

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
 Data File : VW007342.D
 Acq On : 08 Dec 2018 08:11
 Operator : SY/AP
 Sample : J6270-11
 Misc : 6.53G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9E10

Quant Time: Dec 10 05:55:32 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	131710	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	107043	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	47618	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	26574	30.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	123.92%
7) Chloroethane-d5	2.89	69	20277	27.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.64%
10) 1,1-Dichloroethene-d2	4.01	63	60008	20.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.12%
20) 2-Butanone-d5	7.08	46	19682	36.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.80%
24) Chloroform-d	7.65	84	83481	26.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.48%
26) 1,2-Dichloroethane-d4	8.31	65	50088	28.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.32%
29) Benzene-d6	8.27	84	164905	28.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.44%
33) 1,2-Dichloropropane-d6	9.27	67	48442	29.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.80%
37) Toluene-d8	10.32	98	151814	27.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.40%
38) trans-1,3-Dichloropropene-	10.58	79	20314	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.80%
39) 2-Hexanone-d5	10.93	63	14634	36.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	38069	25.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	45448	27.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.52%

Target Compounds

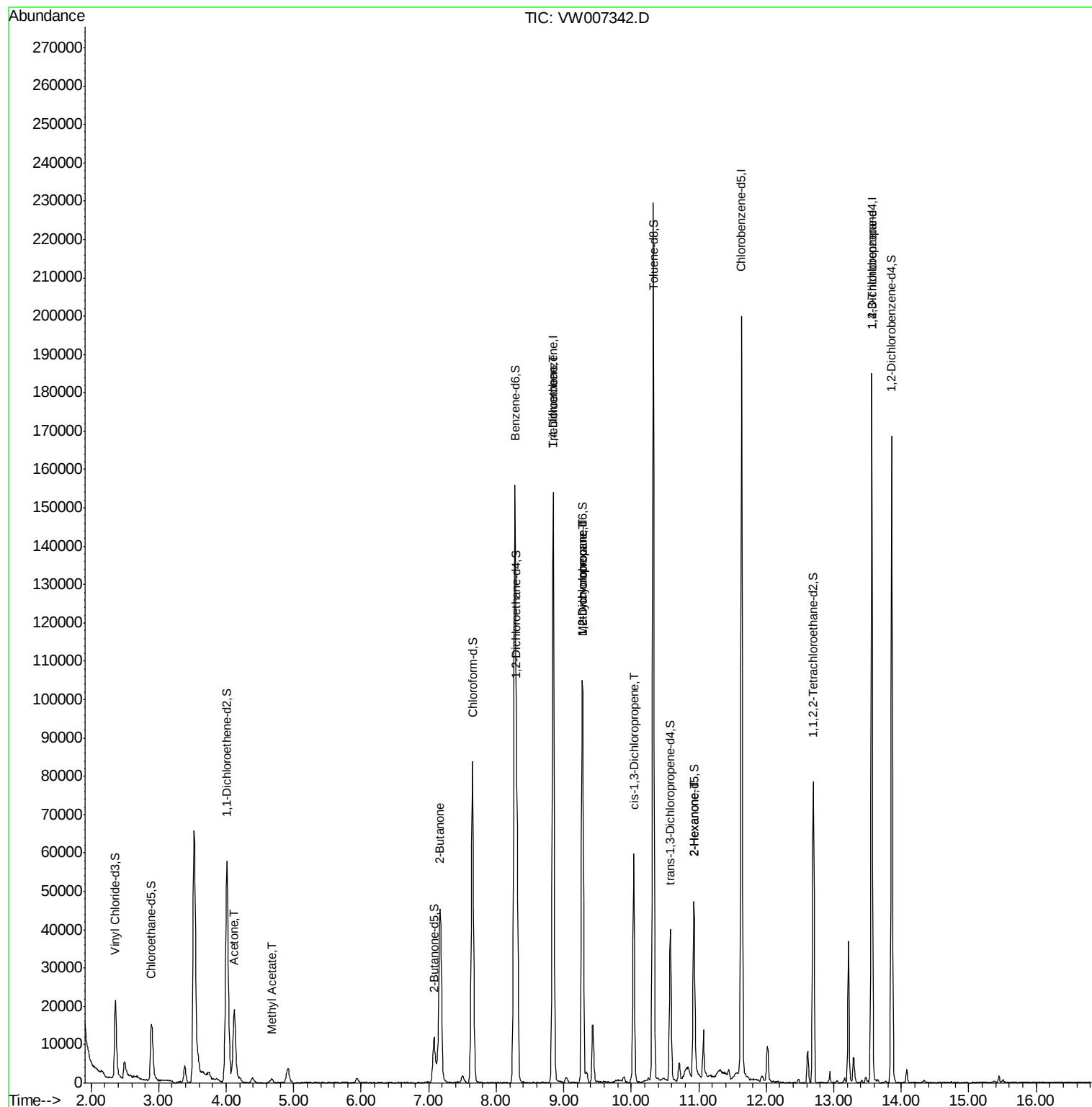
					Qvalue
13) Acetone	4.12	43	31704	50.420 ug/L	99
15) Methyl Acetate	4.67	43	2067	2.192 ug/L #	93
21) 2-Butanone	7.17	43	69020	102.123 ug/L	97
35) Trichloroethene	8.84	95	3983	2.264 ug/L #	4
36) Methylcyclohexane	9.27	83	12171	4.007 ug/L #	20
40) 1,2-Dichloropropane	9.28	63	5879	3.917 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1519	0.603 ug/L #	80
49) 2-Hexanone	10.93	43	1980	2.371 ug/L #	66
59) 1,2,3-Trichloropropane	13.56	75	5224	4.308 ug/L	89

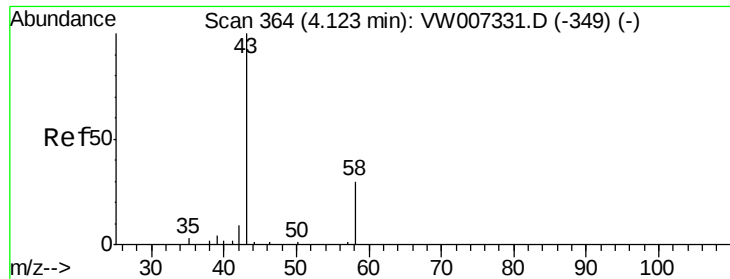
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 50.420 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW007342.D

Acq: 08 Dec 2018 08:11

Instrument :

MSVOA_W

ClientSampleId :

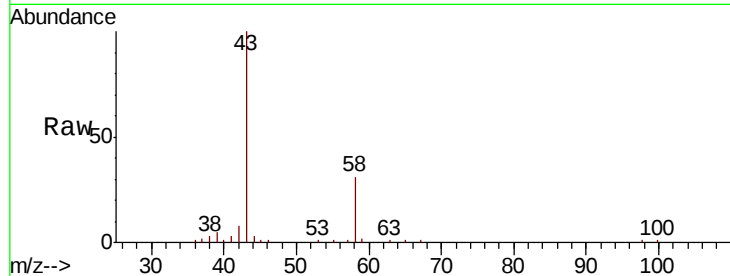
F9E10

Tgt Ion: 43 Resp: 31704

Ion Ratio Lower Upper

43 100

58 29.9 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

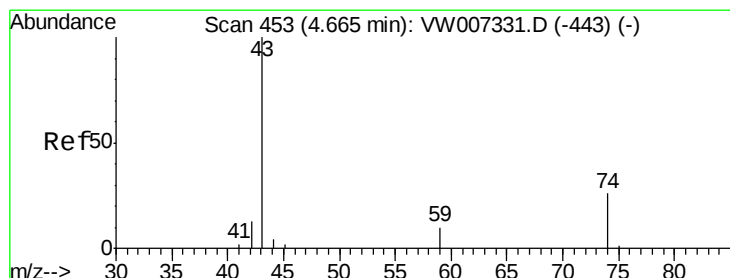
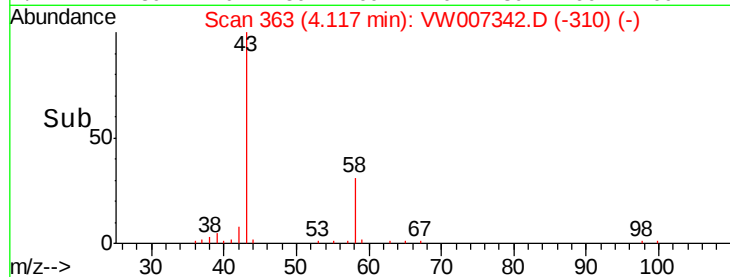
4.12

10000

5000

0

Time-->



#15

Methyl Acetate

Concen: 2.192 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW007342.D

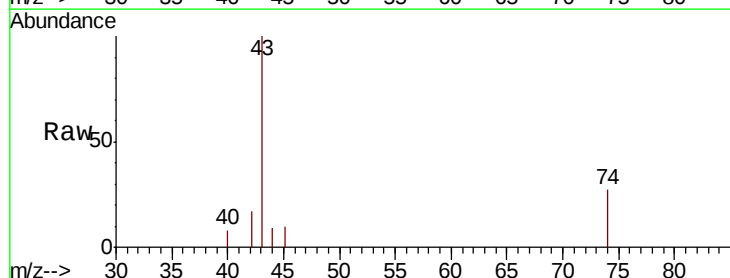
Acq: 08 Dec 2018 08:11

Tgt Ion: 43 Resp: 2067

Ion Ratio Lower Upper

43 100

74 16.6 0.1 0.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

800

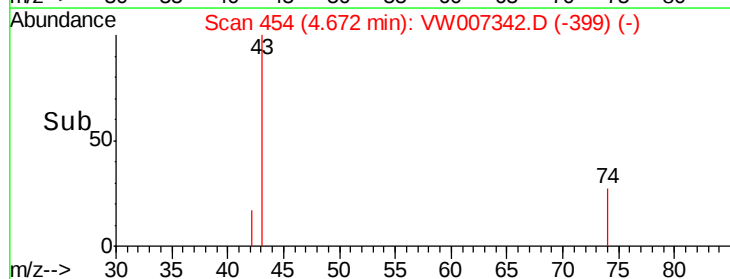
600

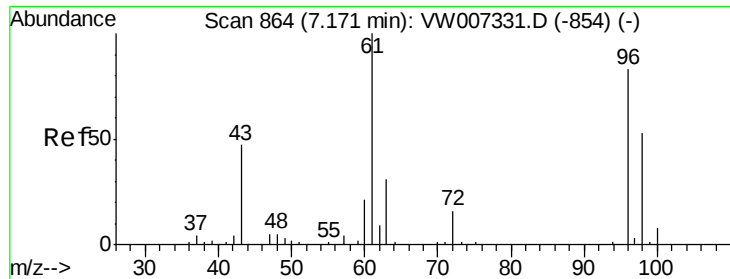
400

200

0

Time-->





#21

2-Butanone

Concen: 102.123 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW007342.D

Acq: 08 Dec 2018 08:11

Instrument :

MSVOA_W

ClientSampleId :

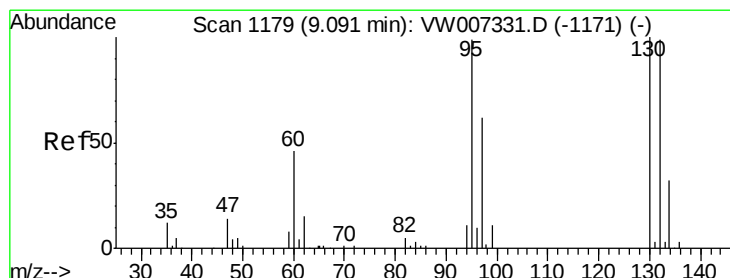
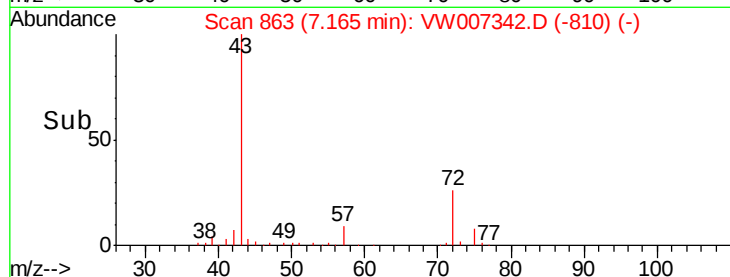
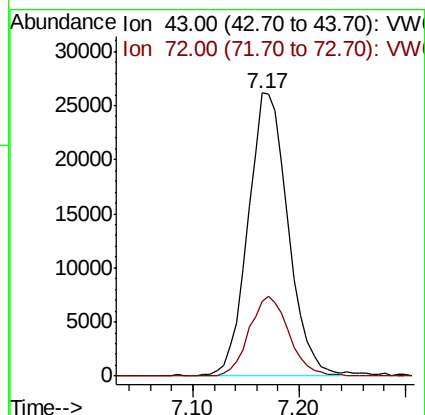
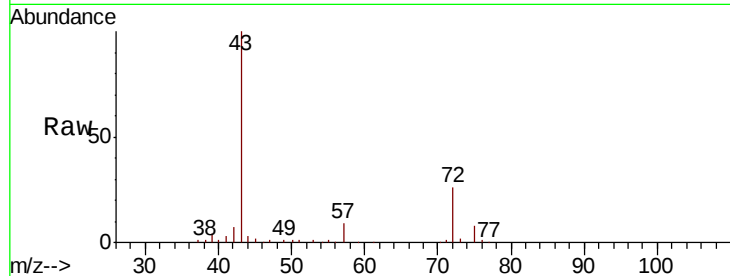
F9E10

Tgt Ion: 43 Resp: 69020

Ion Ratio Lower Upper

43 100

72 27.9 14.7 44.1



#35

Trichloroethene

Concen: 2.264 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007342.D

Acq: 08 Dec 2018 08:11

Tgt Ion: 95 Resp: 3983

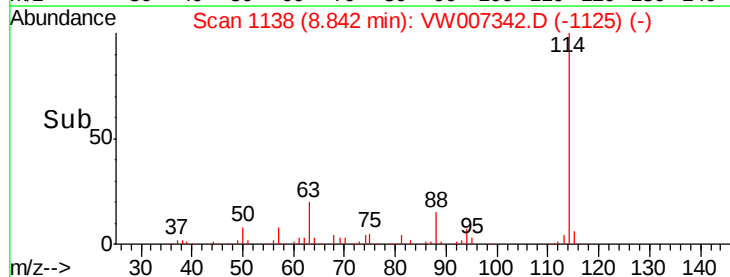
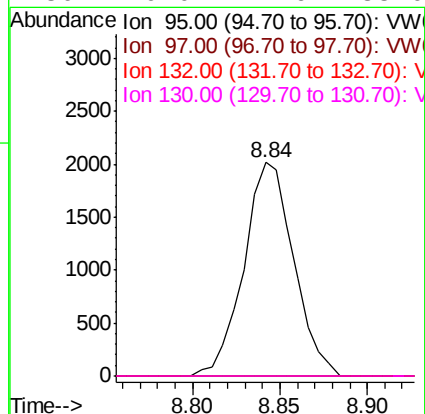
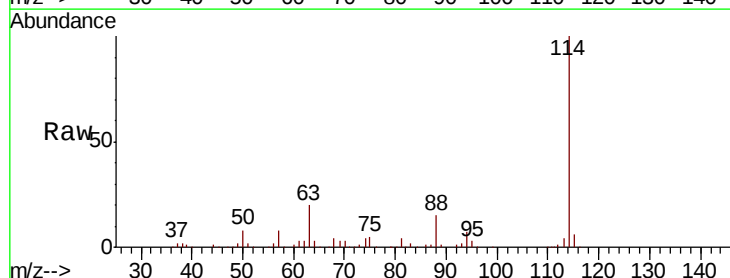
Ion Ratio Lower Upper

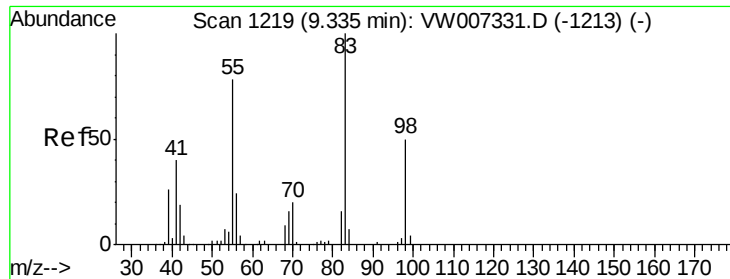
95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

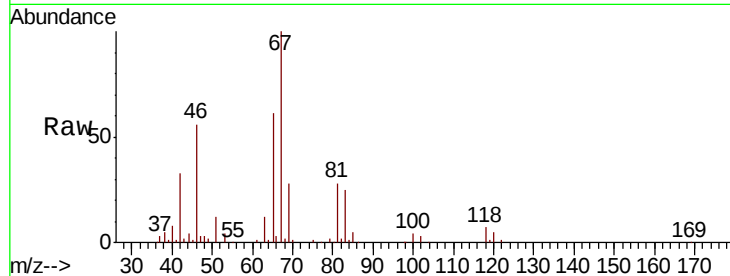




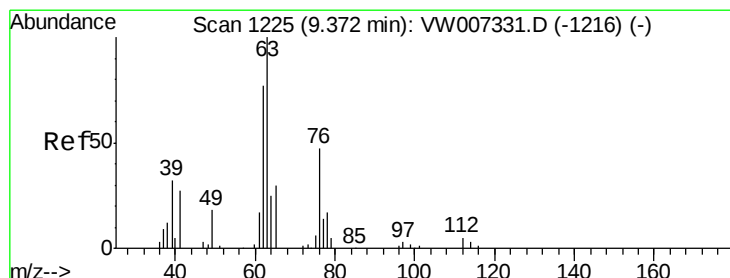
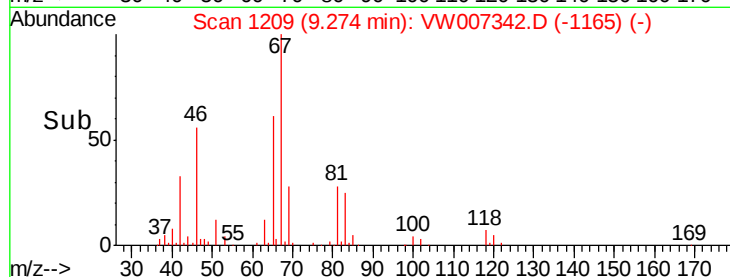
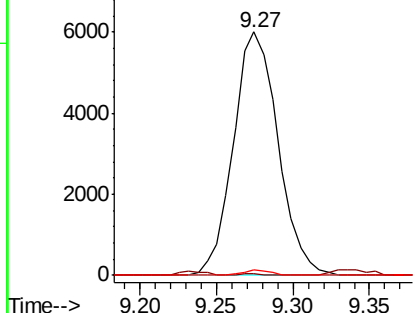
#36
Methylcyclohexane
Concen: 4.007 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW007342.D
Acq: 08 Dec 2018 08:11

Instrument :
MSVOA_W
ClientSampled :
F9E10

Tgt Ion: 83 Resp: 12171
Ion Ratio Lower Upper
83 100
55 0.3 59.4 89.2#
98 1.3 38.1 57.1#

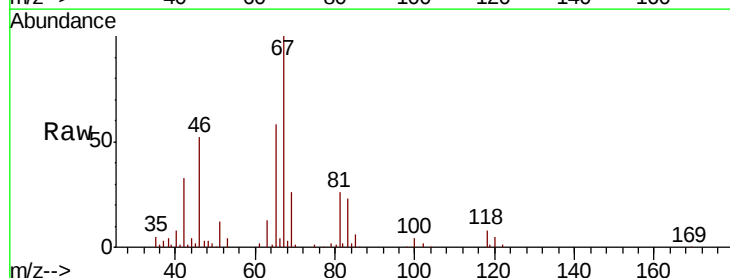


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

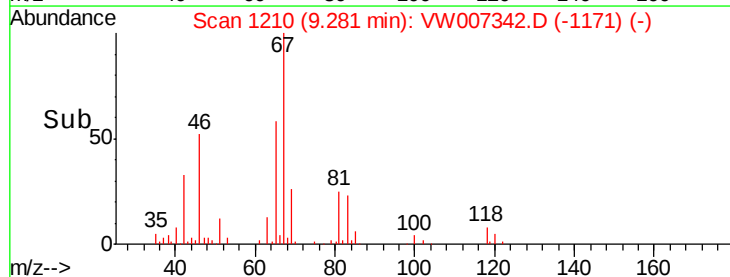
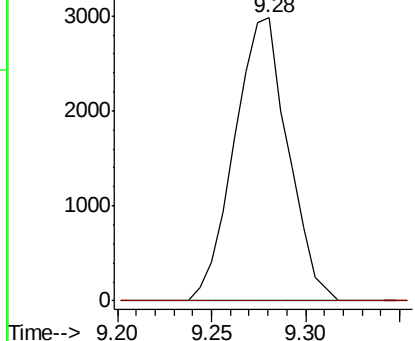


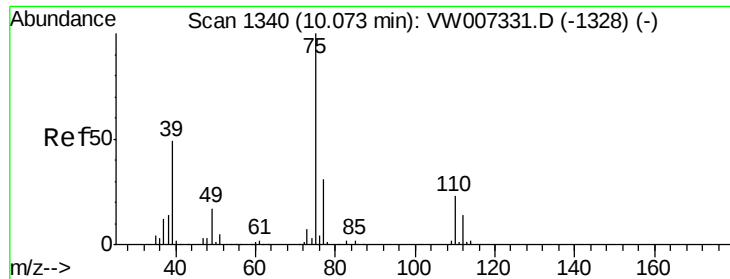
#40
1,2-Dichloropropane
Concen: 3.917 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW007342.D
Acq: 08 Dec 2018 08:11

Tgt Ion: 63 Resp: 5879
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: 0.603 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW007342.D

Acq: 08 Dec 2018 08:11

Instrument :

MSVOA_W

ClientSampleId :

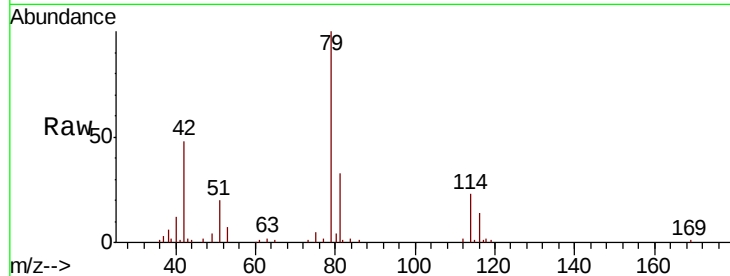
F9E10

Tgt Ion: 75 Resp: 1519

Ion Ratio Lower Upper

75 100

77 44.3 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.03

800

600

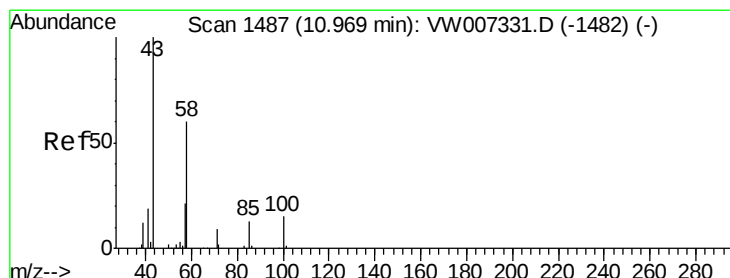
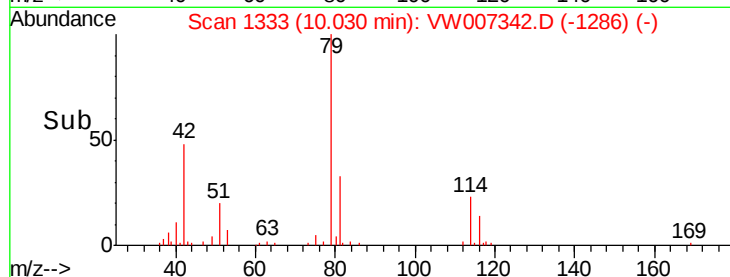
400

200

0

10.00 10.05

Time-->



#49

2-Hexanone

Concen: 2.371 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW007342.D

Acq: 08 Dec 2018 08:11

Tgt Ion: 43 Resp: 1980

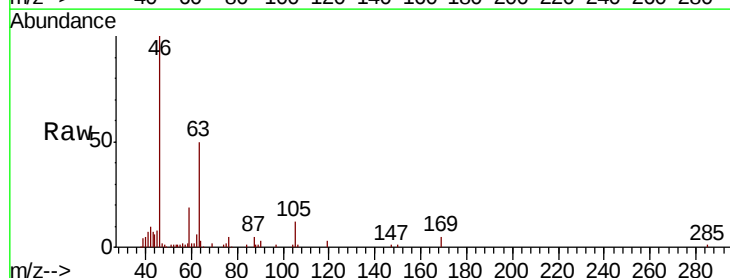
Ion Ratio Lower Upper

43 100

58 23.4 47.2 70.8#

57 19.2 17.6 26.4

100 5.6 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

1500

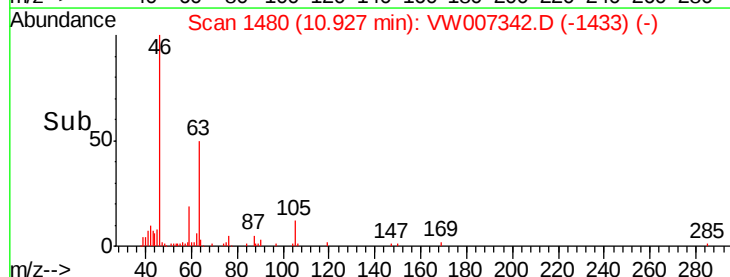
1000

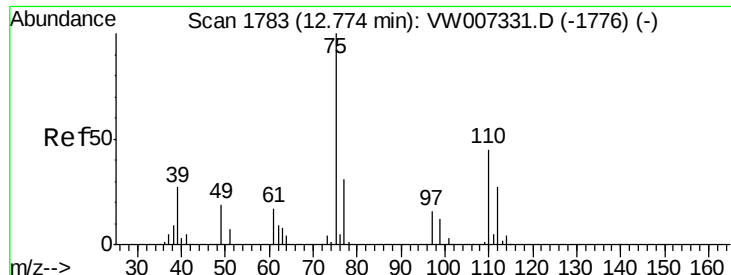
500

0

10.90 10.95

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.308 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW007342.D

Acq: 08 Dec 2018 08:11

Instrument :

MSVOA_W

ClientSampleId :

F9E10

Tgt Ion: 75 Resp: 5224

Ion Ratio Lower Upper

75 100

77 39.5 26.5 39.7

