

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120718\
 Data File : VW007330.D
 Acq On : 08 Dec 2018 01:43
 Operator : SY/AP
 Sample : J6297-02
 Misc : 6.53G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9E37

Quant Time: Dec 08 02:07:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 08 02:02:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	130789	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	103887	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	44562	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	27342	32.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	128.40%
7) Chloroethane-d5	2.90	69	20296	28.13	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.52%
10) 1,1-Dichloroethene-d2	4.01	63	62241	21.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.72%
20) 2-Butanone-d5	7.08	46	16486	30.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.40%
24) Chloroform-d	7.65	84	82587	26.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.08%
26) 1,2-Dichloroethane-d4	8.31	65	46616	26.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.20%
29) Benzene-d6	8.27	84	165997	29.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.68%
33) 1,2-Dichloropropane-d6	9.27	67	46389	28.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.24%
37) Toluene-d8	10.32	98	155101	29.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.28%
38) trans-1,3-Dichloropropene-	10.58	79	15174	18.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.72%
39) 2-Hexanone-d5	10.93	63	11306	29.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.34%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	30955	21.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	43091	27.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.96%

Target Compounds

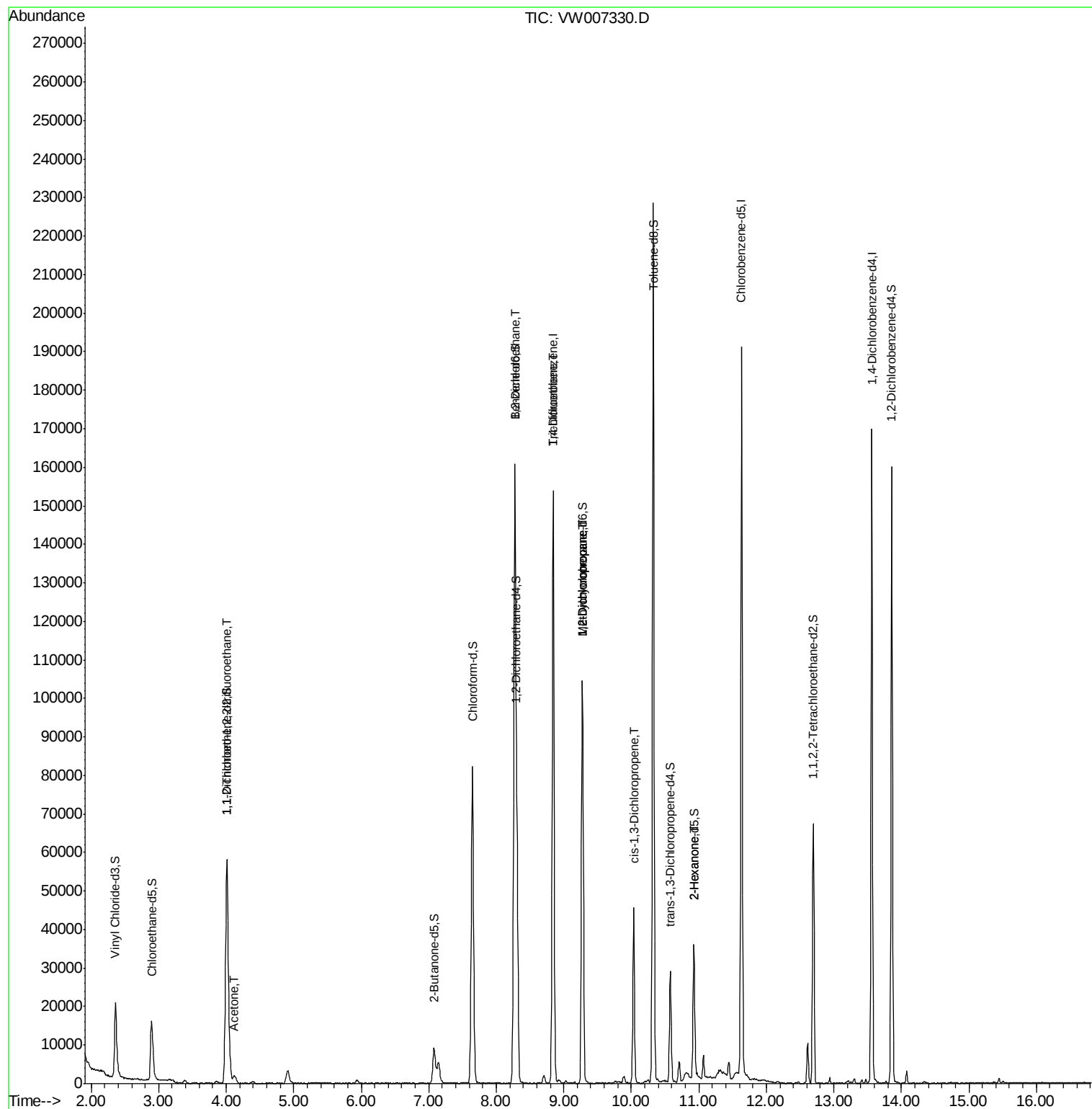
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	587	0.356 ug/L #	17
13) Acetone	4.12	43	3038	4.865 ug/L	68
27) 1,2-Dichloroethane	8.27	62	1084	0.499 ug/L #	76
35) Trichloroethene	8.85	95	4020	2.354 ug/L #	4
36) Methylcyclohexane	9.28	83	12003	4.072 ug/L #	20
40) 1,2-Dichloropropane	9.27	63	5570	3.824 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1055	0.431 ug/L #	65
49) 2-Hexanone	10.93	43	1471	1.815 ug/L #	54

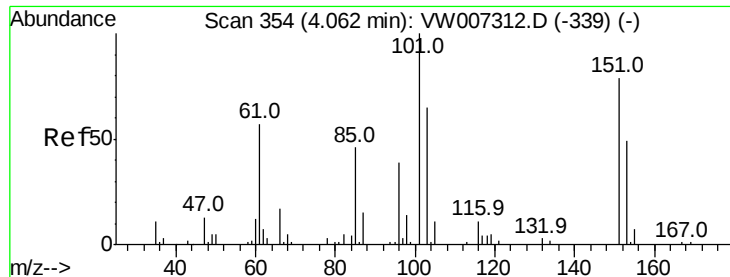
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 08 02:02:23 2018
Response via : Initial Calibration





#11

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

Concen: 0.356 ug/L

RT: 4.01 min Scan# 345

Delta R.T. -0.06 min

Lab File: VW007330.D

Acq: 08 Dec 2018 01:43

Instrument :

MSVOA_W

ClientSampled :

F9E37

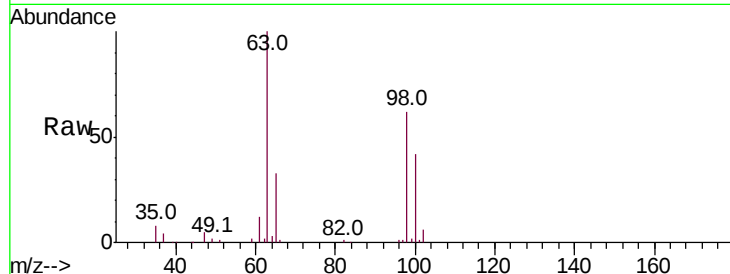
Tot Ion:101 Resp: 587

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

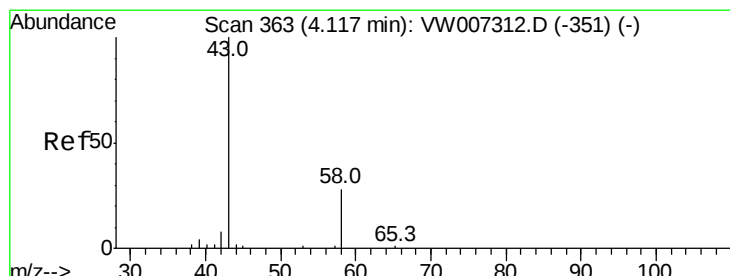
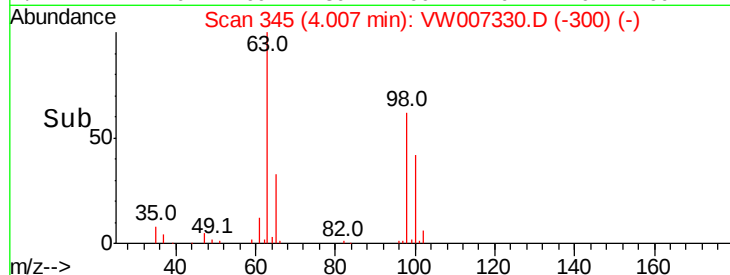
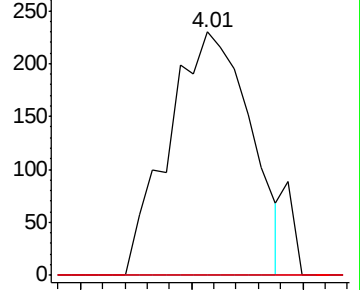
151 0.0 64.8 97.2#



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: 4.865 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007330.D

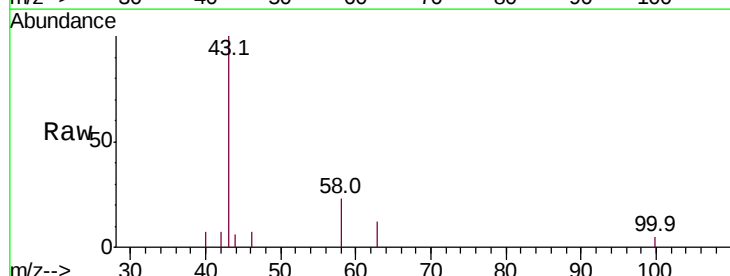
Acq: 08 Dec 2018 01:43

Tgt Ion: 43 Resp: 3038

Ion Ratio Lower Upper

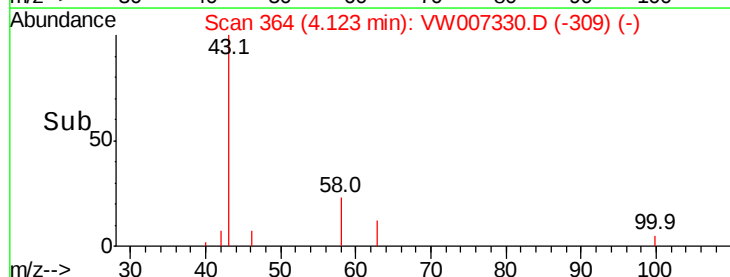
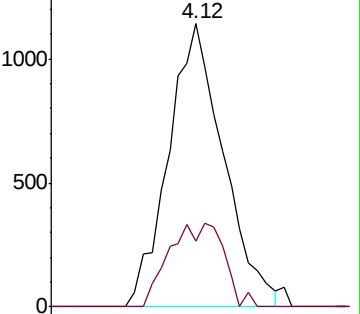
43 100

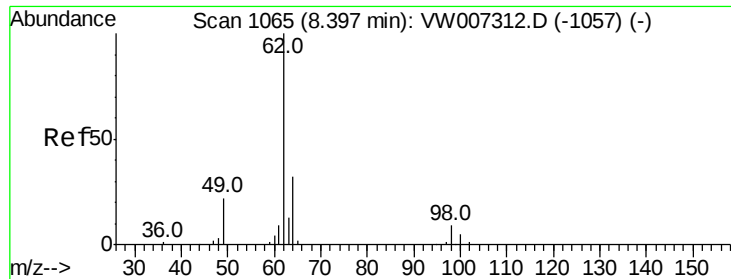
58 12.4 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#27

1,2-Dichloroethane

Concen: 0.499 ug/L

RT: 8.27 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW007330.D

Acq: 08 Dec 2018 01:43

Instrument :

MSVOA_W

ClientSampleId :

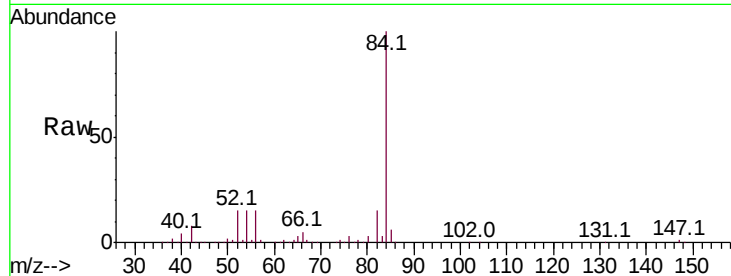
F9E37

Tot Ion: 62 Resp: 1084

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

8.27

500

400

300

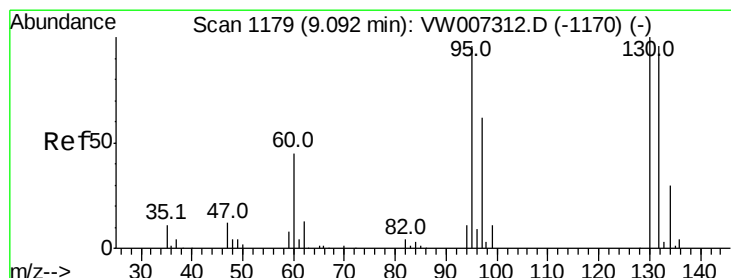
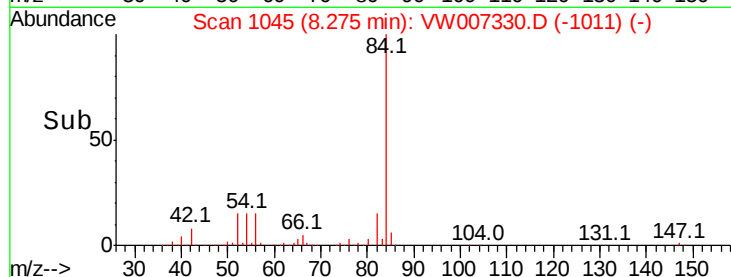
200

100

0

8.25 8.30

Time-->



#35

Trichloroethene

Concen: 2.354 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW007330.D

Acq: 08 Dec 2018 01:43

Tgt Ion: 95 Resp: 4020

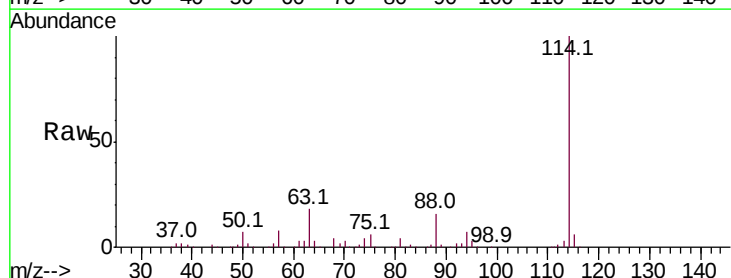
Ion Ratio Lower Upper

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

3000

2500

2000

1500

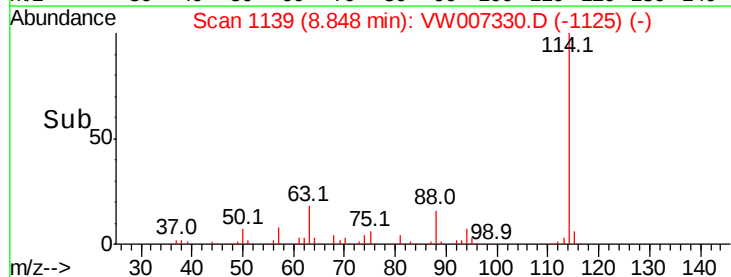
1000

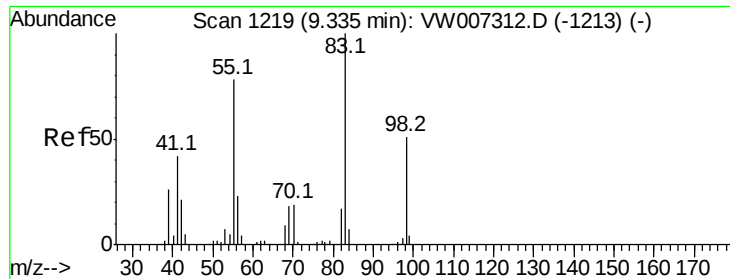
500

0

8.80 8.85 8.90

Time-->

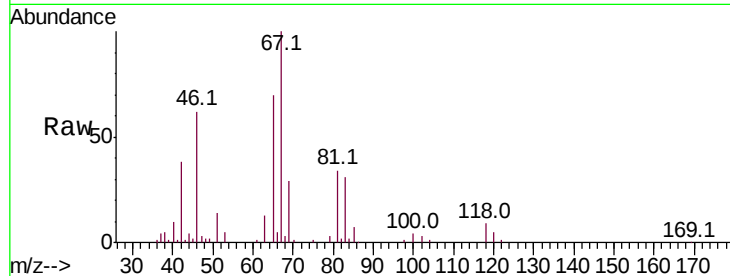




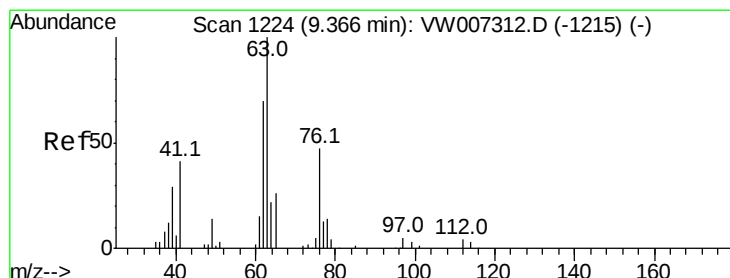
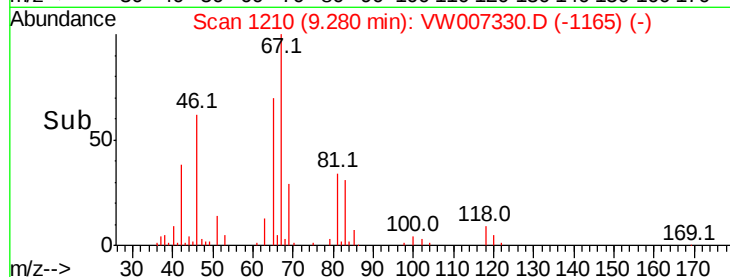
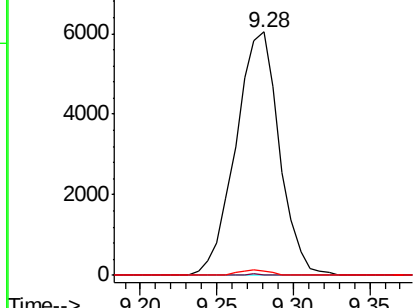
#36
Methvlcvclohexane
Concen: 4.072 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW007330.D
Acq: 08 Dec 2018 01:43

Instrument :
MSVOA_W
ClientSampled :
F9E37

Tot Ion: 83 Resp: 12003
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.2#
98 1.5 38.1 57.1#

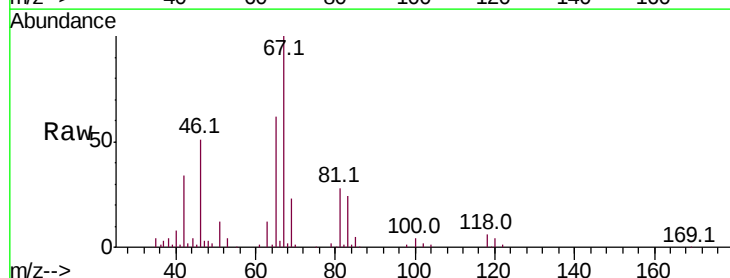


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

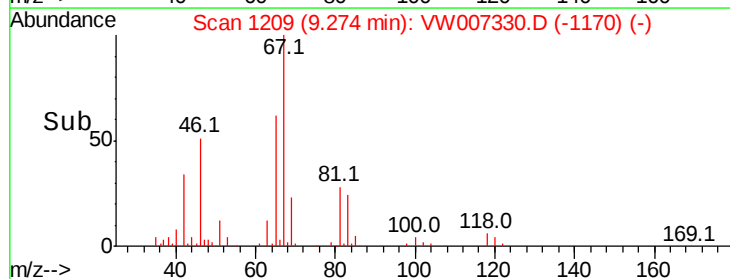
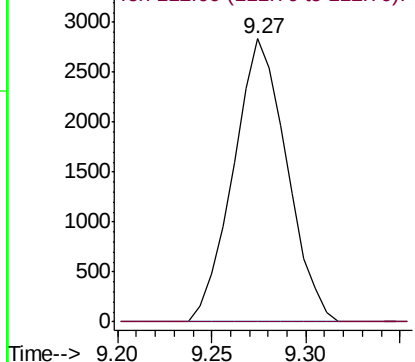


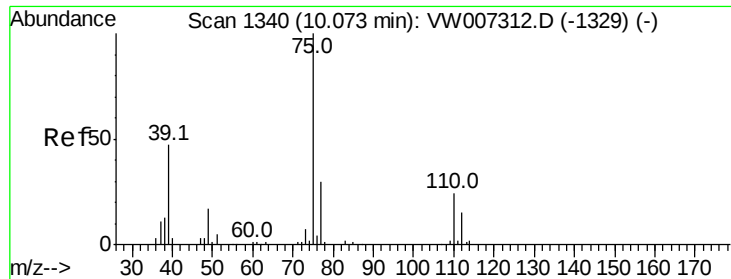
#40
1,2-Dichloropropane
Concen: 3.824 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW007330.D
Acq: 08 Dec 2018 01:43

Tgt Ion: 63 Resp: 5570
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: 0.431 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007330.D

Acq: 08 Dec 2018 01:43

Instrument :

MSVOA_W

ClientSampleId :

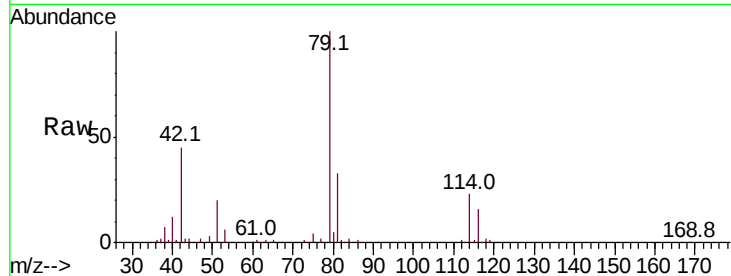
F9E37

Tot Ion: 75 Resp: 1055

Ion Ratio Lower Upper

75 100

77 52.8 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.04

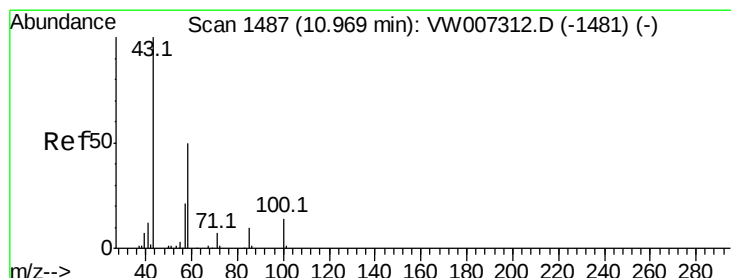
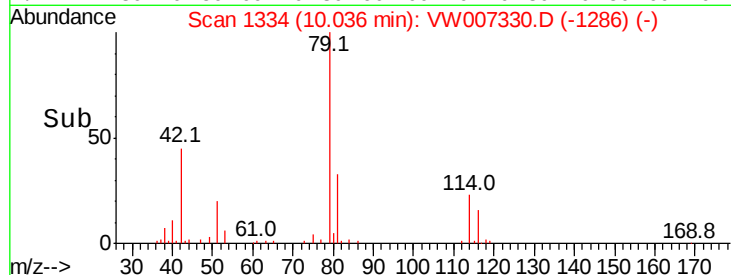
600

400

200

0

Time-->



#49

2-Hexanone

Concen: 1.815 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW007330.D

Acq: 08 Dec 2018 01:43

Tgt Ion: 43 Resp: 1471

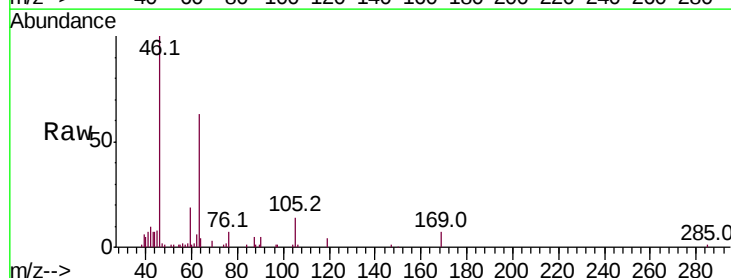
Ion Ratio Lower Upper

43 100

58 7.9 47.2 70.8#

57 23.0 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

1200

1000

800

600

400

200

0

Time-->

