

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121218\
 Data File : VW007407.D
 Acq On : 11 Dec 2018 19:44
 Operator : SY/AP
 Sample : J6271-20
 Misc : 6.17G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 02:43:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 11 01:18:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	43131	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	41564	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	18469	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	7319	26.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.20%
7) Chloroethane-d5	2.89	69	5666	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.24%
10) 1,1-Dichloroethene-d2	4.01	63	17703	18.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.08%
20) 2-Butanone-d5	7.09	46	7369	41.61	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.22%
24) Chloroform-d	7.65	84	26952	26.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.96%
26) 1,2-Dichloroethane-d4	8.31	65	17155	29.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.52%
29) Benzene-d6	8.27	84	52456	23.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.96%
33) 1,2-Dichloropropane-d6	9.27	67	15952	24.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.04%
37) Toluene-d8	10.32	98	49743	23.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.00%
38) trans-1,3-Dichloropropene-	10.58	79	7811	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.88%
39) 2-Hexanone-d5	10.93	63	5871	37.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	14026	23.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	16971	26.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.48%

Target Compounds

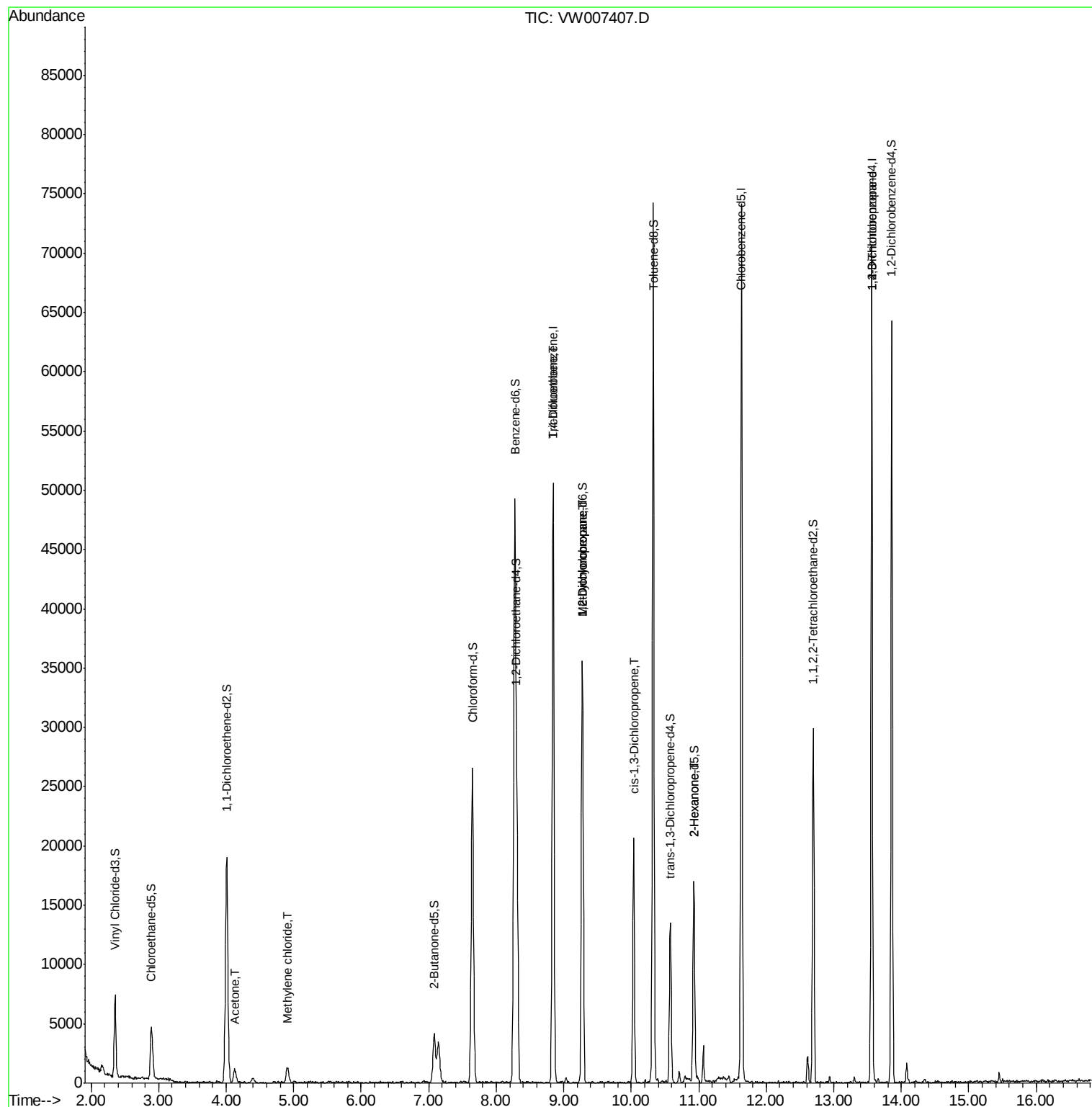
					Ovalue
13) Acetone	4.13	43	2099	10.194	ug/L 98
16) Methylene chloride	4.91	84	1023	1.468	ug/L 96
35) Trichloroethene	8.84	95	1426	2.087	ug/L # 4
36) Methylcyclohexane	9.27	83	4313	3.657	ug/L # 19
40) 1,2-Dichloropropane	9.27	63	1893	3.248	ug/L # 86
42) cis-1,3-Dichloropropene	10.03	75	555	0.567	ug/L # 48
49) 2-Hexanone	10.93	43	766	2.363	ug/L # 53
59) 1,2,3-Trichloropropane	13.57	75	2097	4.453	ug/L # 81

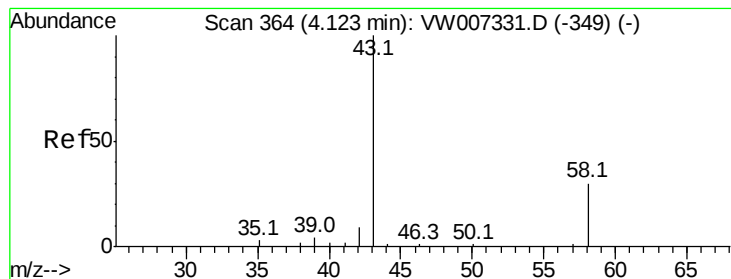
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 11 01:18:15 2018
Response via : Initial Calibration





#13

Acetone

Concen: 10.194 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007407.D

Acq: 11 Dec 2018 19:44

Instrument :

MSVOA_W

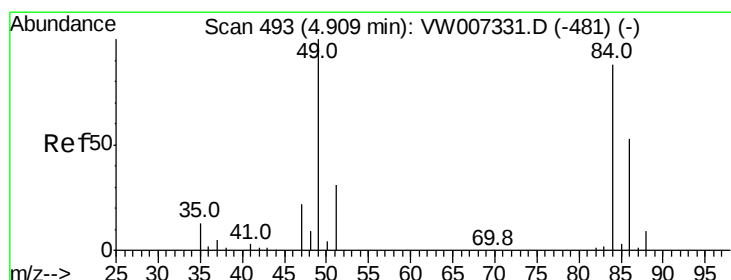
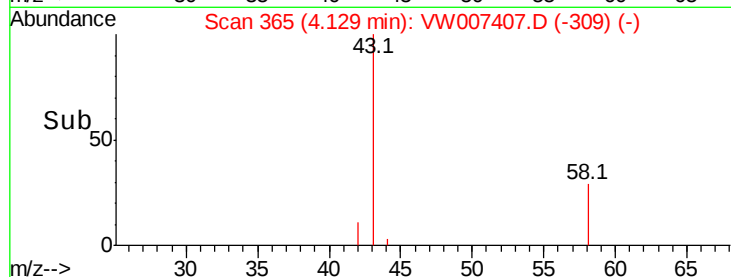
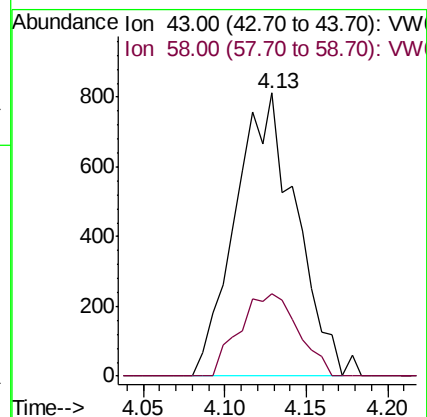
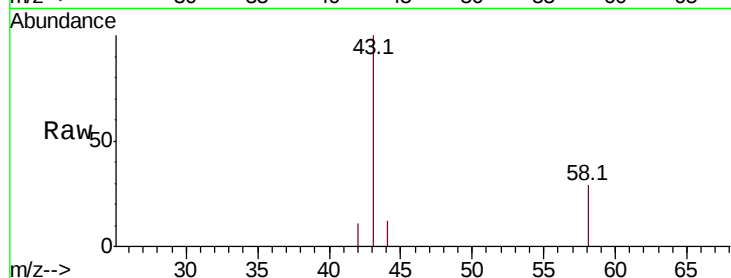
ClientSampleId :

Tot Ion: 43 Resp: 2099

Ion Ratio Lower Upper

43 100

58 28.4 0.0 59.2



#16

Methylene chloride

Concen: 1.468 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW007407.D

Acq: 11 Dec 2018 19:44

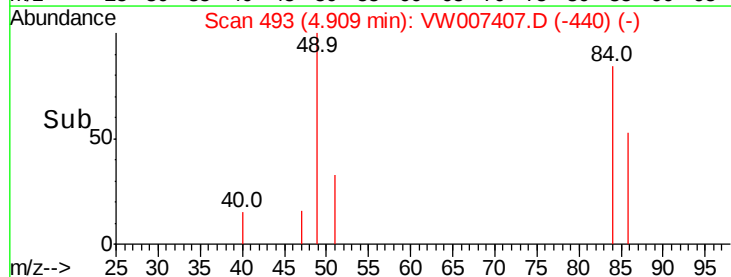
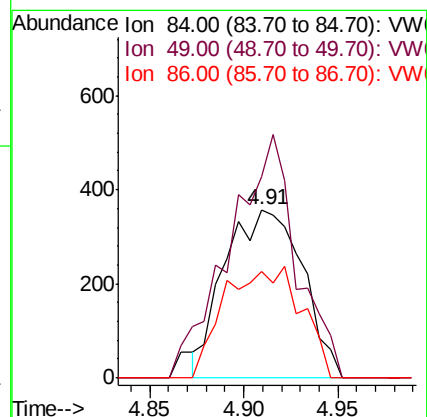
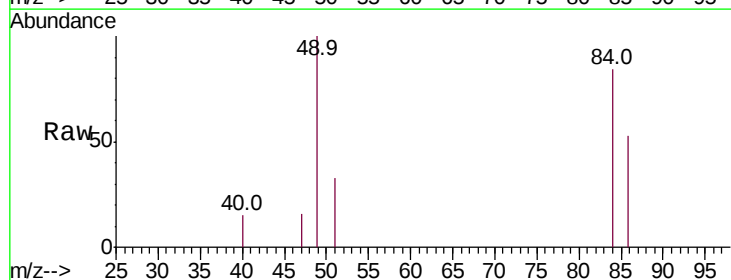
Tgt Ion: 84 Resp: 1023

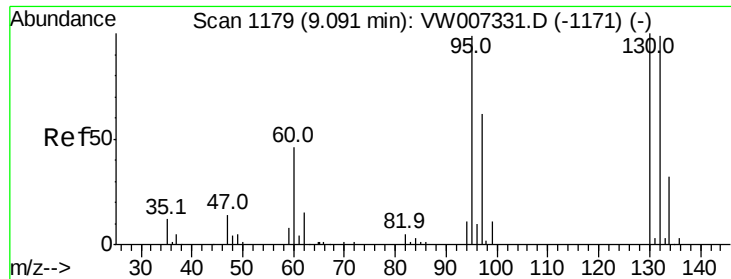
Ion Ratio Lower Upper

84 100

49 119.6 80.8 150.2

86 63.0 45.8 85.2





#35

Trichloroethene

Concen: 2.087 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007407.D

Acq: 11 Dec 2018 19:44

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 1426

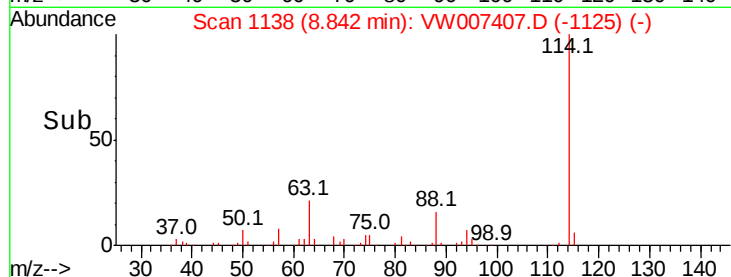
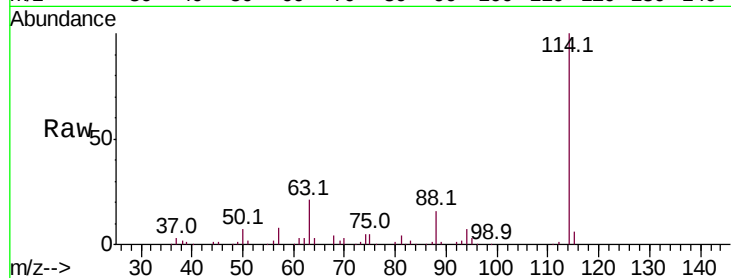
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

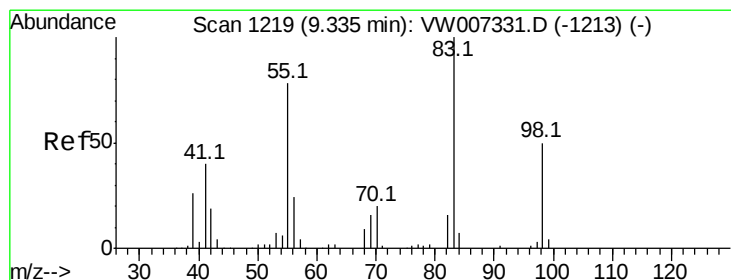
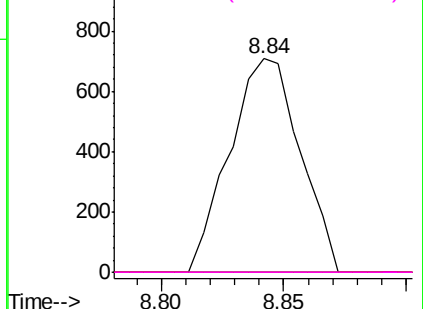


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 3.657 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW007407.D

Acq: 11 Dec 2018 19:44

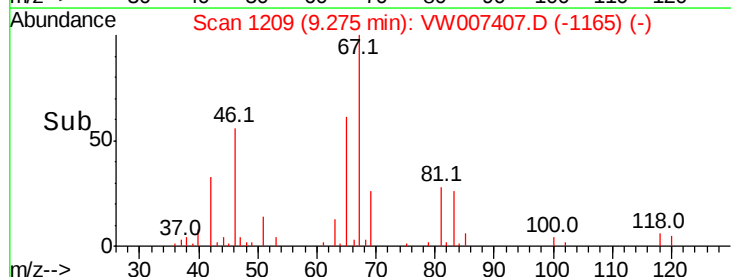
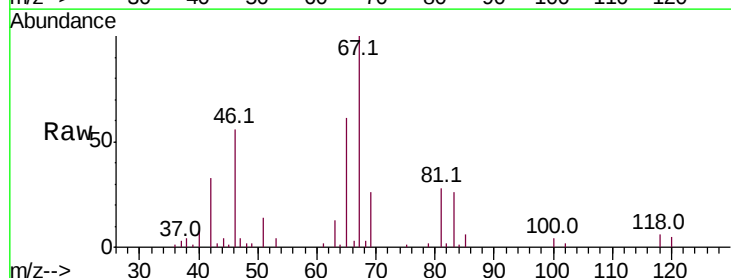
Tgt Ion: 83 Resp: 4313

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.2#

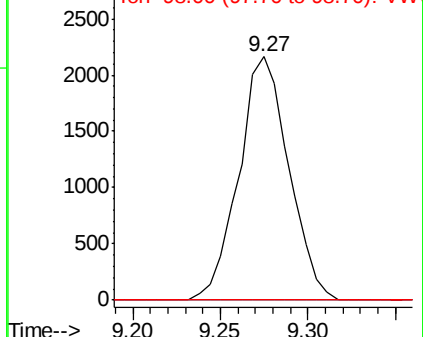
98 0.0 38.1 57.1#

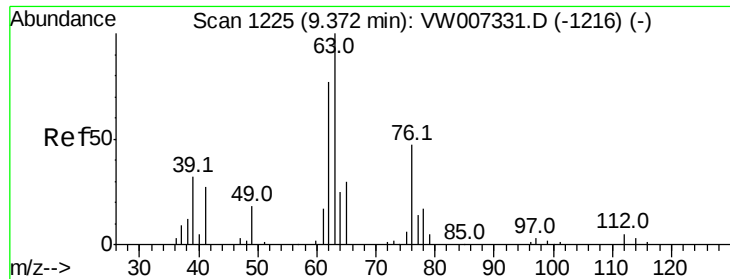


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 3.248 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW007407.D

Acq: 11 Dec 2018 19:44

Instrument :

MSVOA_W

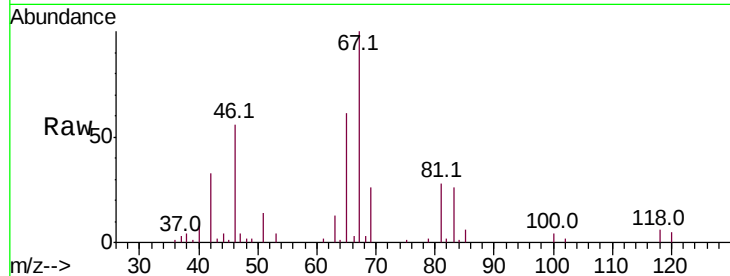
ClientSampleId :

Tot Ion: 63 Resp: 1893

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): VW

9.27

1200

1000

800

600

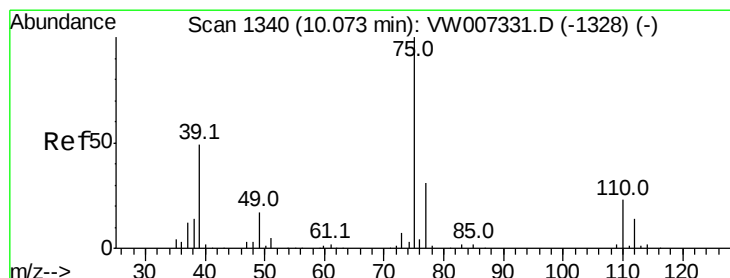
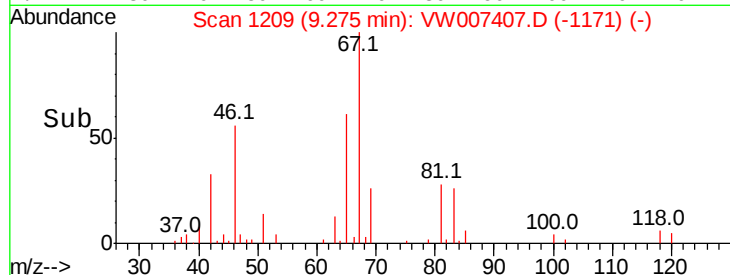
400

200

0

9.25 9.30

Time-->



#42

cis-1,3-Dichloropropene

Concen: 0.567 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW007407.D

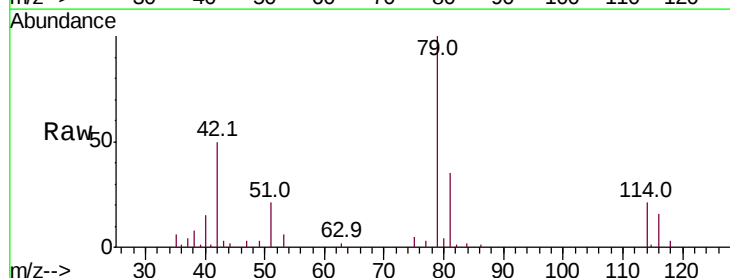
Acq: 11 Dec 2018 19:44

Tgt Ion: 75 Resp: 555

Ion Ratio Lower Upper

75 100

77 62.2 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

300

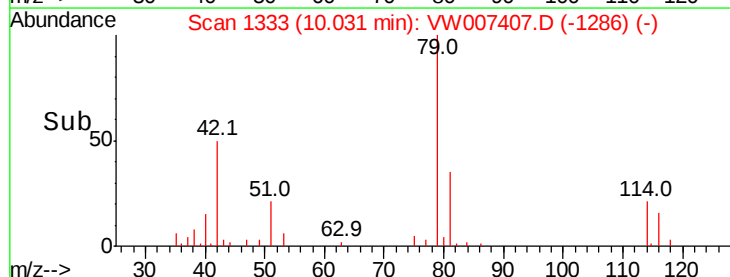
200

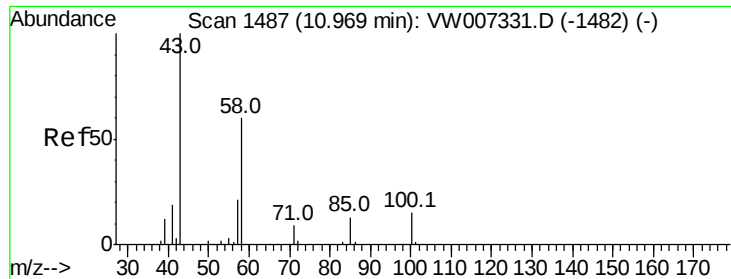
100

0

10.00 10.05

Time-->





#49

2-Hexanone

Concen: 2.363 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW007407.D

Acq: 11 Dec 2018 19:44

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 766

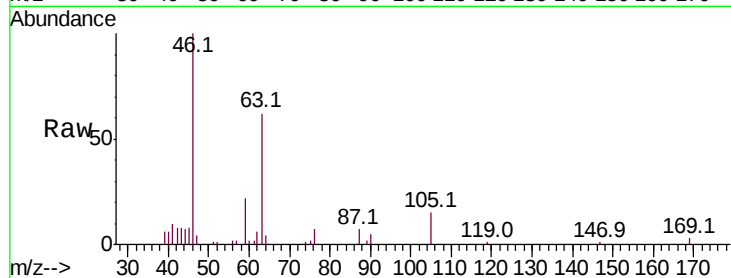
Ion Ratio Lower Upper

43 100

58 10.3 47.2 70.8#

57 18.0 17.6 26.4

100 0.0 12.2 18.2#

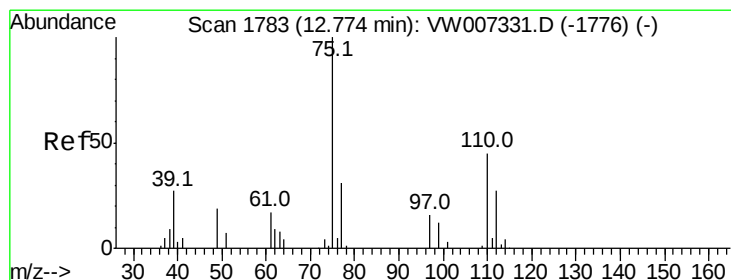
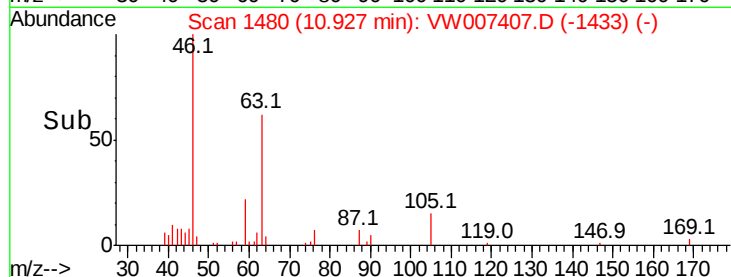
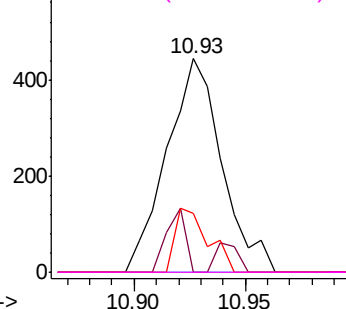


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 4.453 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.79 min

Lab File: VW007407.D

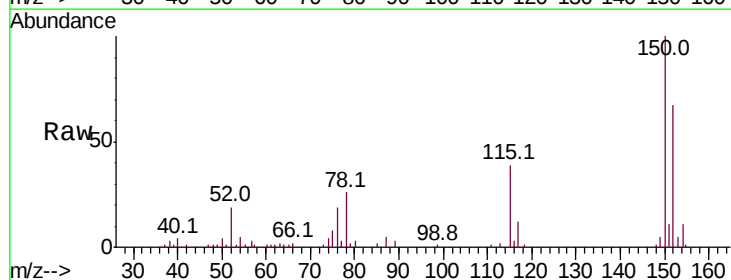
Acq: 11 Dec 2018 19:44

Tgt Ion: 75 Resp: 2097

Ion Ratio Lower Upper

75 100

77 43.9 26.5 39.7#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

