

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121018\
 Data File : VW007361.D
 Acq On : 10 Dec 2018 16:45
 Operator : SY/AP
 Sample : J6297-05
 Misc : 5.80G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 11 01:21:45 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	129202	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	100602	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	42879	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	23787	28.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.08%
7) Chloroethane-d5	2.90	69	18051	25.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.32%
10) 1,1-Dichloroethene-d2	4.01	63	59333	20.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.76%
20) 2-Butanone-d5	7.07	46	18308	34.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.02%
24) Chloroform-d	7.65	84	80534	26.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.72%
26) 1,2-Dichloroethane-d4	8.31	65	46100	26.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.32%
29) Benzene-d6	8.27	84	158105	28.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.76%
33) 1,2-Dichloropropane-d6	9.27	67	43417	27.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.36%
37) Toluene-d8	10.32	98	146243	28.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.20%
38) trans-1,3-Dichloropropene-	10.58	79	18029	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.48%
39) 2-Hexanone-d5	10.93	63	15547	41.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	33966	23.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	38772	25.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.80%

Target Compounds

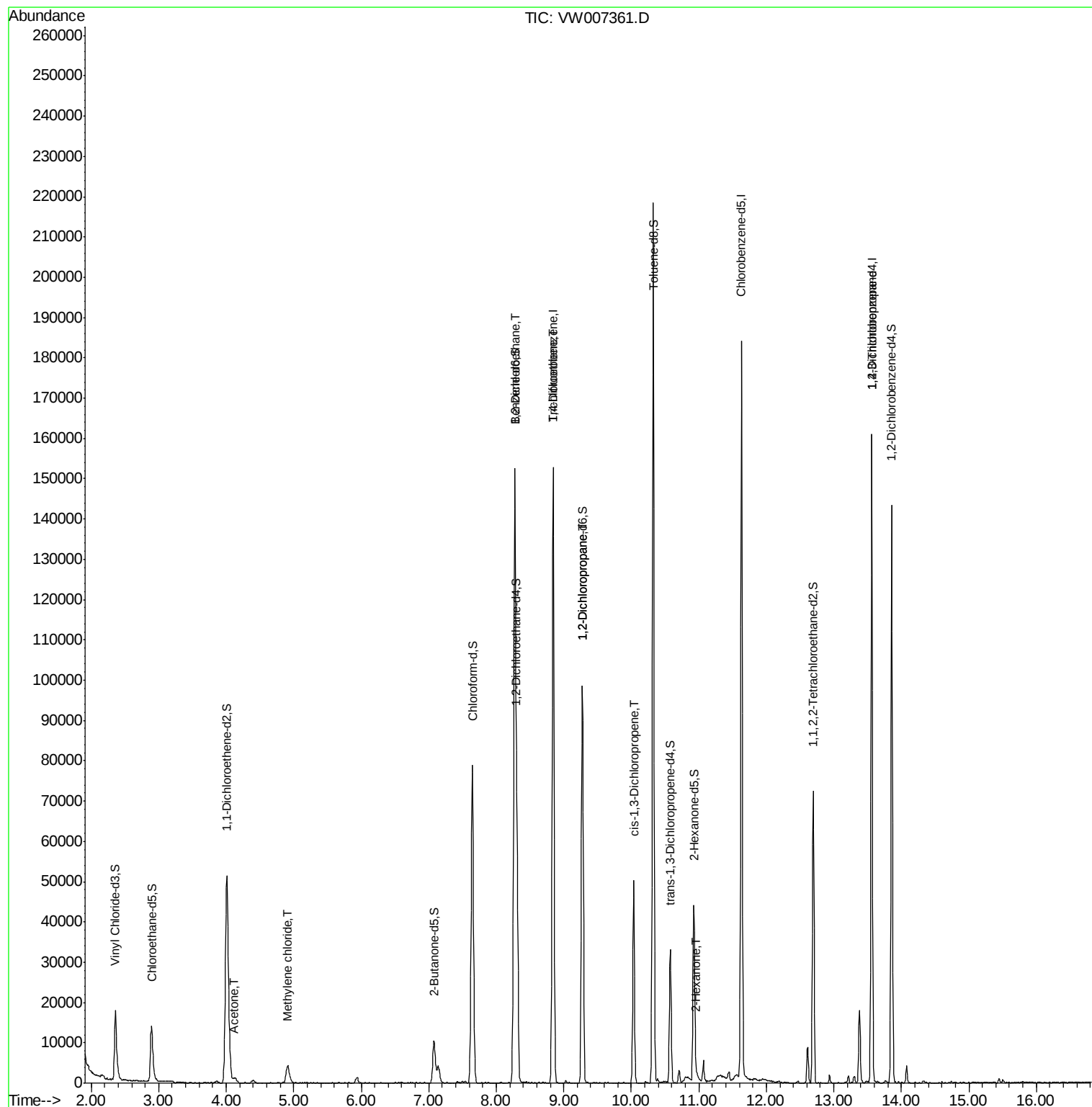
					Ovalue
13) Acetone	4.12	43	1741	2.823 ug/L	65
16) Methylene chloride	4.91	84	3924	1.880 ug/L	97
27) 1,2-Dichloroethane	8.27	62	1029	0.479 ug/L #	76
35) Trichloroethene	8.84	95	3967	2.399 ug/L #	4
40) 1,2-Dichloropropane	9.27	63	5267	3.734 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1347	0.569 ug/L #	72
49) 2-Hexanone	10.96	43	925	1.179 ug/L #	78
59) 1,2,3-Trichloropropane	13.56	75	4718	4.140 ug/L	90

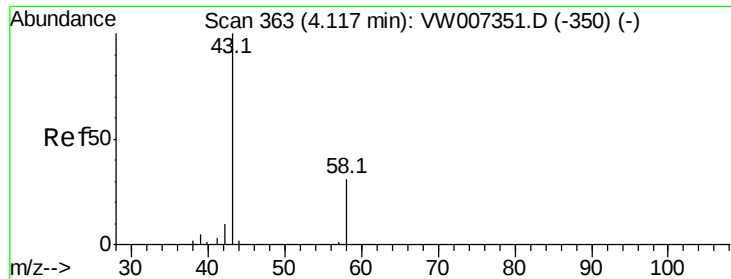
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 11 01:21:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 11 01:18:15 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.823 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007361.D

Acq: 10 Dec 2018 16:45

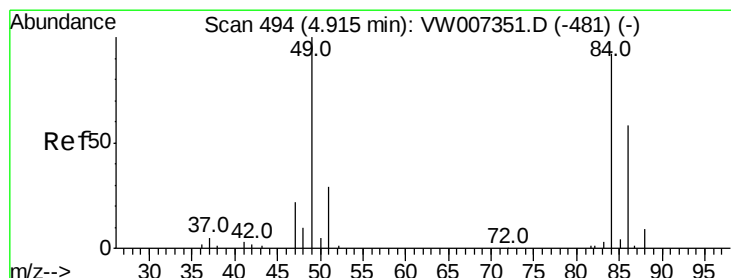
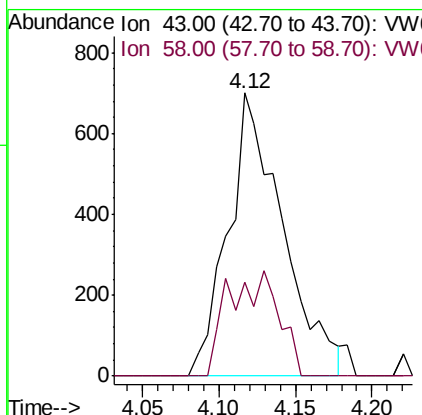
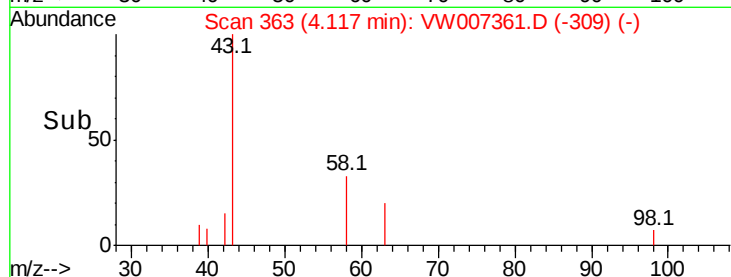
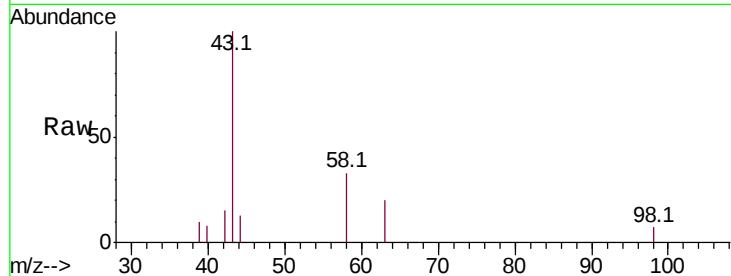
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1741

Ion Ratio Lower Upper

43 100

58 10.9 0.0 59.2



#16

Methylene chloride

Concen: 1.880 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW007361.D

Acq: 10 Dec 2018 16:45

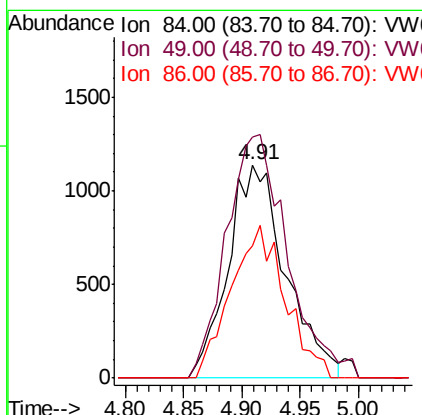
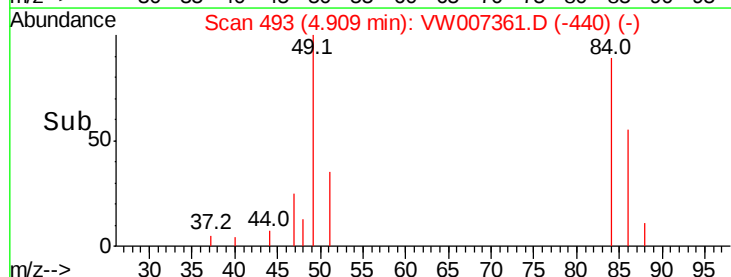
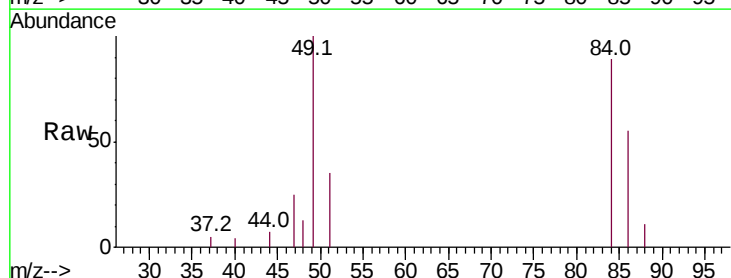
Tgt Ion: 84 Resp: 3924

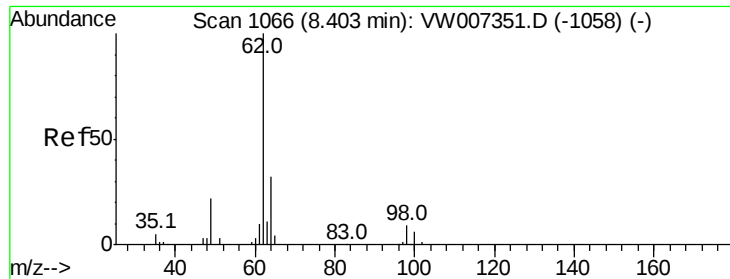
Ion Ratio Lower Upper

84 100

49 112.9 80.8 150.2

86 61.8 45.8 85.2





#27

1,2-Dichloroethane

Concen: 0.479 ug/L

RT: 8.27 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW007361.D

Acq: 10 Dec 2018 16:45

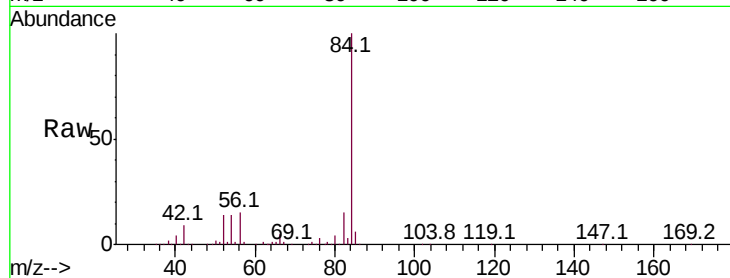
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 62 Resp: 1029

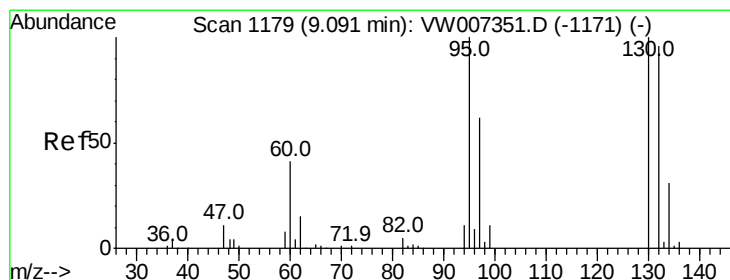
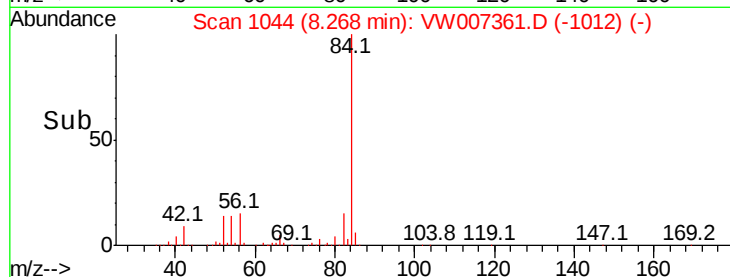
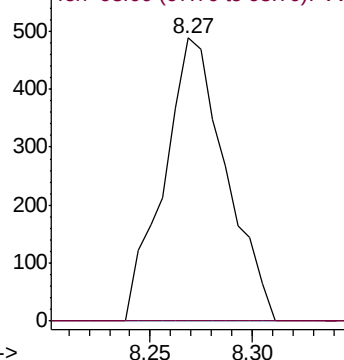
Ion Ratio Lower Upper

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: 2.399 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007361.D

Acq: 10 Dec 2018 16:45

Tgt Ion: 95 Resp: 3967

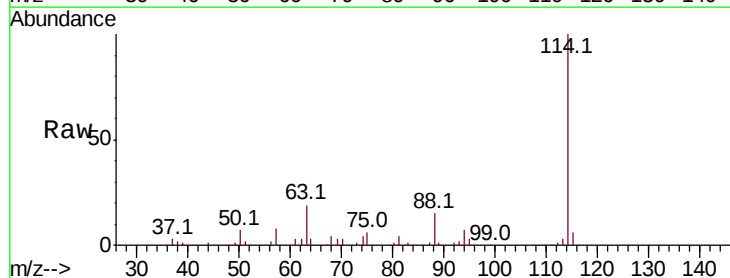
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

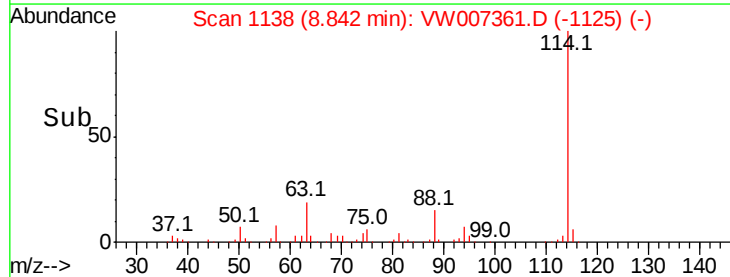
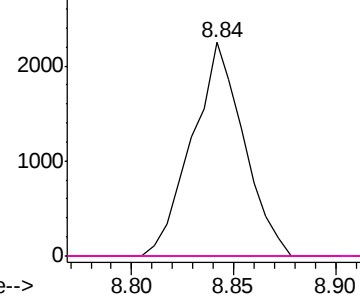


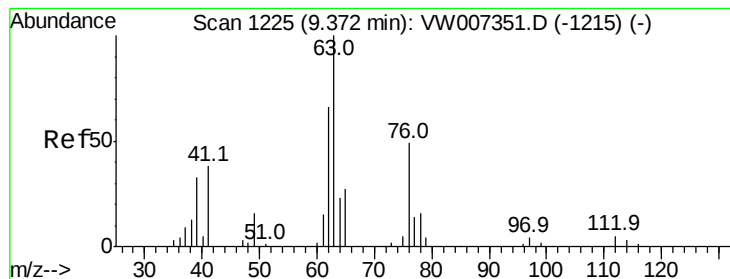
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#40

1,2-Dichloropropane

Concen: 3.734 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW007361.D

Acq: 10 Dec 2018 16:45

Instrument :

MSVOA_W

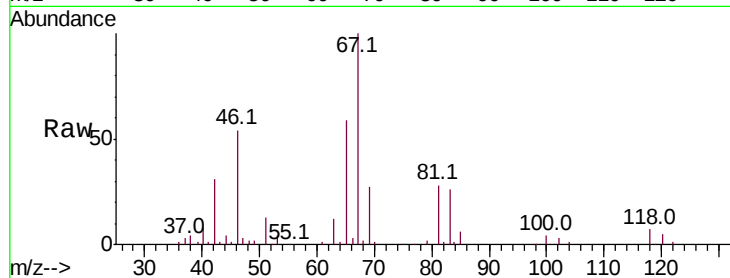
ClientSampleId :

Tot Ion: 63 Resp: 5267

Ion Ratio Lower Upper

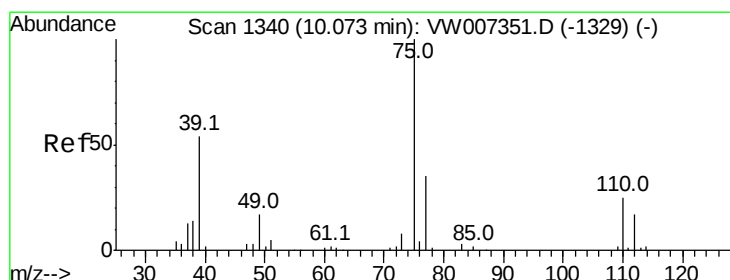
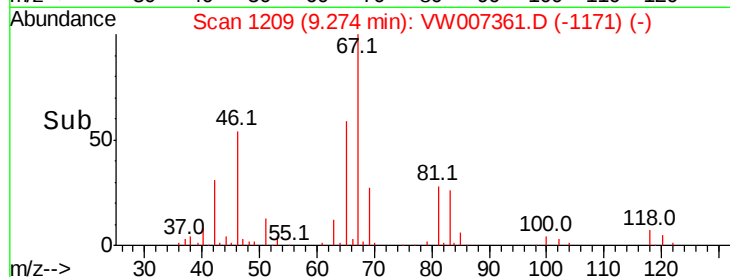
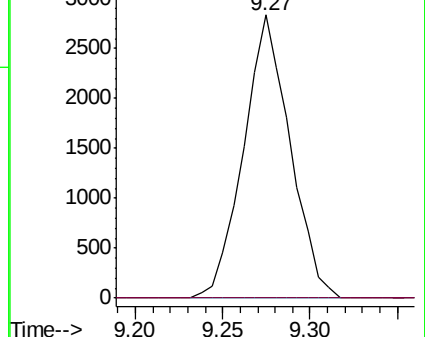
63 100

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



#42

cis-1,3-Dichloropropene

Concen: 0.569 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007361.D

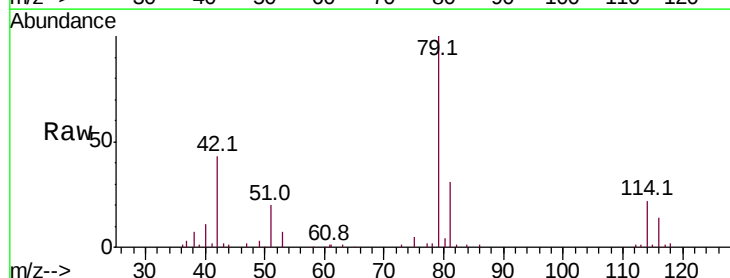
Acq: 10 Dec 2018 16:45

Tgt Ion: 75 Resp: 1347

Ion Ratio Lower Upper

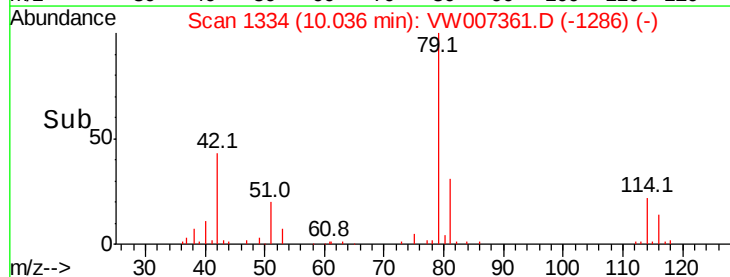
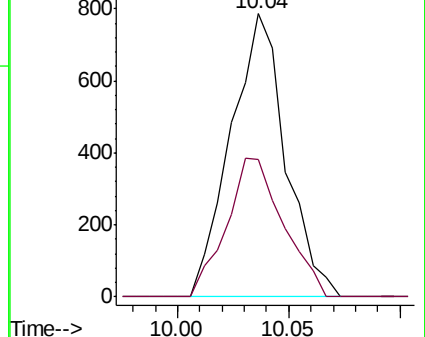
75 100

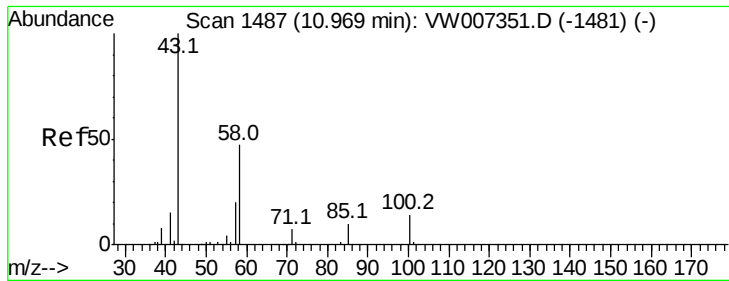
77 48.7 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 1.179 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW007361.D

Acq: 10 Dec 2018 16:45

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 925

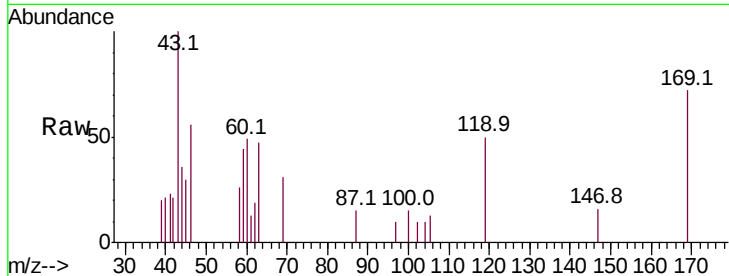
Ion Ratio Lower Upper

43 100

58 39.4 47.2 70.8#

57 10.5 17.6 26.4#

100 15.2 12.2 18.2

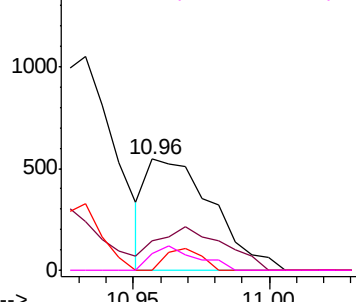


Abundance Ion 43.00 (42.70 to 43.70): VW

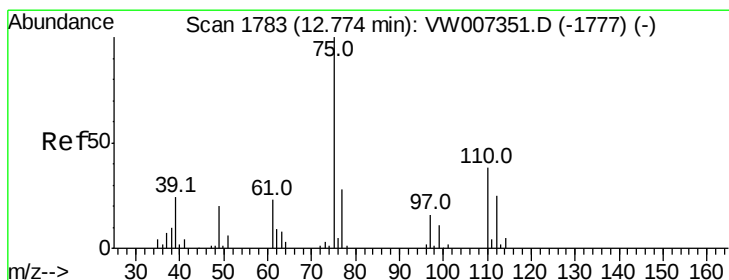
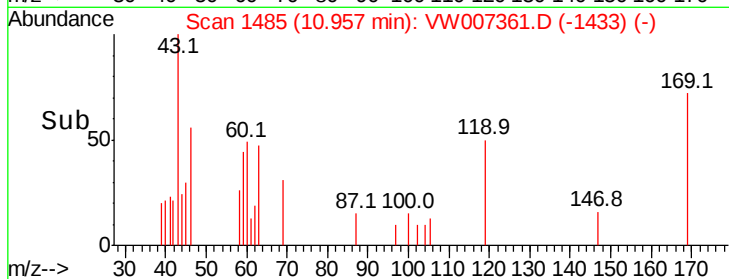
Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time-->



#59

1,2,3-Trichloropropane

Concen: 4.140 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW007361.D

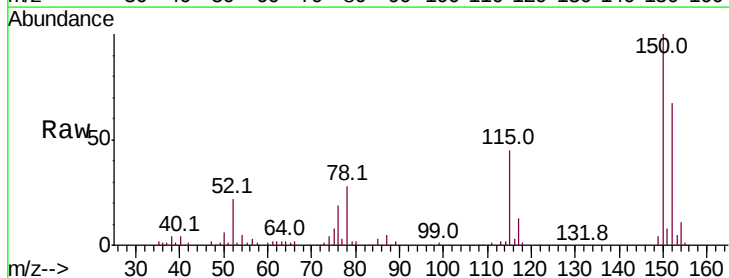
Acq: 10 Dec 2018 16:45

Tgt Ion: 75 Resp: 4718

Ion Ratio Lower Upper

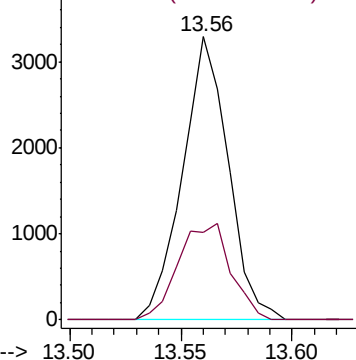
75 100

77 38.9 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



Time-->

