

Data File : VW007438.D
Acq On : 12 Dec 2018 13:17
Operator : SY/AP
Sample : J6271-15
Misc : 5.93G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9E30RE

Quant Time: Dec 13 00:43:32 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	54390	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	48751	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	21134	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	9910	27.97	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.88%
7) Chloroethane-d5	2.89	69	7534	25.11	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.44%
10) 1,1-Dichloroethene-d2	4.00	63	25230	20.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.60%
20) 2-Butanone-d5	7.07	46	7183	32.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.34%
24) Chloroform-d	7.65	84	34427	26.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.36%
26) 1,2-Dichloroethane-d4	8.31	65	19655	26.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.68%
29) Benzene-d6	8.27	84	68111	25.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.88%
33) 1,2-Dichloropropane-d6	9.27	67	19518	25.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.32%
37) Toluene-d8	10.32	98	64149	25.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.36%
38) trans-1,3-Dichloropropene-	10.58	79	9165	23.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.92%
39) 2-Hexanone-d5	10.93	63	6015	33.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	15124	21.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	20789	27.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.84%

Target Compounds

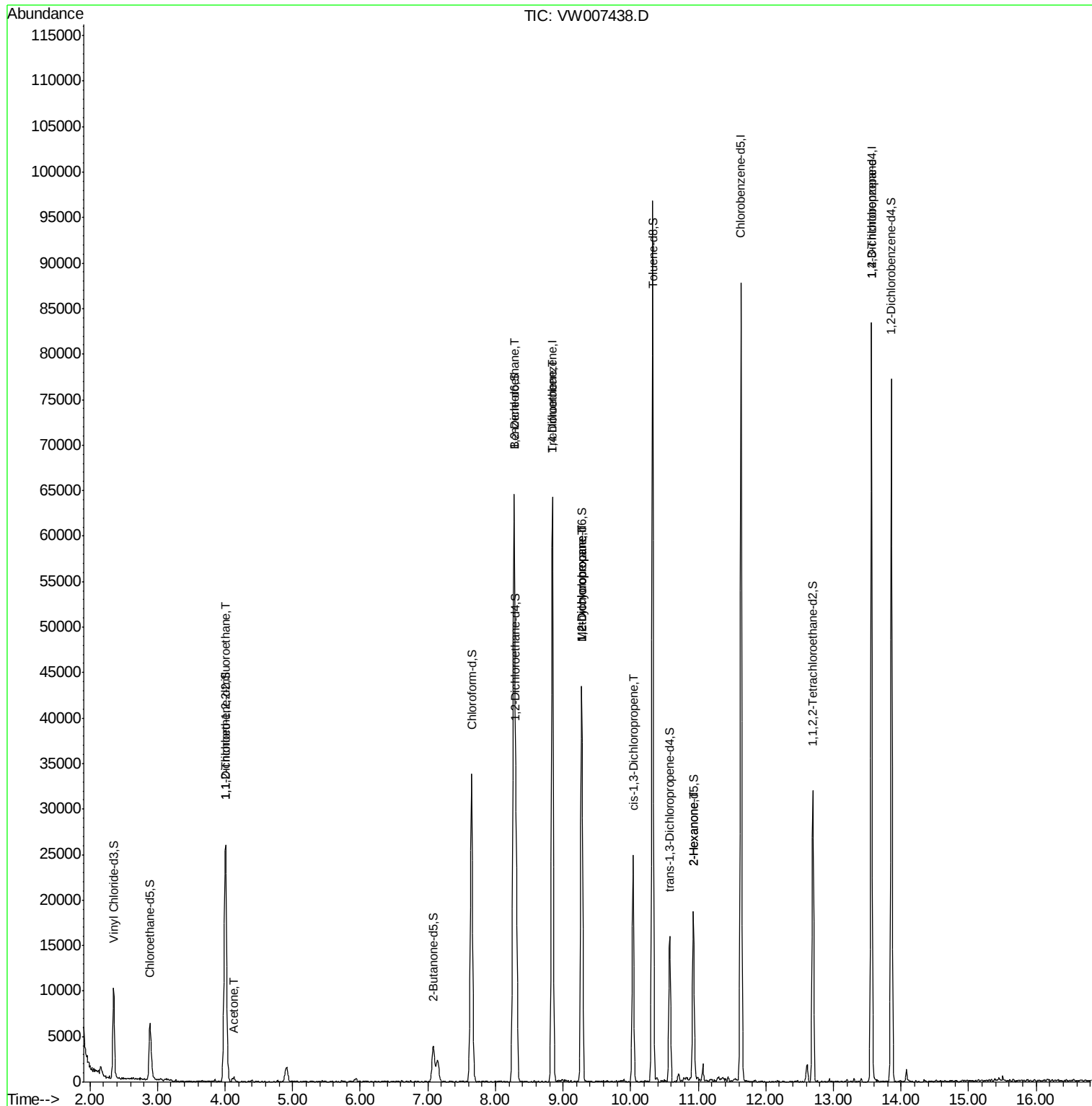
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	237	0.345	ug/L #	17
13) Acetone	4.12	43	434	1.671	ug/L	100
27) 1,2-Dichloroethane	8.27	62	421	0.466	ug/L #	76
35) Trichloroethene	8.85	95	1729	2.158	ug/L #	4
36) Methylcyclohexane	9.27	83	5256	3.800	ug/L #	19
40) 1,2-Dichloropropane	9.27	63	2474	3.619	ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	676	0.589	ug/L #	77
49) 2-Hexanone	10.93	43	1081	2.843	ug/L #	48
59) 1,2,3-Trichloropropane	13.56	75	2297	4.159	ug/L #	84

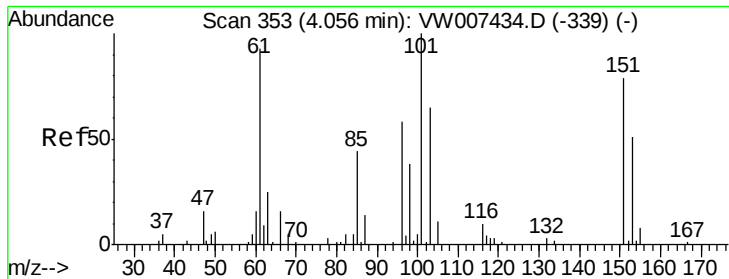
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

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

Concen: 0.345 ug/L

RT: 4.01 min Scan# 345

Delta R.T. -0.05 min

Lab File: VW007438.D

Acq: 12 Dec 2018 13:17

Instrument :

MSVOA_W

ClientSampled :

F9E30RE

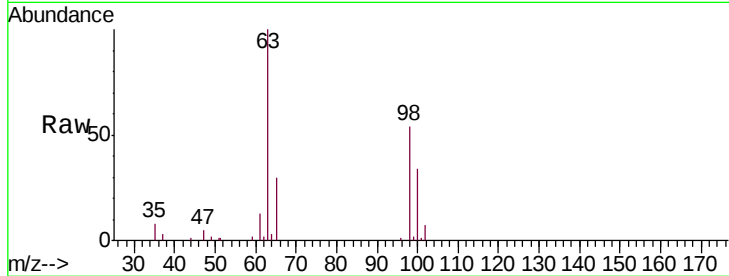
Tgt Ion: 101 Resp: 237

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

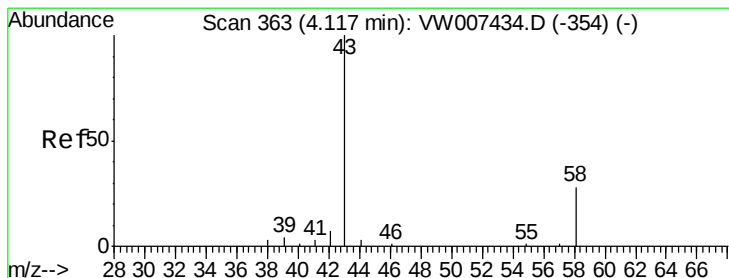
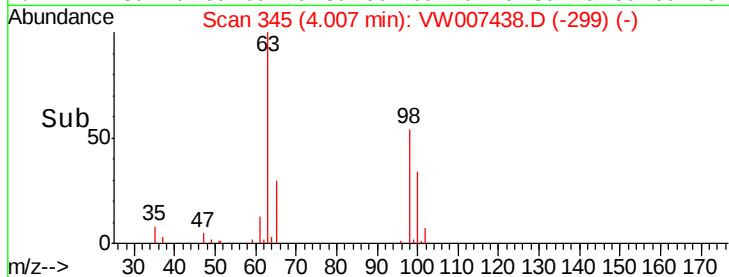
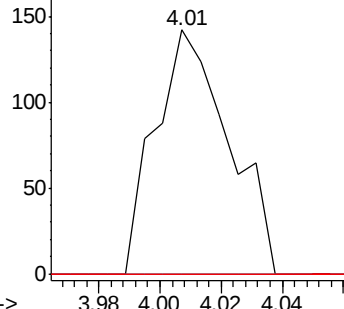
151 0.0 64.8 97.2#



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



#13

Acetone

Concen: 1.671 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007438.D

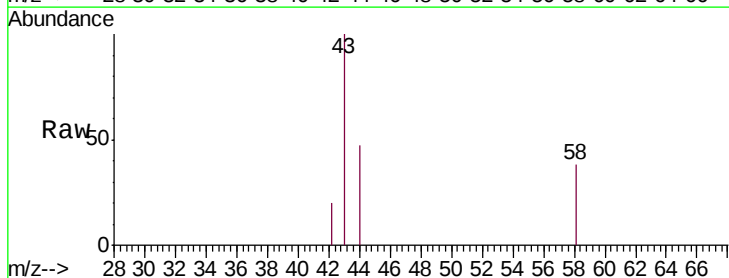
Acq: 12 Dec 2018 13:17

Tgt Ion: 43 Resp: 434

Ion Ratio Lower Upper

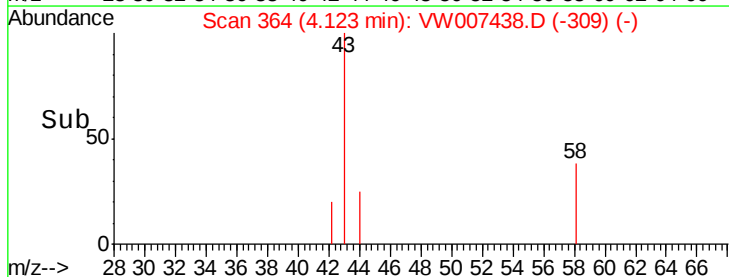
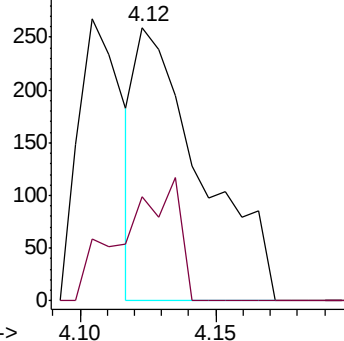
43 100

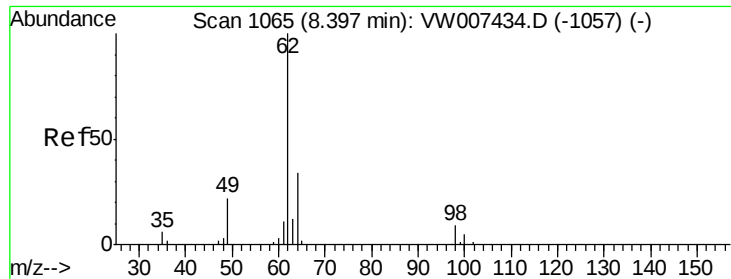
58 29.5 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#27

1,2-Dichloroethane

Concen: 0.466 ug/L

RT: 8.27 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW007438.D

Acq: 12 Dec 2018 13:17

Instrument :

MSVOA_W

ClientSampleId :

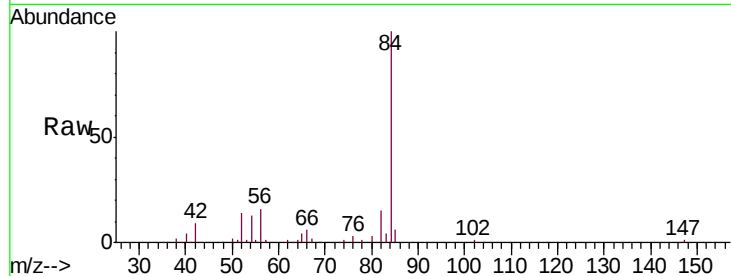
F9E30RE

Tgt Ion: 62 Resp: 421

Ion Ratio Lower Upper

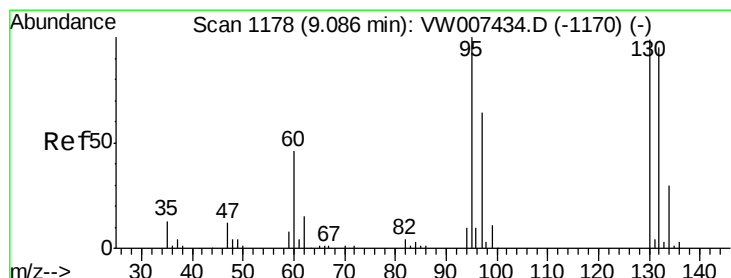
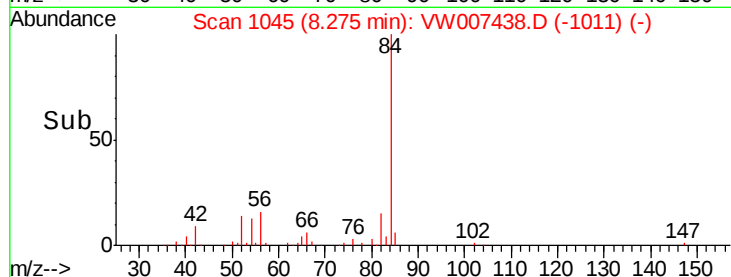
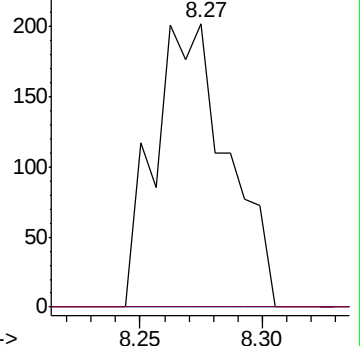
62 100

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: 2.158 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW007438.D

Acq: 12 Dec 2018 13:17

Tgt Ion: 95 Resp: 1729

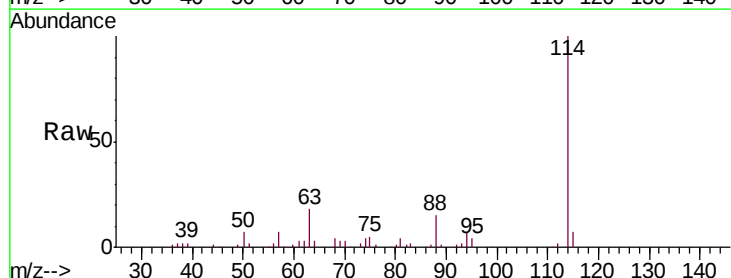
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

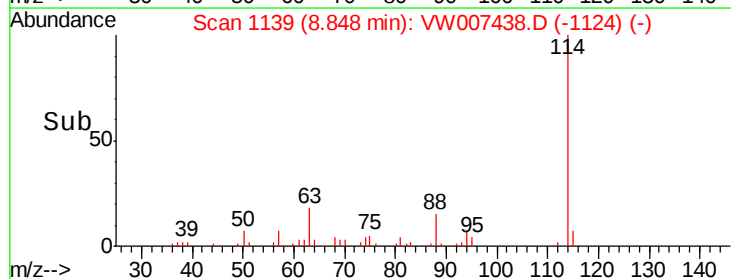
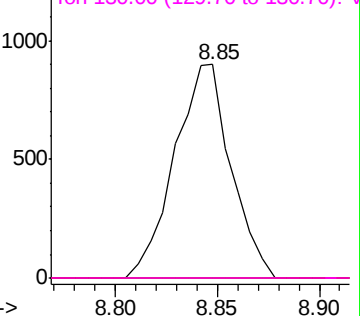


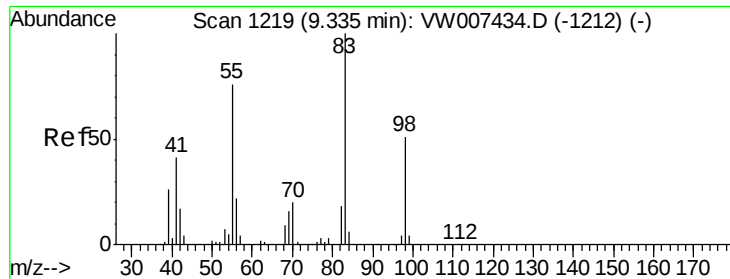
Abundance Ion 95.00 (94.70 to 95.70): VW

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

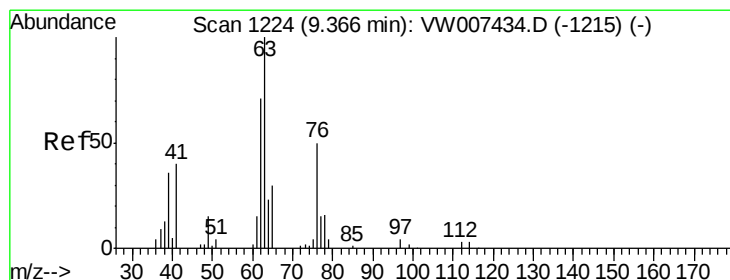
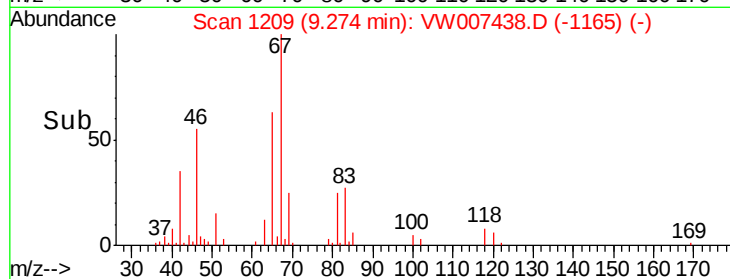
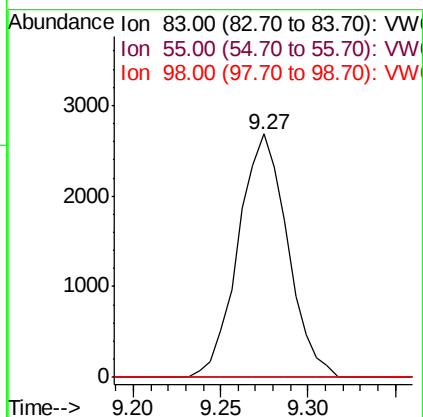
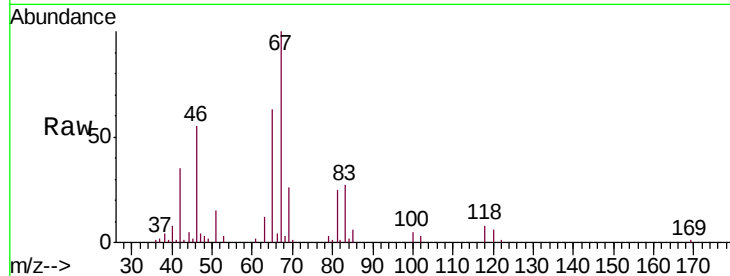




#36
Methylcyclohexane
Concen: 3.800 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW007438.D
Acq: 12 Dec 2018 13:17

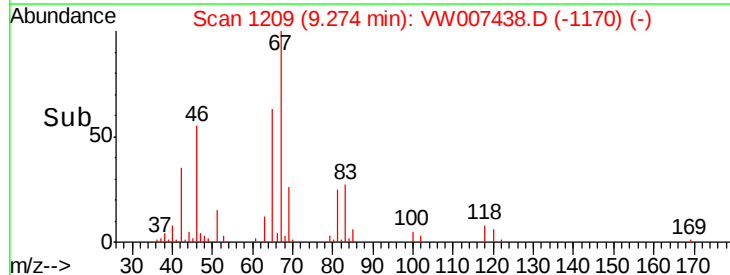
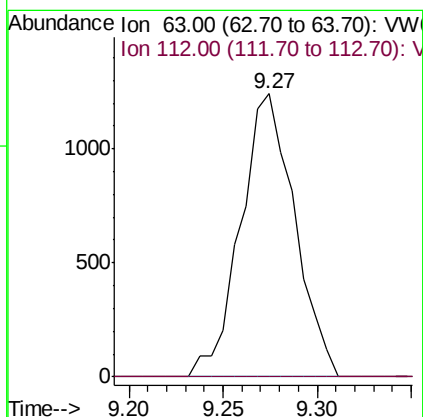
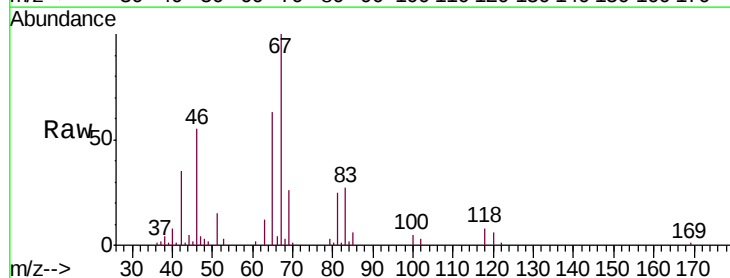
Instrument :
MSVOA_W
ClientSampled :
F9E30RE

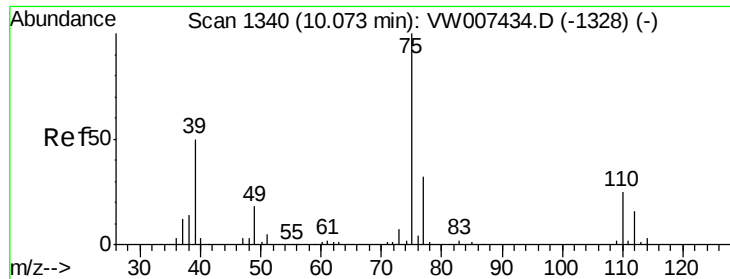
Tgt Ion: 83 Resp: 5256
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.2#
98 0.0 38.1 57.1#



#40
1,2-Dichloropropane
Concen: 3.619 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW007438.D
Acq: 12 Dec 2018 13:17

Tgt Ion: 63 Resp: 2474
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#42

cis-1,3-Dichloropropene

Concen: 0.589 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW007438.D

Acq: 12 Dec 2018 13:17

Instrument :

MSVOA_W

ClientSampleId :

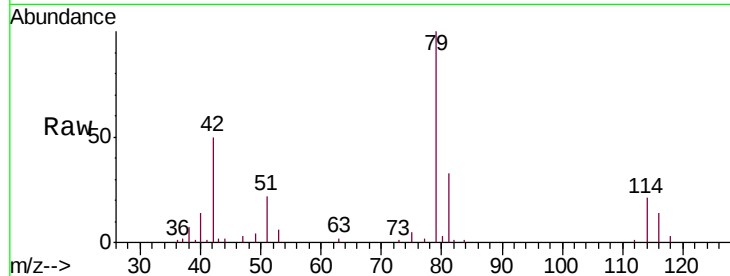
F9E30RE

Tgt Ion: 75 Resp: 676

Ion Ratio Lower Upper

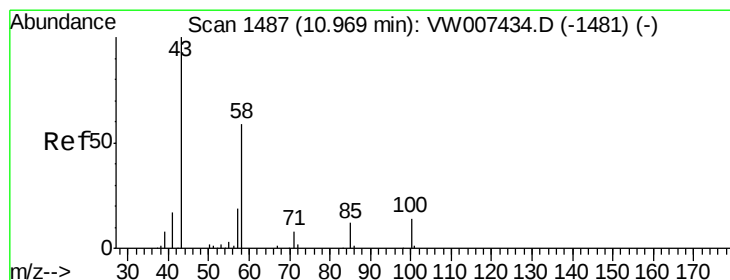
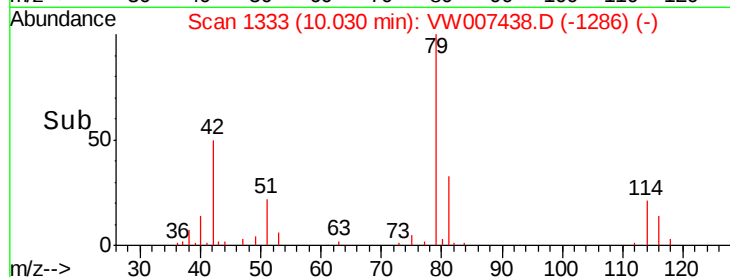
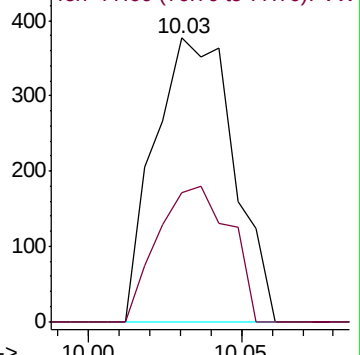
75 100

77 45.6 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#49

2-Hexanone

Concen: 2.843 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW007438.D

Acq: 12 Dec 2018 13:17

Tgt Ion: 43 Resp: 1081

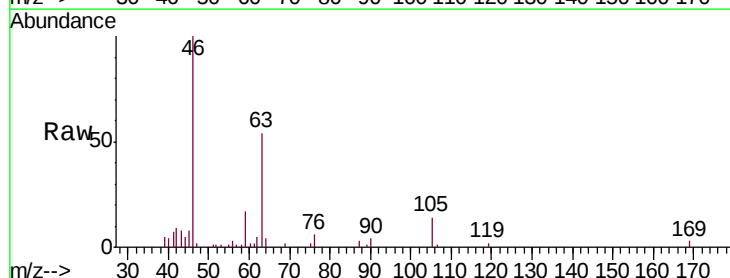
Ion Ratio Lower Upper

43 100

58 7.2 47.2 70.8#

57 13.8 17.6 26.4#

100 0.0 12.2 18.2#

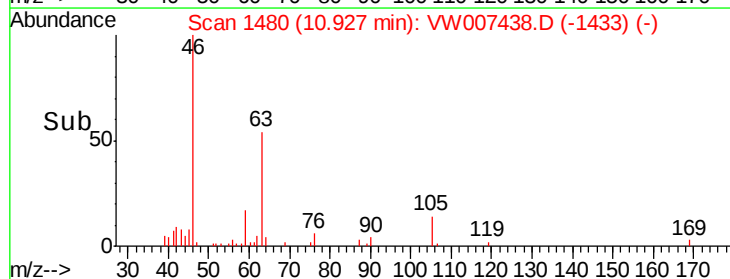
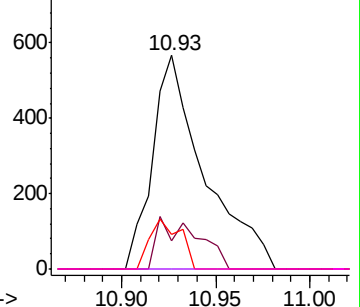


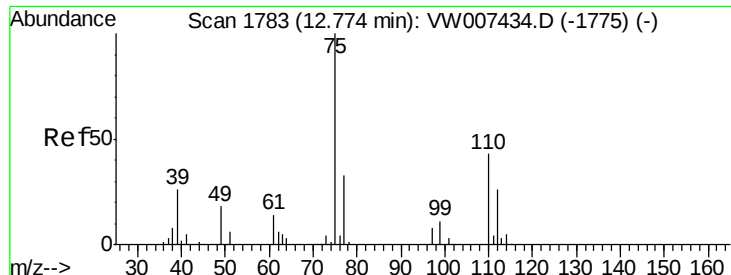
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#59

1,2,3-Trichloropropane

Concen: 4.159 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW007438.D

Acq: 12 Dec 2018 13:17

Instrument :

MSVOA_W

ClientSampleId :

F9E30RE

Tgt Ion: 75 Resp: 2297

Ion Ratio Lower Upper

75 100

77 42.0 26.5 39.7#

