

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120718\
 Data File : VW007323.D
 Acq On : 07 Dec 2018 22:42
 Operator : SY/AP
 Sample : J6236-11
 Misc : 4.34G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9E21

Quant Time: Dec 08 02:07:11 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	135562	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	101739	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	39042	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	27041	30.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.48%
7) Chloroethane-d5	2.89	69	20575	27.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.04%
10) 1,1-Dichloroethene-d2	4.01	63	63664	20.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.60%
20) 2-Butanone-d5	7.08	46	22120	39.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.48%
24) Chloroform-d	7.65	84	83733	26.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.76%
26) 1,2-Dichloroethane-d4	8.31	65	51677	28.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.56%
29) Benzene-d6	8.27	84	168903	30.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.28%
33) 1,2-Dichloropropane-d6	9.27	67	48647	30.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.40%#
37) Toluene-d8	10.32	98	150585	29.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.28%
38) trans-1,3-Dichloropropene-	10.58	79	20219	25.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.32%
39) 2-Hexanone-d5	10.93	63	16849	44.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.78%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	38247	26.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	39474	28.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.96%

Target Compounds

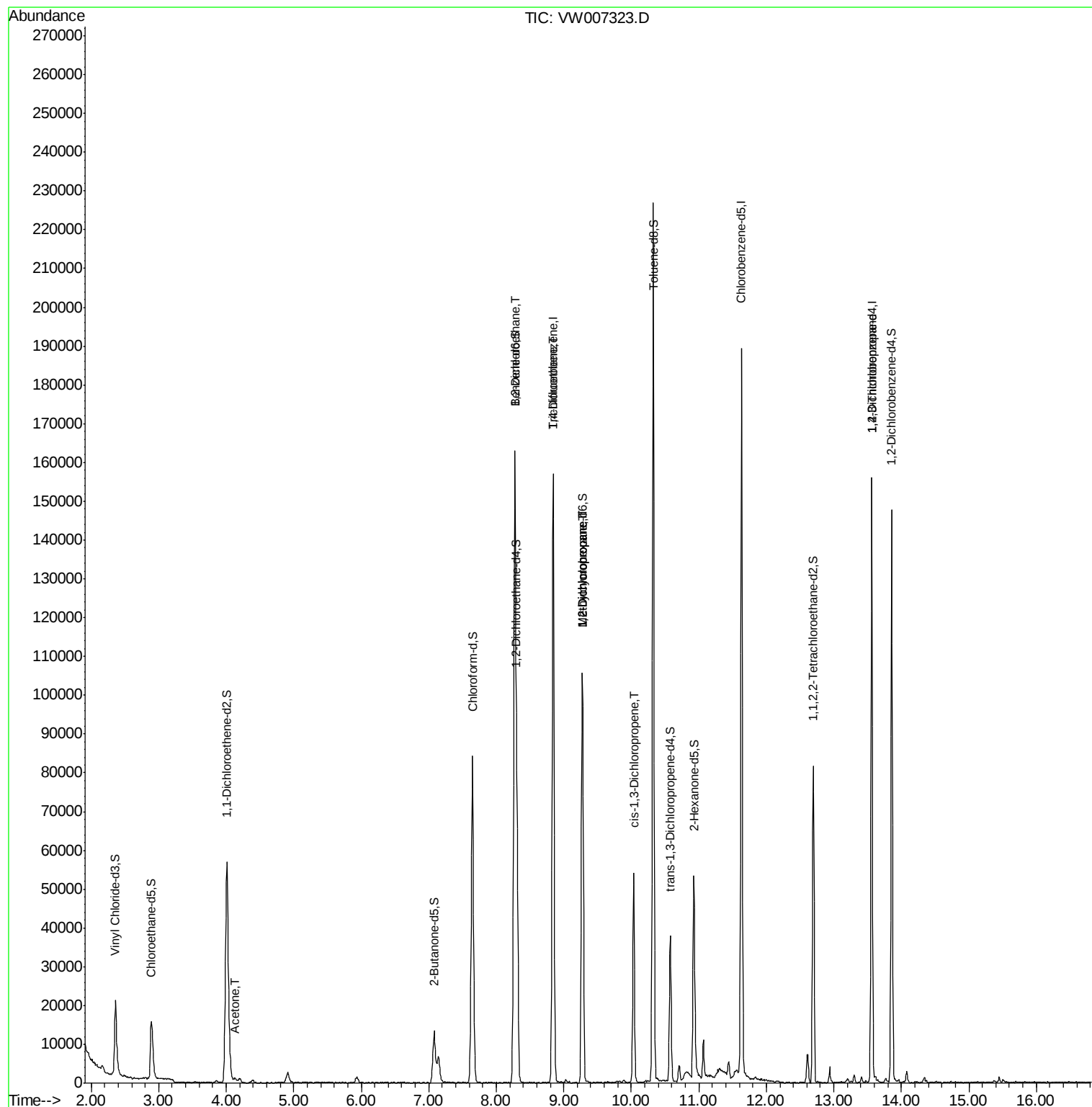
					Ovalue
13) Acetone	4.13	43	1416	2.188 ug/L	77
27) 1,2-Dichloroethane	8.27	62	1010	0.449 ug/L #	76
35) Trichloroethene	8.85	95	4067	2.432 ug/L #	4
36) Methylcyclohexane	9.27	83	12229	4.236 ug/L #	20
40) 1,2-Dichloropropane	9.27	63	5598	3.924 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1372	0.573 ug/L #	77
59) 1,2,3-Trichloropropane	13.56	75	4555	3.952 ug/L	89

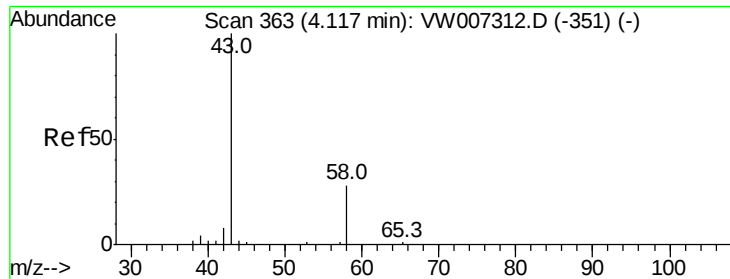
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120718\
Data File : VW007323.D
Acq On : 07 Dec 2018 22:42
Operator : SY/AP
Sample : J6236-11
Misc : 4.34G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9E21

Quant Time: Dec 08 02:07:11 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 08 02:02:23 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.188 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007323.D

Acq: 07 Dec 2018 22:42

Instrument :

MSVOA_W

ClientSampled :

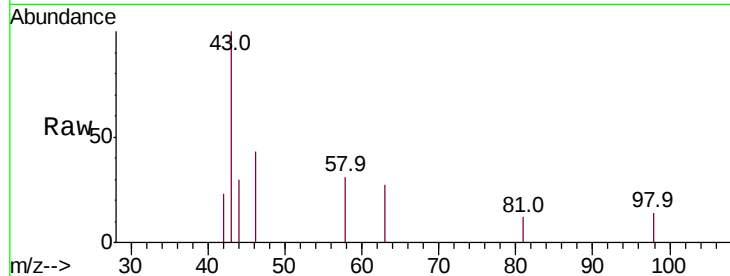
F9E21

Tot Ion: 43 Resp: 1416

Ion Ratio Lower Upper

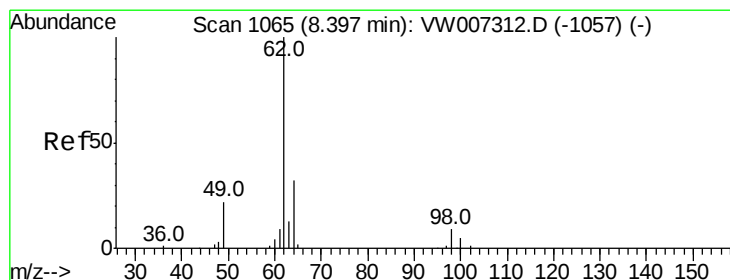
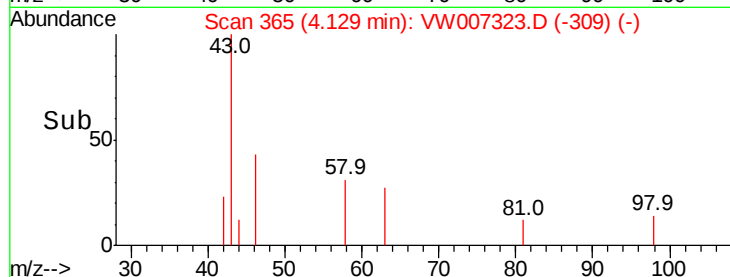
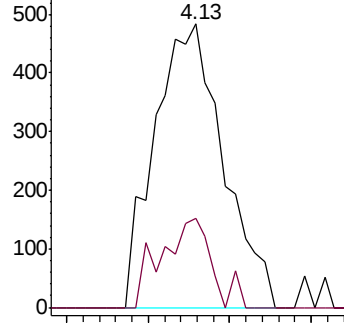
43 100

58 17.2 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: 0.449 ug/L

RT: 8.27 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW007323.D

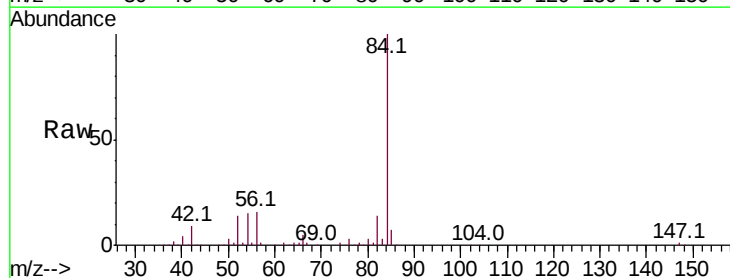
Acq: 07 Dec 2018 22:42

Tgt Ion: 62 Resp: 1010

Ion Ratio Lower Upper

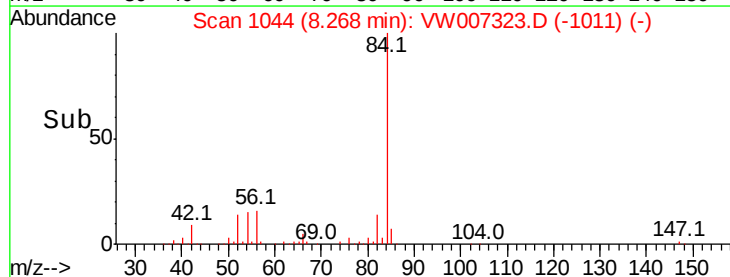
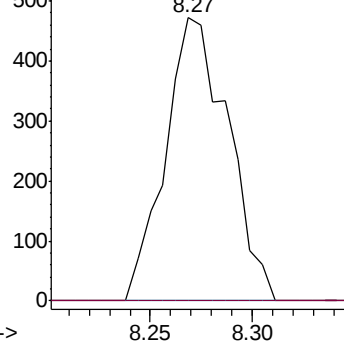
62 100

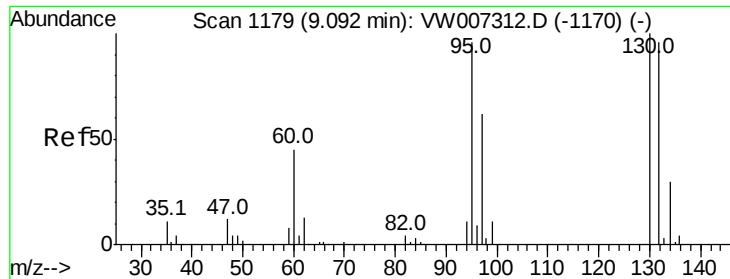
98 0.0 6.9 10.3#



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 2.432 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW007323.D

Acq: 07 Dec 2018 22:42

Instrument :

MSVOA_W

ClientSampled :

F9E21

Tot Ion: 95 Resp: 4067

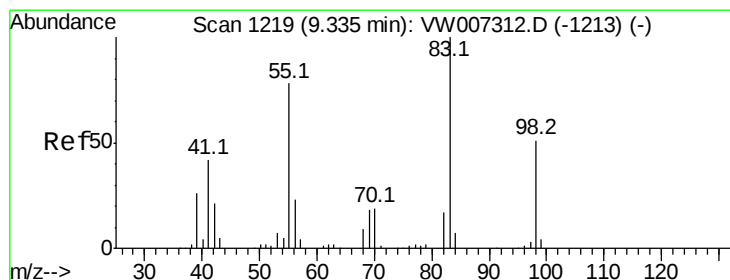
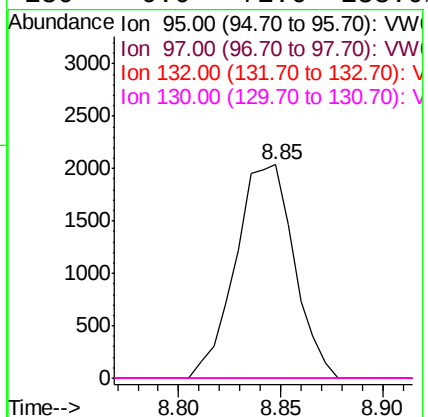
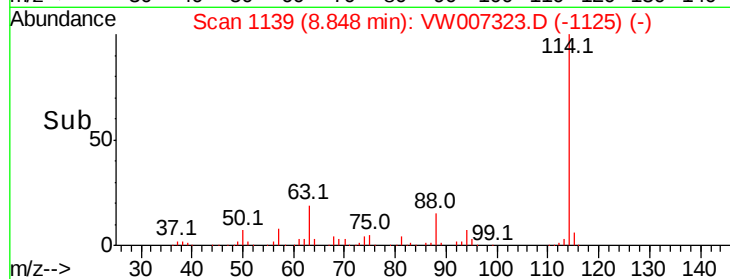
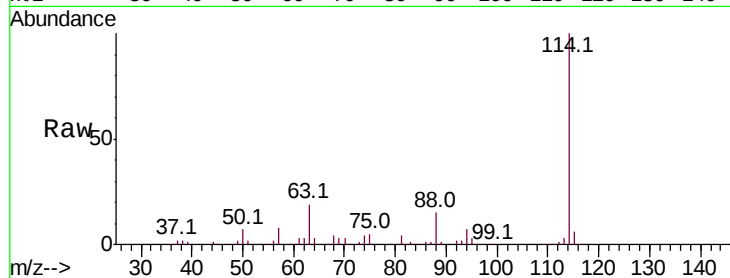
Ion Ratio Lower Upper

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: 4.236 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW007323.D

Acq: 07 Dec 2018 22:42

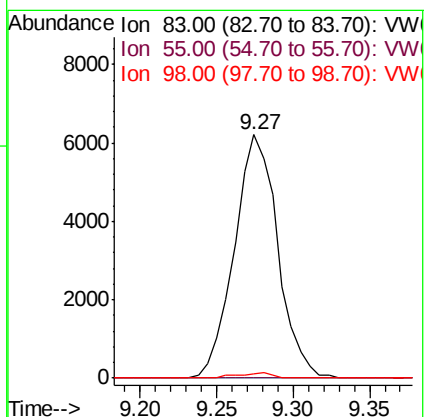
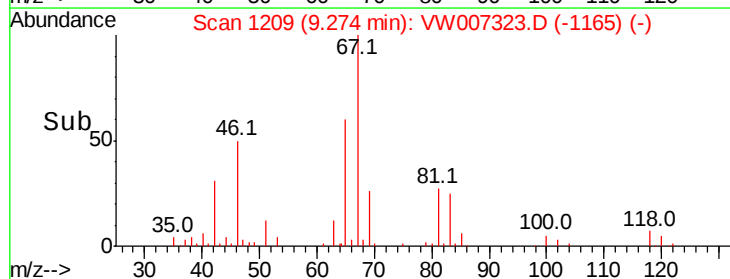
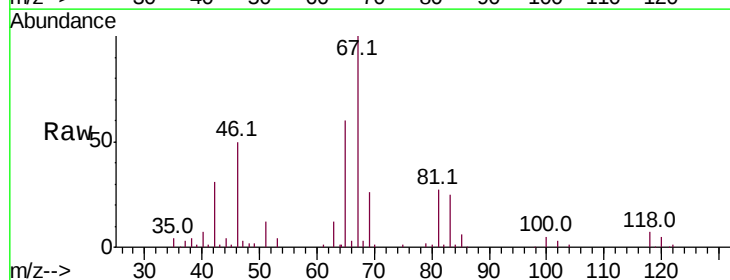
Tgt Ion: 83 Resp: 12229

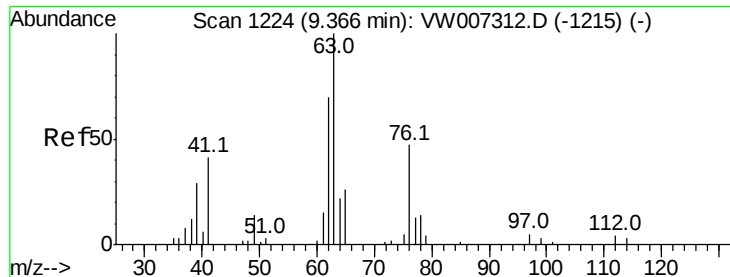
Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.2#

98 1.6 38.1 57.1#





#40

1,2-Dichloropropane

Concen: 3.924 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW007323.D

Acq: 07 Dec 2018 22:42

Instrument :

MSVOA_W

ClientSampleId :

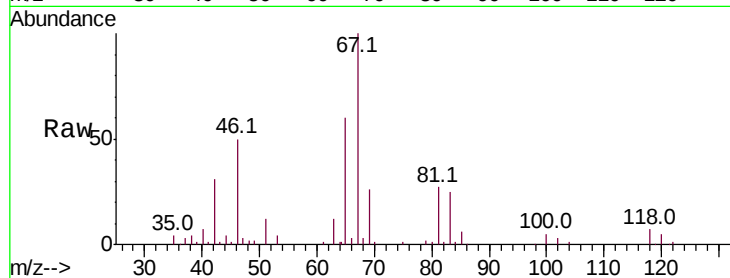
F9E21

Tot Ion: 63 Resp: 5598

Ion Ratio Lower Upper

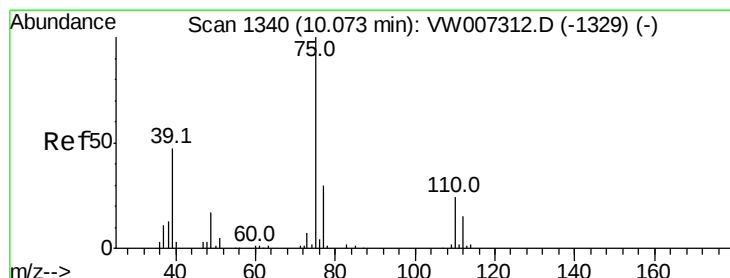
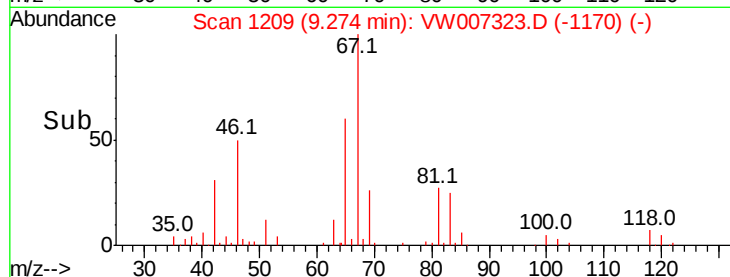
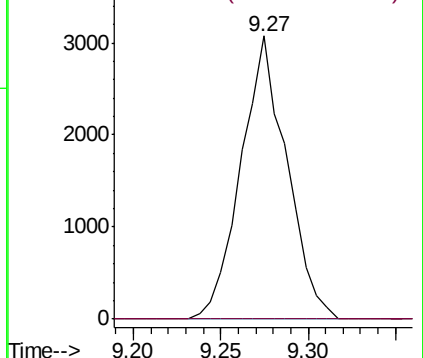
63 100

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: 0.573 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW007323.D

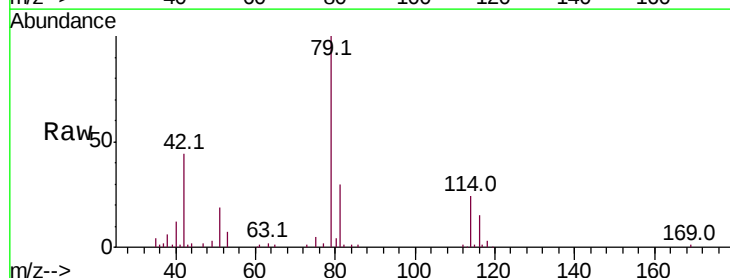
Acq: 07 Dec 2018 22:42

Tgt Ion: 75 Resp: 1372

Ion Ratio Lower Upper

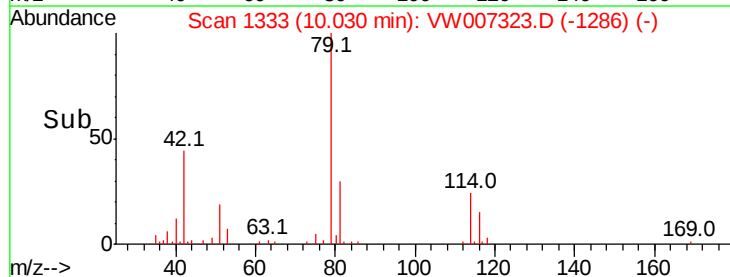
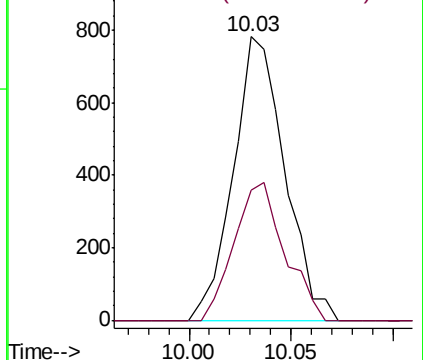
75 100

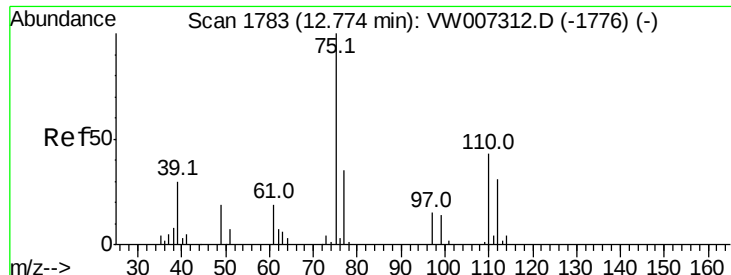
77 45.7 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 3.952 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW007323.D

Acq: 07 Dec 2018 22:42

Instrument :

MSVOA_W

ClientSampleId :

F9E21

Tot Ion: 75 Resp: 4555

Ion Ratio Lower Upper

75 100

77 39.4 26.5 39.7

