

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
 Data File : VW007336.D
 Acq On : 08 Dec 2018 05:36
 Operator : SY/AP
 Sample : J6270-05
 Misc : 6.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9E04

Quant Time: Dec 10 05:54:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 10 05:52:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	50730	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	38610	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	14208	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	10924	33.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	132.24%
7) Chloroethane-d5	2.90	69	8158	29.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.60%
10) 1,1-Dichloroethene-d2	4.01	63	24558	21.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.20%
20) 2-Butanone-d5	7.07	46	9605	46.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.24%
24) Chloroform-d	7.65	84	33623	28.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.40%
26) 1,2-Dichloroethane-d4	8.31	65	23884	35.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	140.28%#
29) Benzene-d6	8.27	84	67452	32.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	128.68%
33) 1,2-Dichloropropane-d6	9.27	67	20643	34.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	138.00%#
37) Toluene-d8	10.32	98	59719	30.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	121.48%
38) trans-1,3-Dichloropropene-	10.58	79	7951	25.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.96%
39) 2-Hexanone-d5	10.93	63	6608	45.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	17875	32.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.12%#
61) 1,2-Dichlorobenzene-d4	13.86	152	14118	28.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.00%

Target Compounds

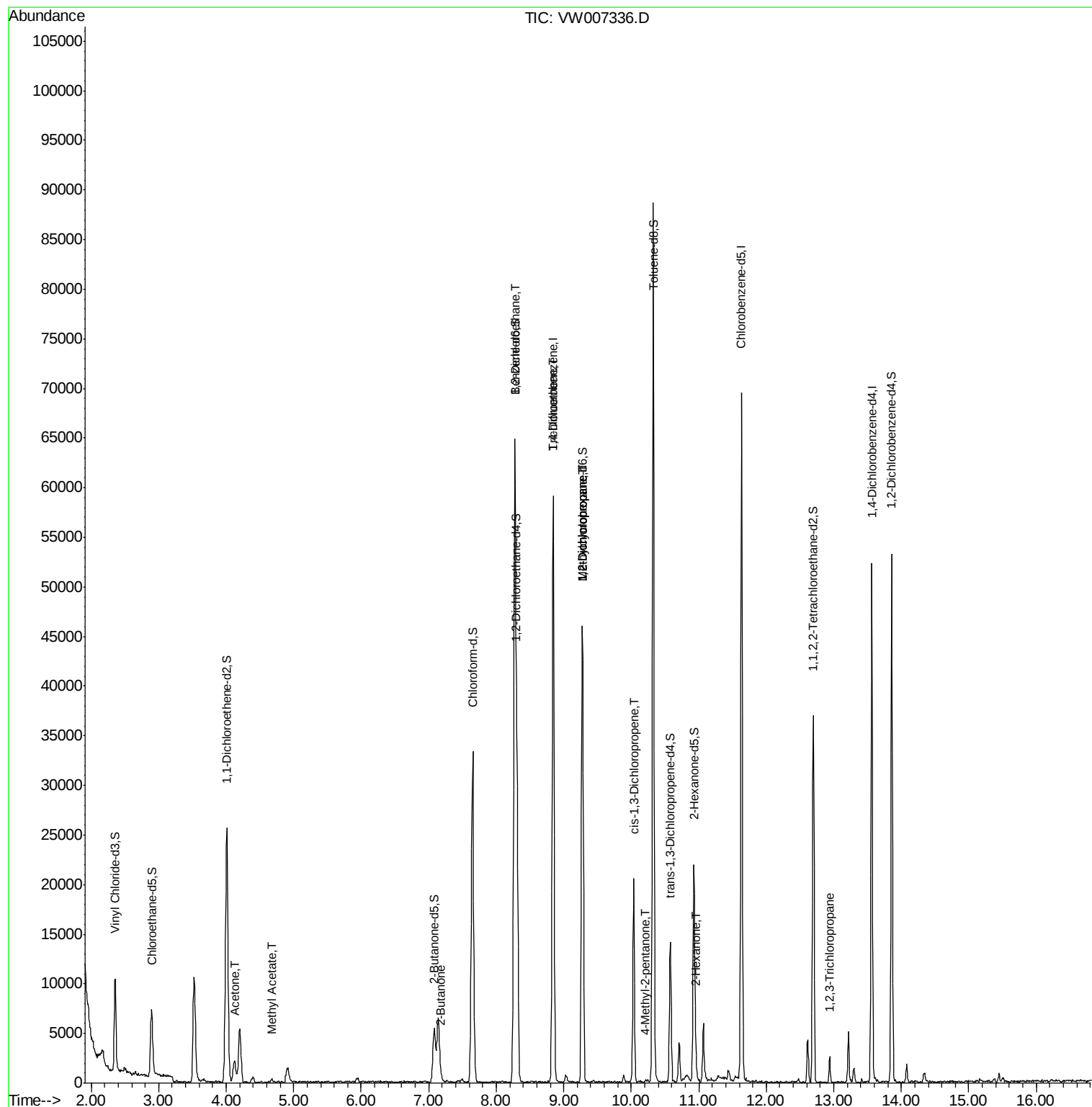
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.12	43	4162	17.185	ug/L	94
15) Methyl Acetate	4.68	43	560	1.542	ug/L #	100
21) 2-Butanone	7.18	43	274	1.053	ug/L	84
27) 1,2-Dichloroethane	8.28	62	428	0.508	ug/L #	76
35) Trichloroethene	8.84	95	1612	2.540	ug/L #	4
36) Methylcyclohexane	9.27	83	5478	5.000	ug/L #	19
40) 1,2-Dichloropropane	9.27	63	2393	4.420	ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	560	0.616	ug/L #	67
43) 4-Methyl-2-pentanone	10.21	43	247	0.576	ug/L #	42
49) 2-Hexanone	10.96	43	1619	5.376	ug/L #	39
59) 1,2,3-Trichloropropane	12.93	75	272	0.622	ug/L #	42

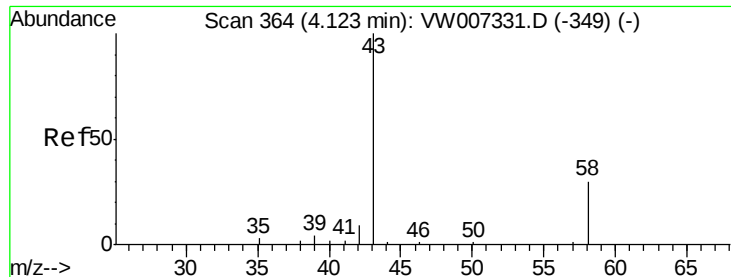
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Dec 10 05:52:22 2018
Response via : Initial Calibration





#13

Acetone

Concen: 17.185 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW007336.D

Acq: 08 Dec 2018 05:36

Instrument :

MSVOA_W

ClientSampleId :

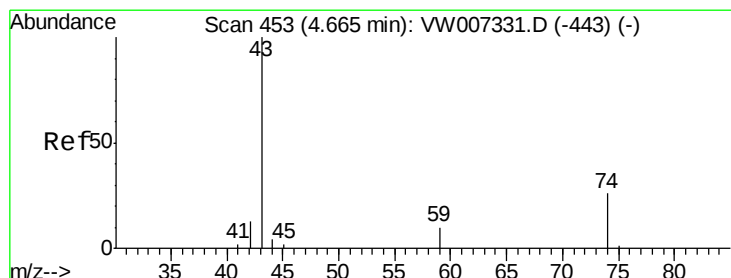
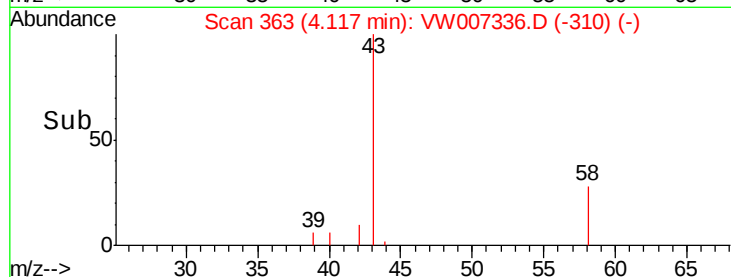
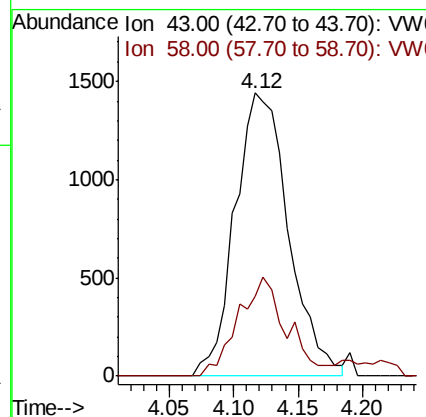
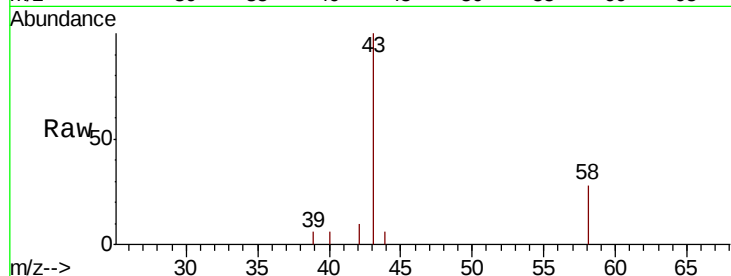
F9E04

Tgt Ion: 43 Resp: 4162

Ion Ratio Lower Upper

43 100

58 26.3 0.0 59.2



#15

Methyl Acetate

Concen: 1.542 ug/L

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW007336.D

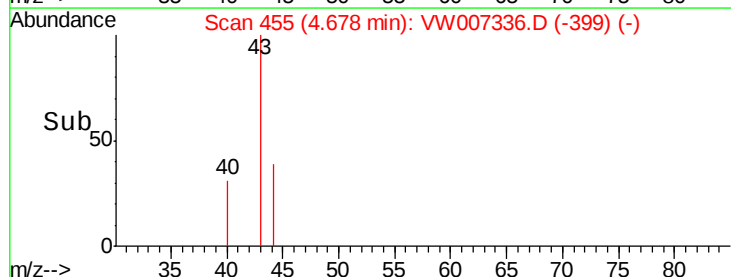
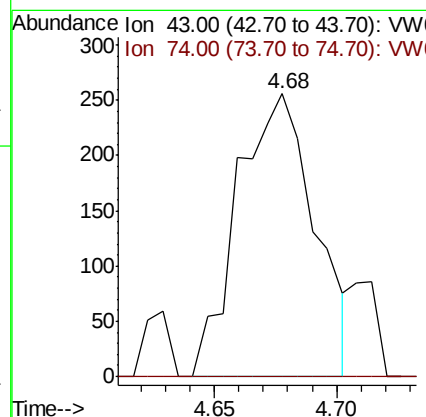
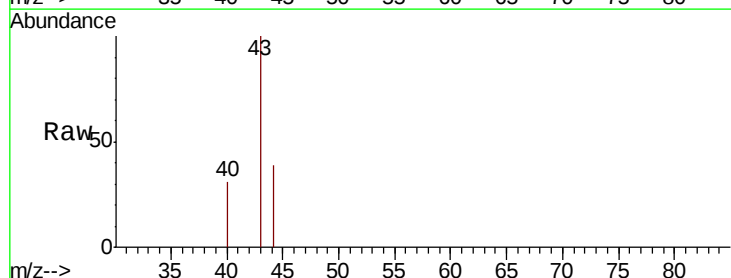
Acq: 08 Dec 2018 05:36

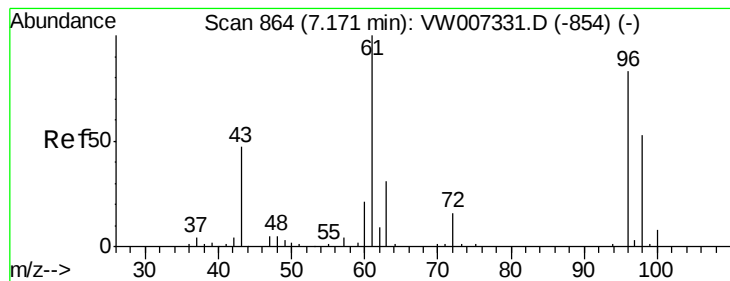
Tgt Ion: 43 Resp: 560

Ion Ratio Lower Upper

43 100

74 0.0 0.1 0.1#





#21

2-Butanone

Concen: 1.053 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW007336.D

Acq: 08 Dec 2018 05:36

Instrument :

MSVOA_W

ClientSampleId :

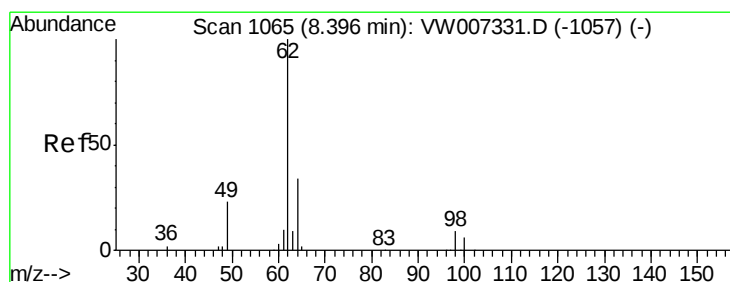
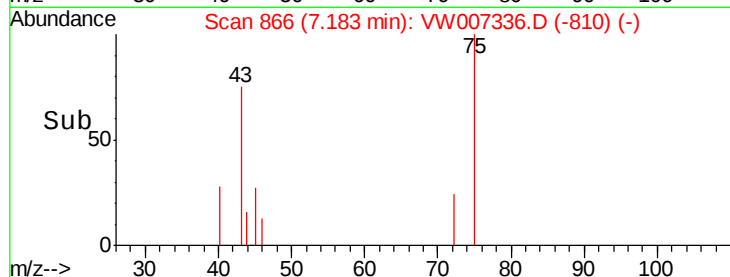
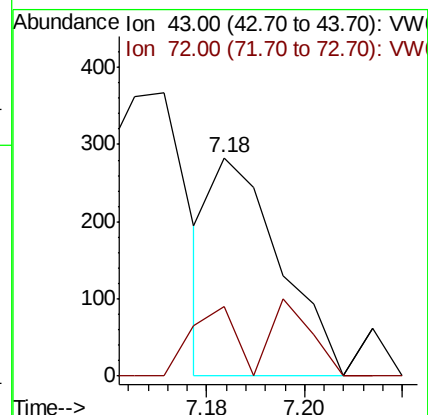
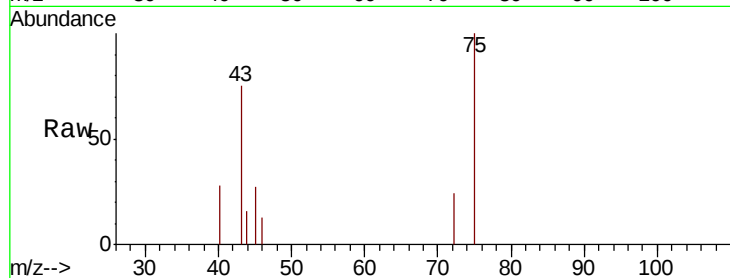
F9E04

Tgt Ion: 43 Resp: 274

Ion Ratio Lower Upper

43 100

72 20.8 14.7 44.1



#27

1,2-Dichloroethane

Concen: 0.508 ug/L

RT: 8.28 min Scan# 1046

Delta R.T. -0.12 min

Lab File: VW007336.D

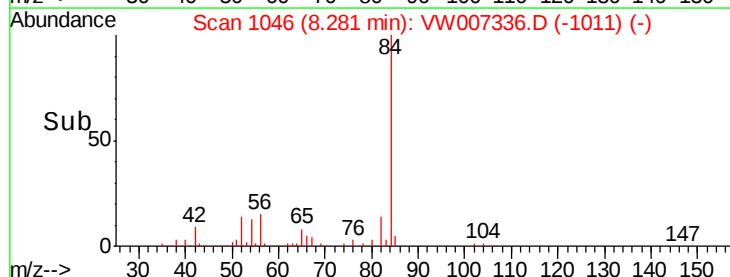
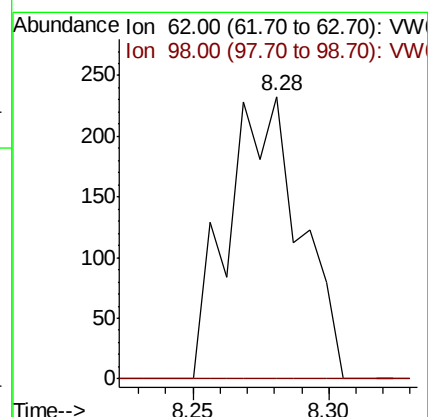
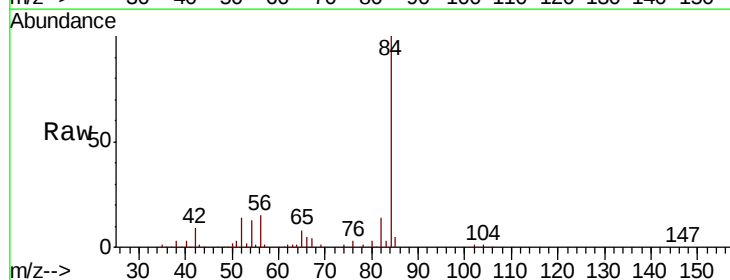
Acq: 08 Dec 2018 05:36

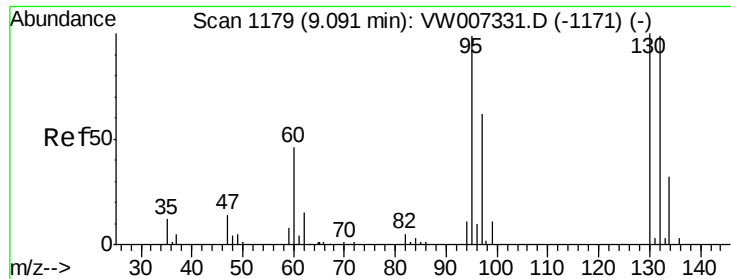
Tgt Ion: 62 Resp: 428

Ion Ratio Lower Upper

62 100

98 0.0 6.9 10.3#





#35

Trichloroethene

Concen: 2.540 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007336.D

Acq: 08 Dec 2018 05:36

Instrument :

MSVOA_W

ClientSampleId :

F9E04

Tgt Ion: 95 Resp: 1612

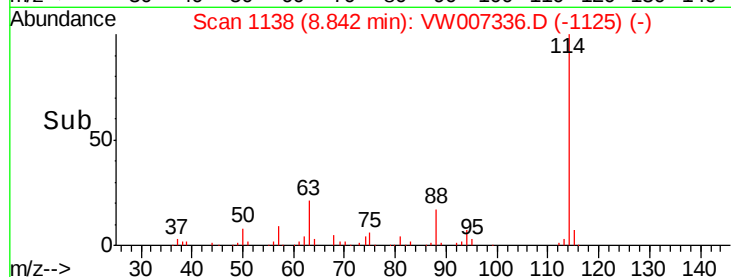
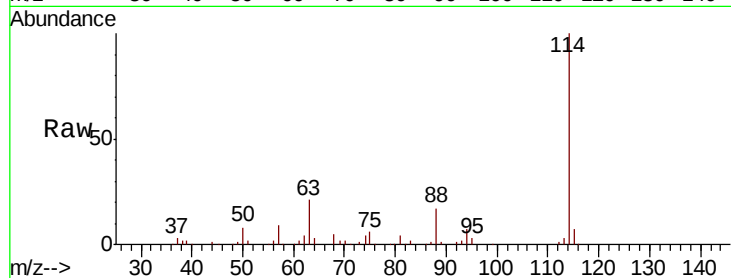
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

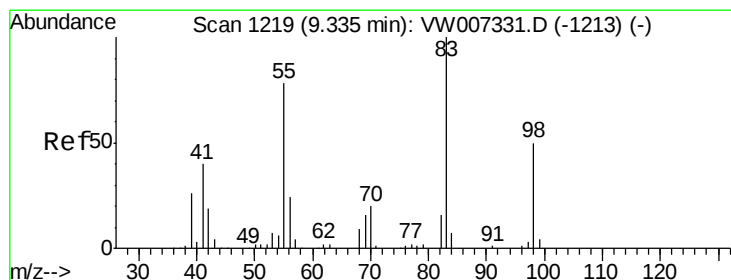
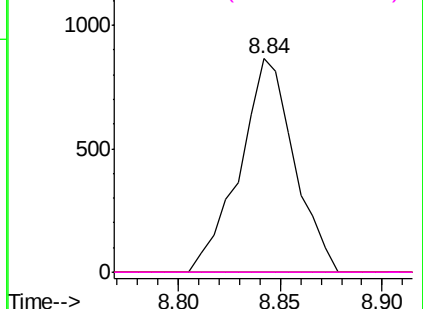


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 5.000 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW007336.D

Acq: 08 Dec 2018 05:36

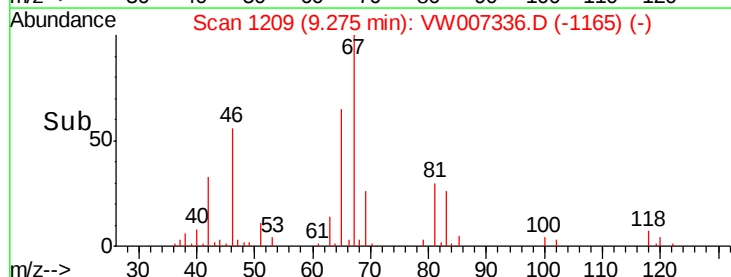
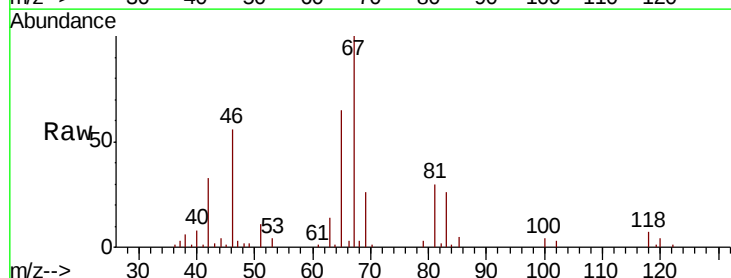
Tgt Ion: 83 Resp: 5478

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.2#

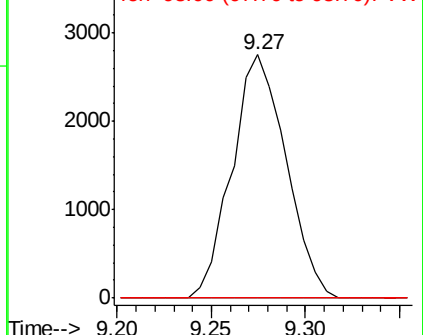
98 0.0 38.1 57.1#

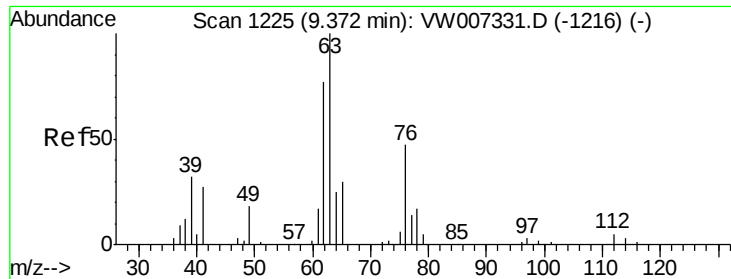


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

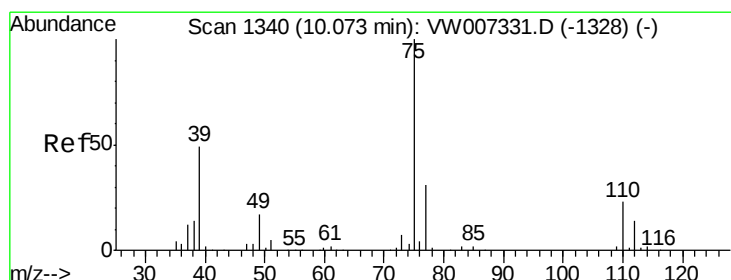
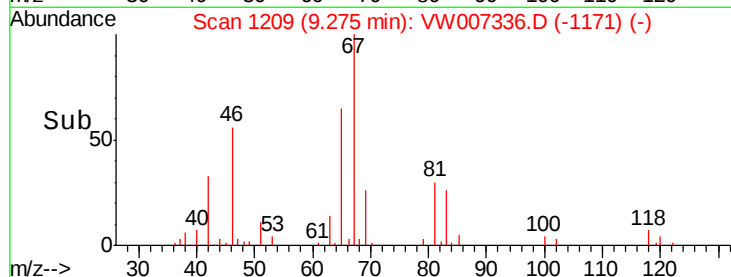
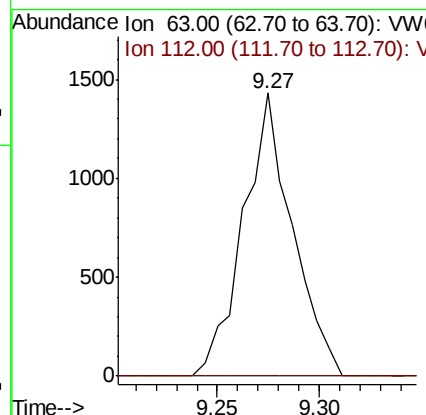
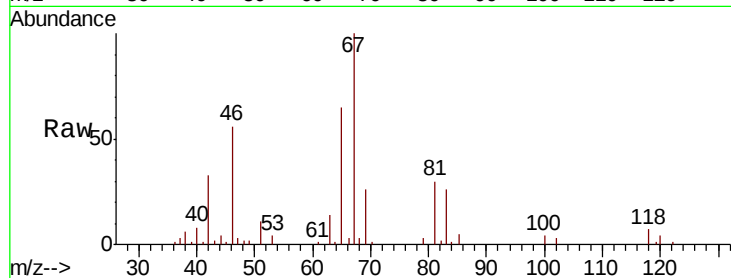




#40
 1,2-Dichloropropane
 Concen: 4.420 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW007336.D
 Acq: 08 Dec 2018 05:36

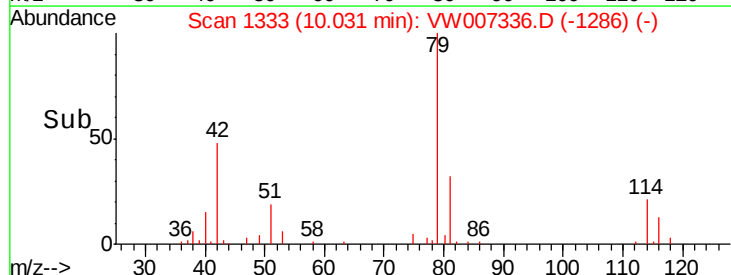
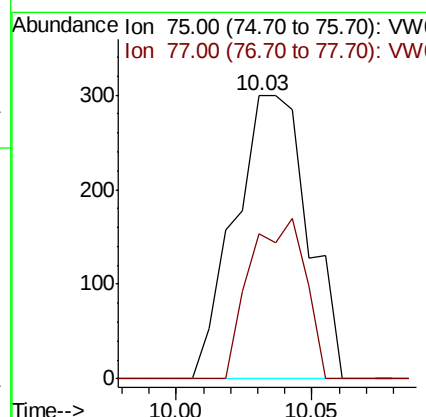
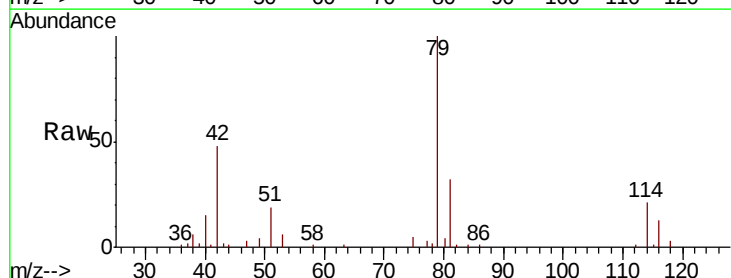
Instrument :
 MSVOA_W
 ClientSampled :
 F9E04

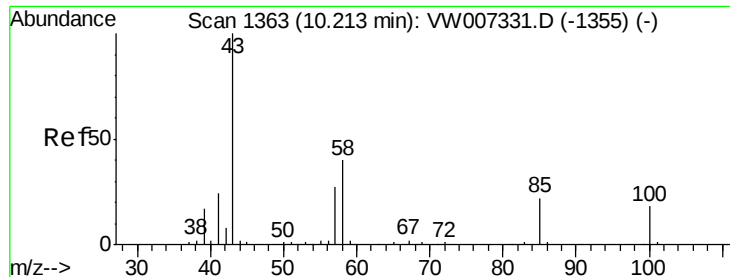
Tgt Ion: 63 Resp: 2393
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.616 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW007336.D
 Acq: 08 Dec 2018 05:36

Tgt Ion: 75 Resp: 560
 Ion Ratio Lower Upper
 75 100
 77 51.2 23.0 42.6#





#43

4-Methyl-2-pentanone

Concen: 0.576 ug/L

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW007336.D

Acq: 08 Dec 2018 05:36

Instrument :

MSVOA_W

ClientSampleId :

F9E04

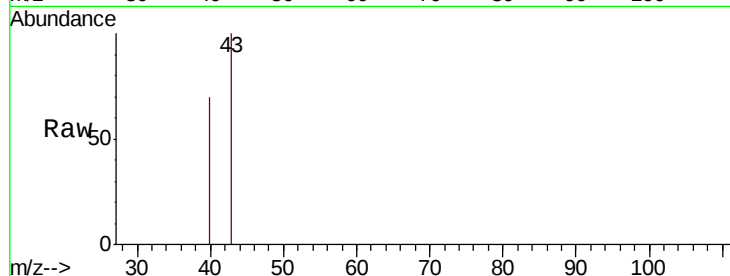
Tgt Ion: 43 Resp: 247

Ion Ratio Lower Upper

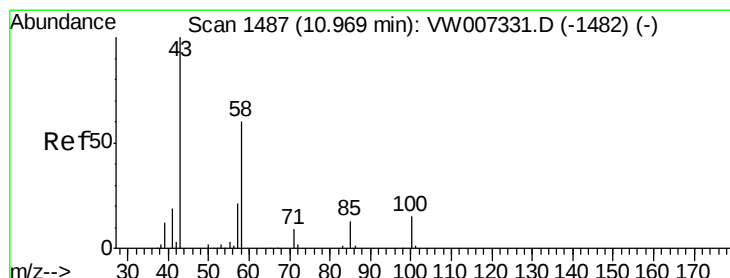
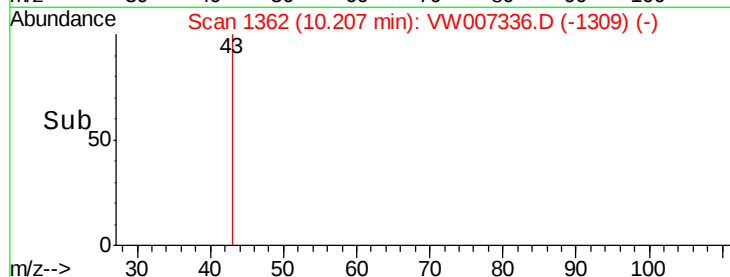
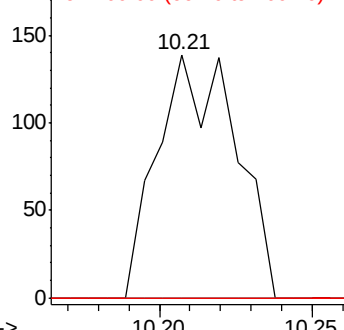
43 100

58 0.0 32.6 48.8#

100 0.0 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



#49

2-Hexanone

Concen: 5.376 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW007336.D

Acq: 08 Dec 2018 05:36

Tgt Ion: 43 Resp: 1619

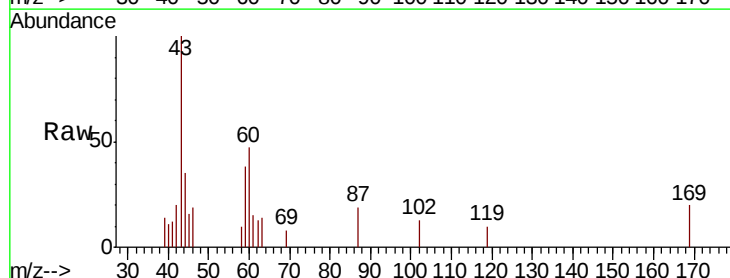
Ion Ratio Lower Upper

43 100

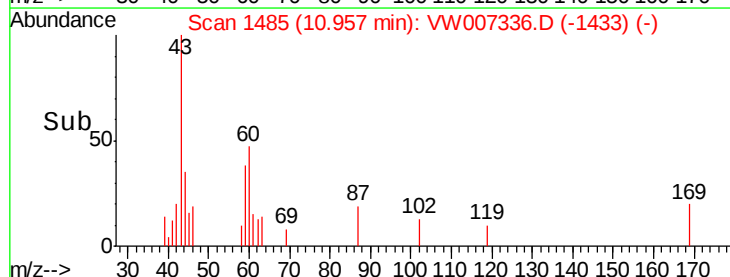
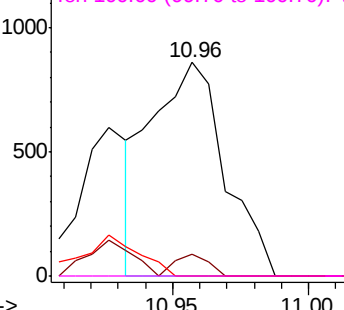
58 4.6 47.2 70.8#

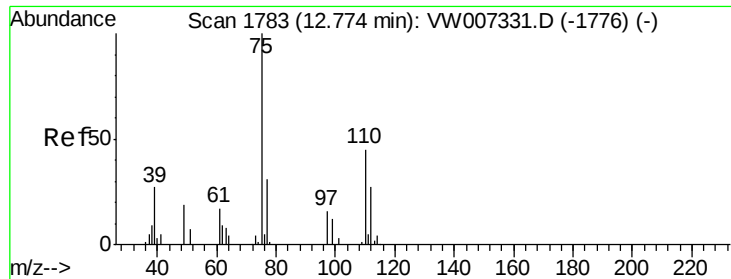
57 0.0 17.6 26.4#

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: 0.622 ug/L

RT: 12.93 min Scan# 1809

Delta R.T. 0.16 min

Lab File: VW007336.D

Acq: 08 Dec 2018 05:36

Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion: 75 Resp: 272

Ion Ratio Lower Upper

75 100

77 0.0 26.5 39.7#

