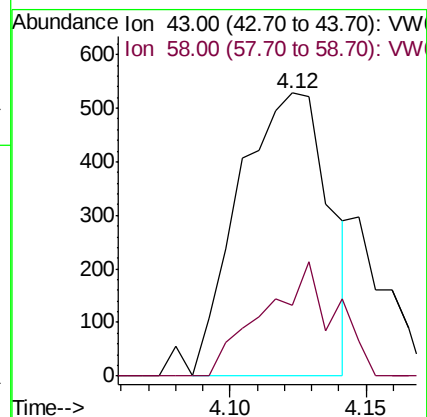
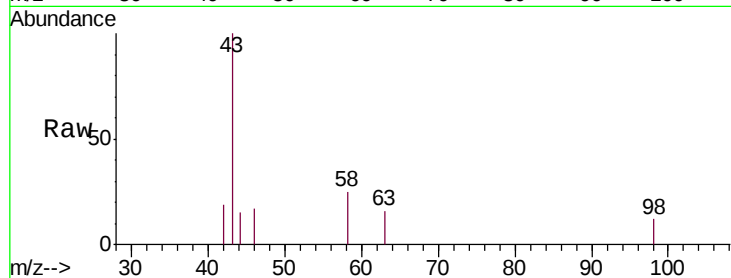
F9E47

Tgt Ion: 43 Resp: 1217

Ion Ratio Lower Upper

43 100

58 25.1 0.0 59.2



#15

Methyl Acetate

Concen: 0.580 ug/L

RT: 4.39 min Scan# 408

Delta R.T. -0.28 min

Lab File: VW007437.D

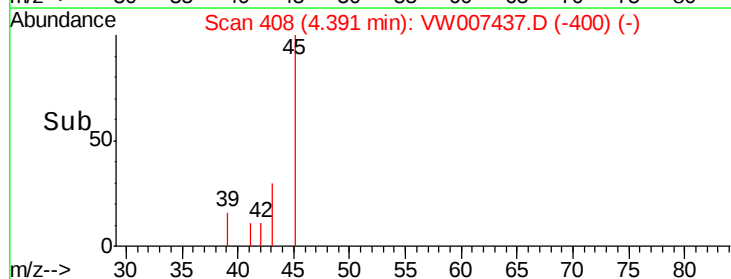
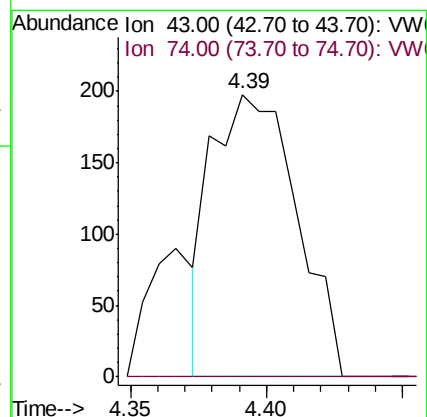
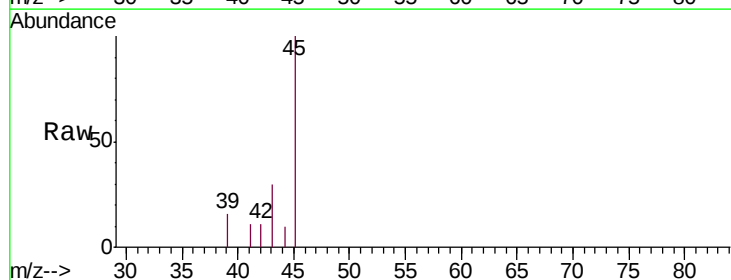
Acq: 12 Dec 2018 12:51

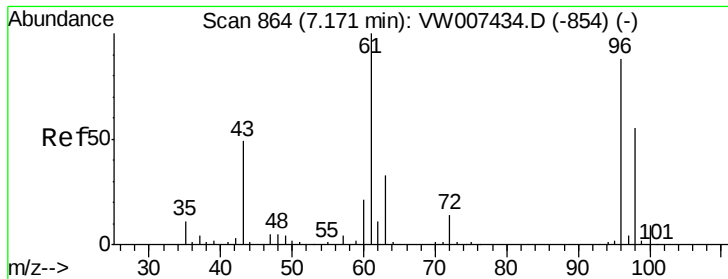
Tgt Ion: 43 Resp: 429

Ion Ratio Lower Upper

43 100

74 0.0 0.1 0.1#





#21

2-Butanone

Concen: 0.642 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW007437.D

Acq: 12 Dec 2018 12:51

Instrument :

MSVOA_W

ClientSampleId :

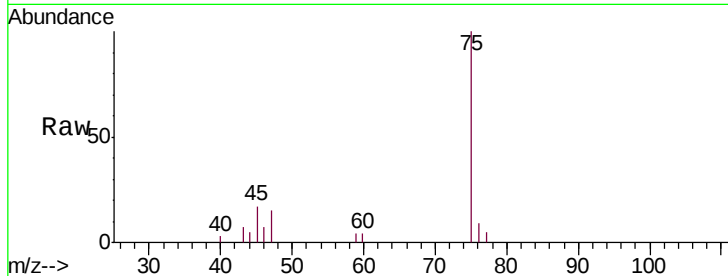
F9E47

Tgt Ion: 43 Resp: 340

Ion Ratio Lower Upper

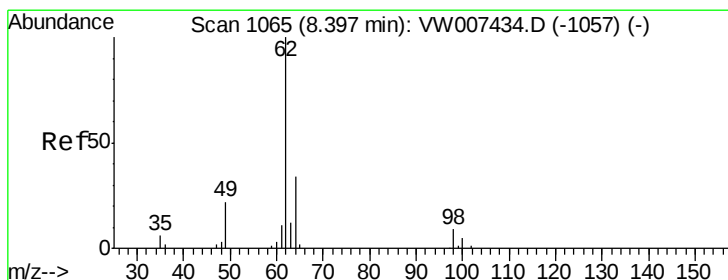
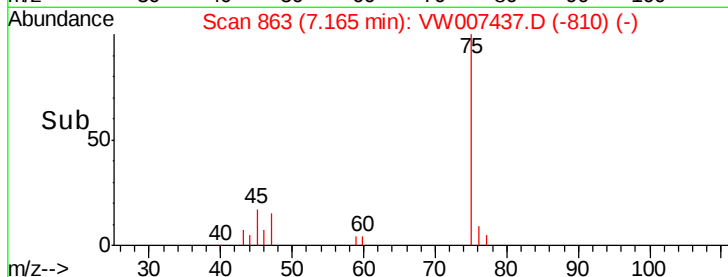
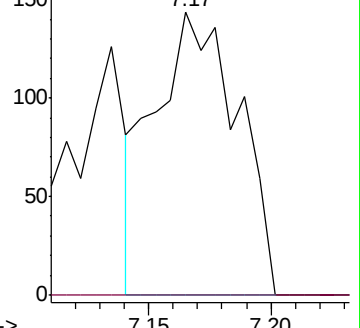
43 100

72 0.0 14.7 44.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#27

1,2-Dichloroethane

Concen: 0.466 ug/L

RT: 8.27 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW007437.D

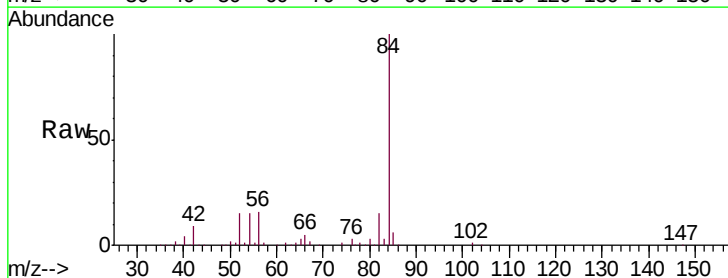
Acq: 12 Dec 2018 12:51

Tgt Ion: 62 Resp: 800

Ion Ratio Lower Upper

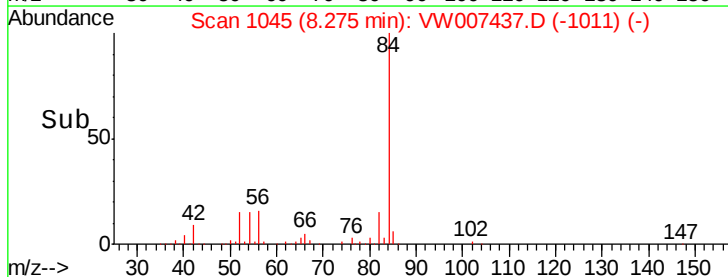
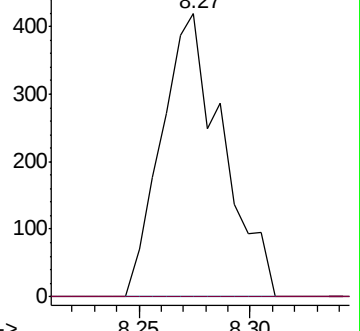
62 100

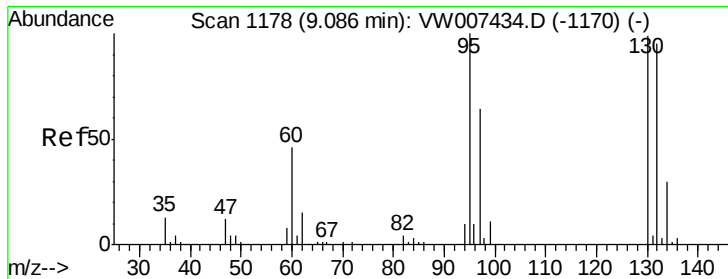
98 0.0 6.9 10.3#



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 2.036 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW007437.D

Acq: 12 Dec 2018 12:51

Instrument :

MSVOA_W

ClientSampled :

F9E47

Tgt Ion: 95 Resp: 3209

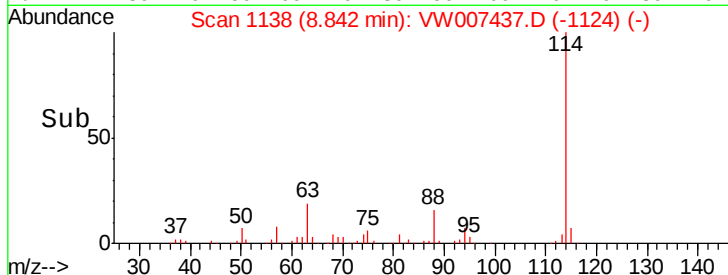
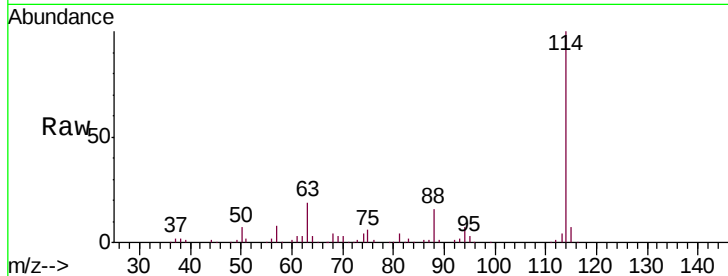
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

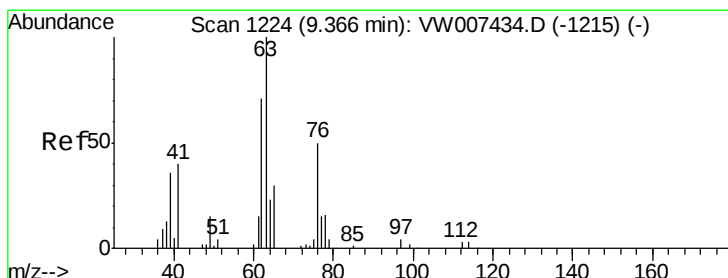
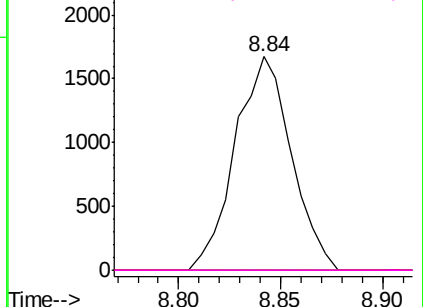


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.360 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW007437.D

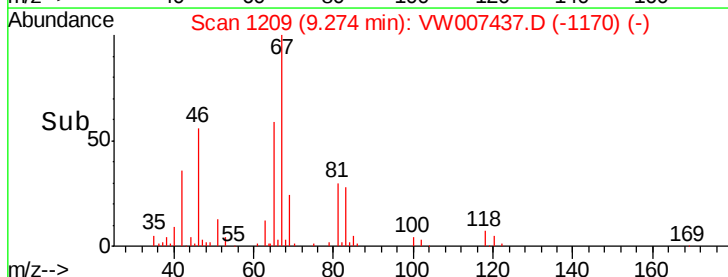
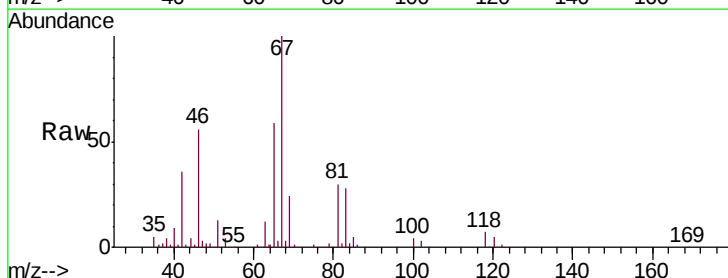
Acq: 12 Dec 2018 12:51

Tgt Ion: 63 Resp: 4517

Ion Ratio Lower Upper

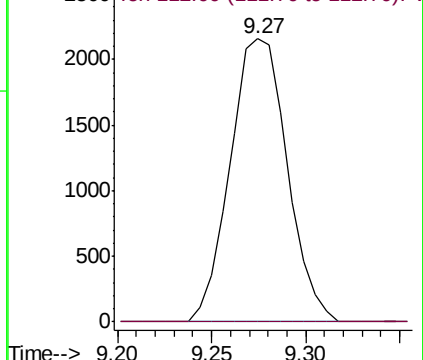
63 100

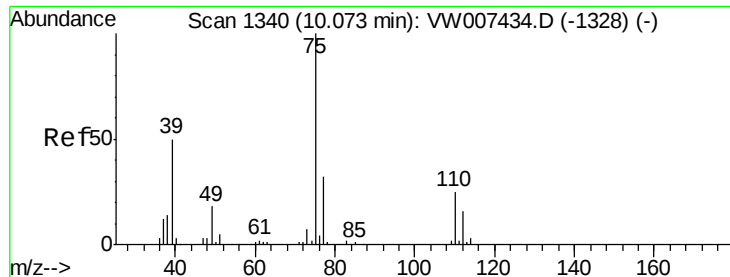
112 0.0 3.6 5.4#



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: 0.614 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW007437.D

Acq: 12 Dec 2018 12:51

Instrument :

MSVOA_W

ClientSampleId :

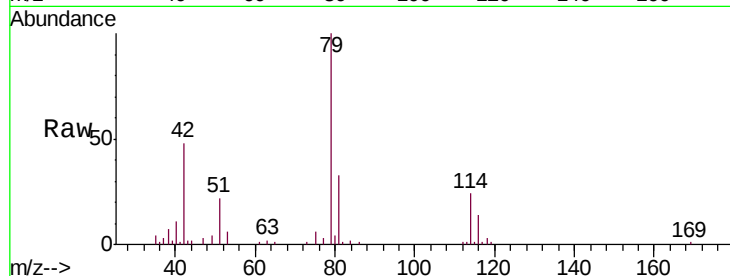
F9E47

Tgt Ion: 75 Resp: 1386

Ion Ratio Lower Upper

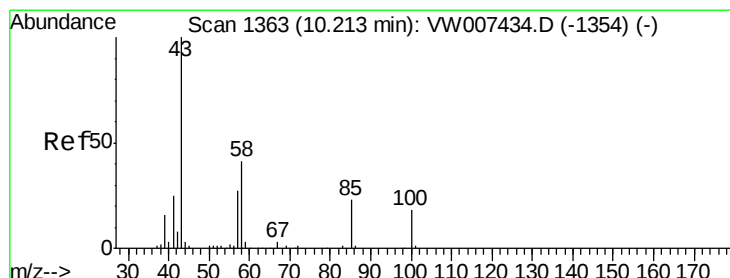
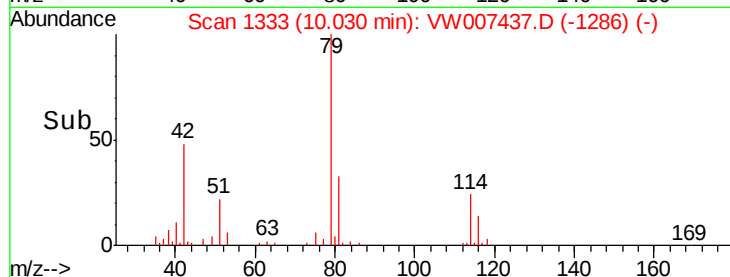
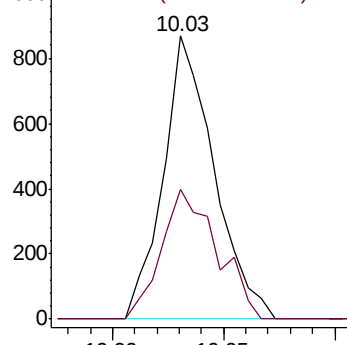
75 100

77 46.1 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#43

4-Methyl-2-pentanone

Concen: 0.637 ug/L

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW007437.D

Acq: 12 Dec 2018 12:51

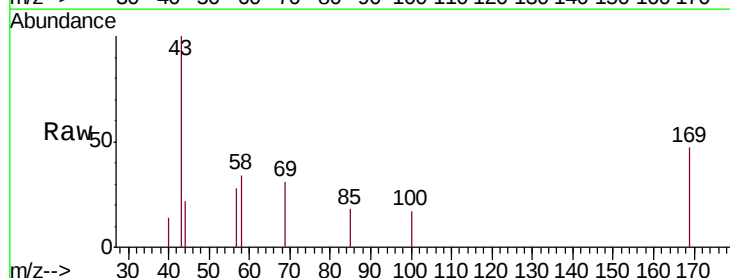
Tgt Ion: 43 Resp: 678

Ion Ratio Lower Upper

43 100

58 40.1 32.6 48.8

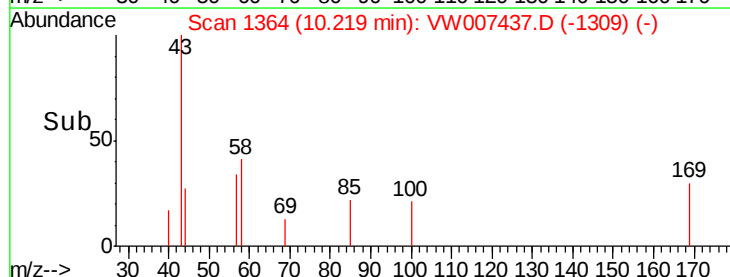
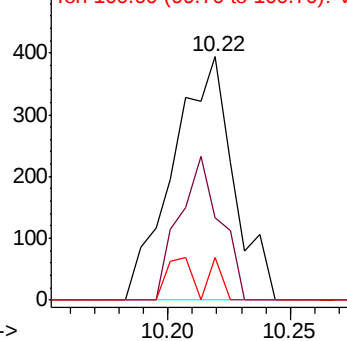
100 3.7 13.8 20.8#

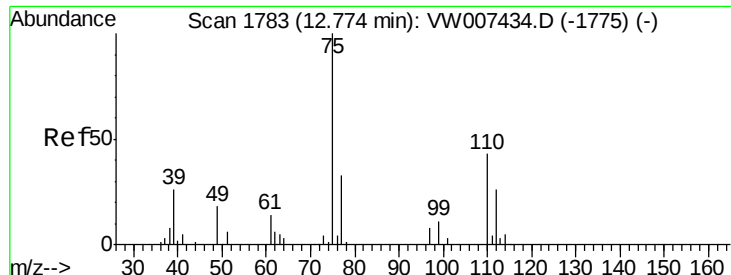


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW





#59

1,2,3-Trichloropropane

Concen: 4.828 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW007437.D

Acq: 12 Dec 2018 12:51

Instrument :

MSVOA_W

ClientSampleId :

F9E47

Tgt Ion: 75 Resp: 5245

Ion Ratio Lower Upper

75 100

77 38.3 26.5 39.7

