

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
 Data File : VW007339.D
 Acq On : 08 Dec 2018 06:54
 Operator : SY/AP
 Sample : J6270-08
 Misc : 6.53G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9E07

Quant Time: Dec 10 05:55:12 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	131911	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	113584	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	51604	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	24049	27.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.96%
7) Chloroethane-d5	2.89	69	17790	24.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.80%
10) 1,1-Dichloroethene-d2	4.01	63	55079	18.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.36%
20) 2-Butanone-d5	7.08	46	17489	32.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.58%
24) Chloroform-d	7.65	84	72656	23.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	8.31	65	41665	23.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.12%
29) Benzene-d6	8.27	84	147107	23.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.40%
33) 1,2-Dichloropropane-d6	9.27	67	40011	22.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.92%
37) Toluene-d8	10.32	98	137605	23.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.16%
38) trans-1,3-Dichloropropene-	10.58	79	18038	20.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.16%
39) 2-Hexanone-d5	10.93	63	12766	30.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	31227	19.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	41219	22.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.84%

Target Compounds

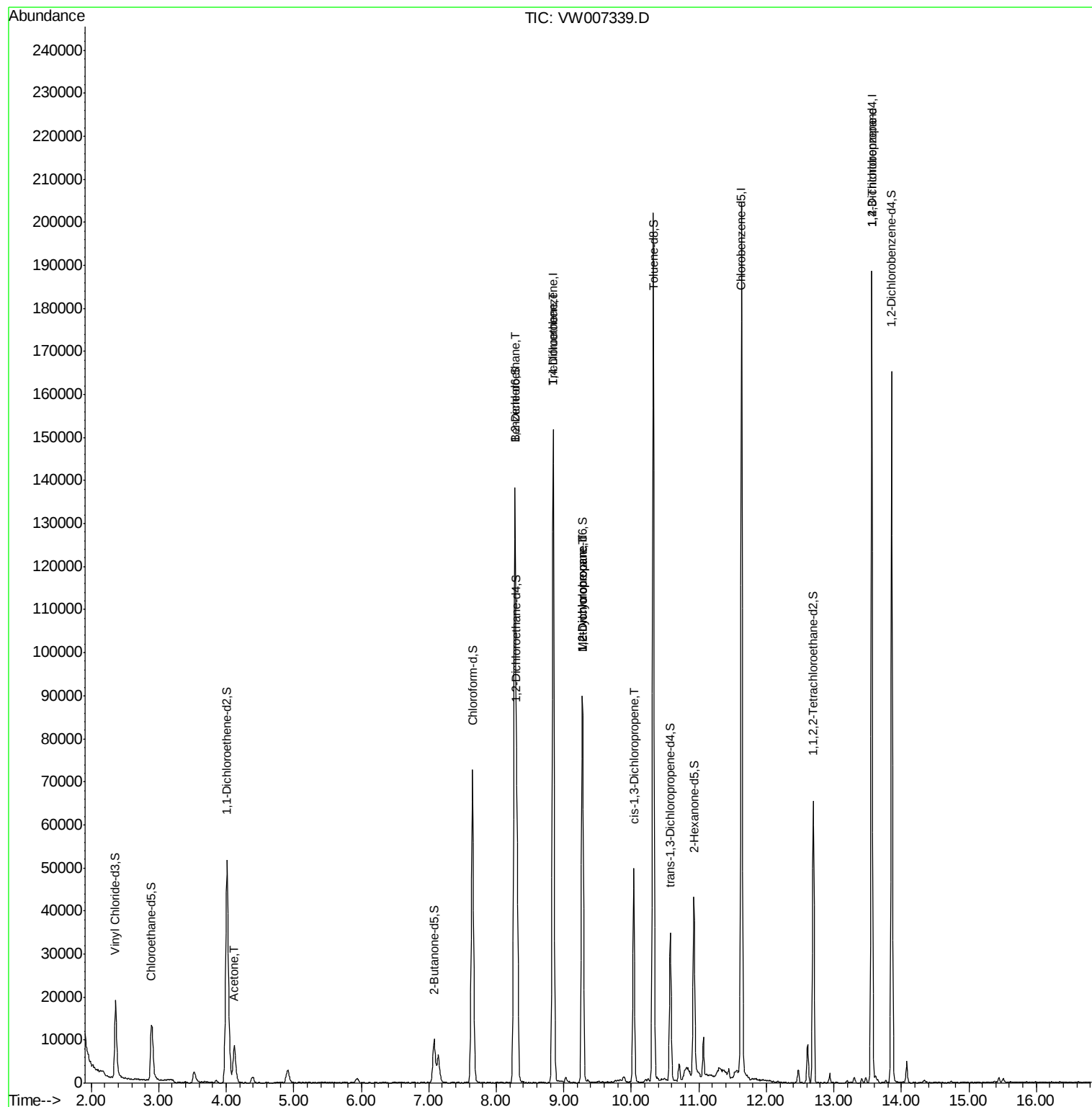
					Qvalue
13) Acetone	4.12	43	14625	23.223 ug/L	100
27) 1,2-Dichloroethane	8.27	62	933	0.426 ug/L #	76
35) Trichloroethene	8.84	95	4178	2.238 ug/L #	4
36) Methylcyclohexane	9.27	83	10824	3.359 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	4573	2.871 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1255	0.469 ug/L #	62
59) 1,2,3-Trichloropropene	13.56	75	5692	4.423 ug/L	90

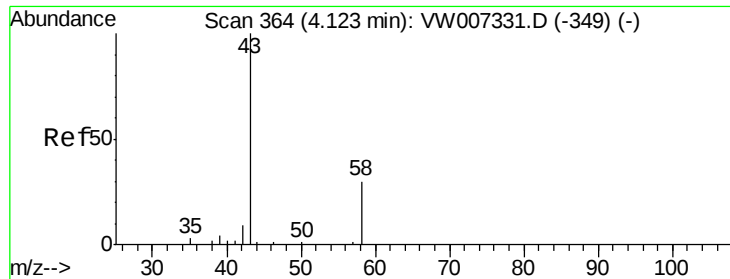
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 10 05:52:22 2018
Response via : Initial Calibration





#13

Acetone

Concen: 23.223 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW007339.D

Acq: 08 Dec 2018 06:54

Instrument :

MSVOA_W

ClientSampleId :

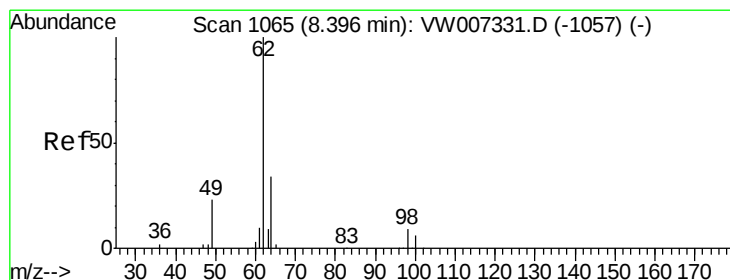
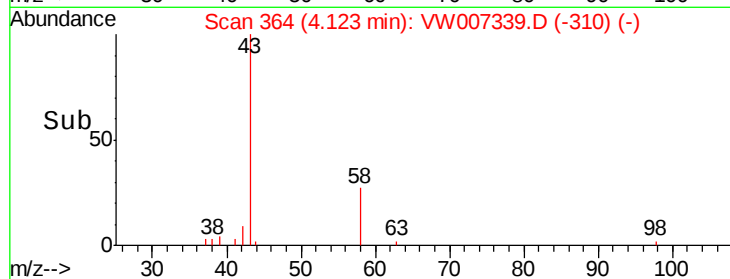
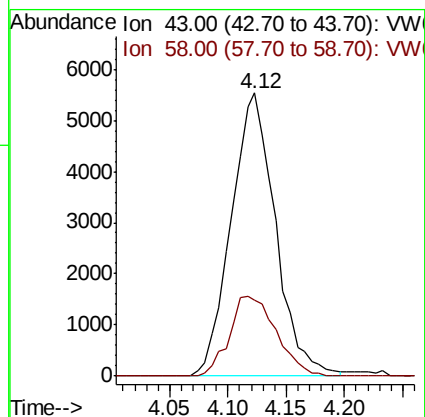
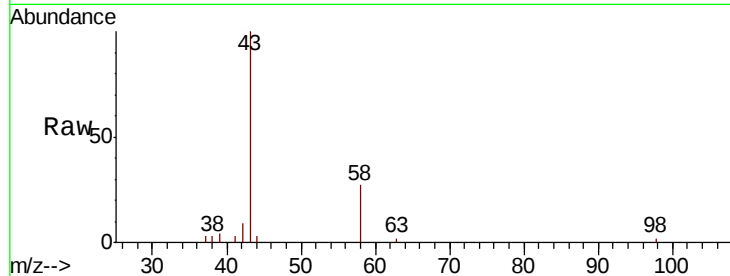
F9E07

Tgt Ion: 43 Resp: 14625

Ion Ratio Lower Upper

43 100

58 29.8 0.0 59.2



#27

1,2-Dichloroethane

Concen: 0.426 ug/L

RT: 8.27 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW007339.D

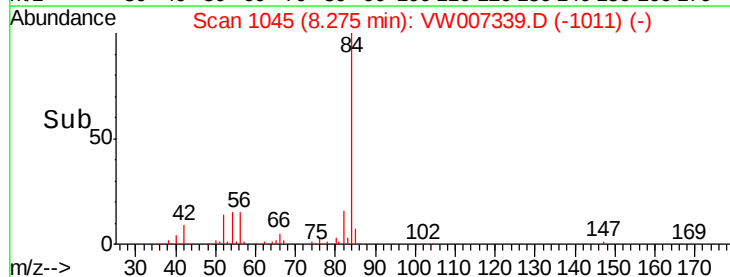
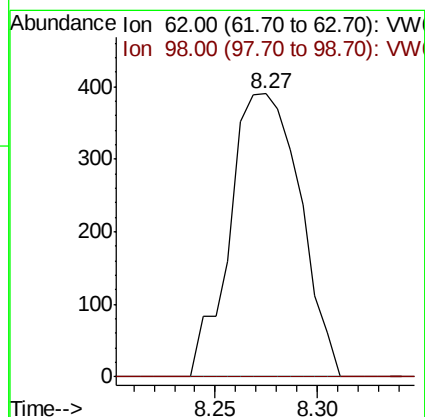
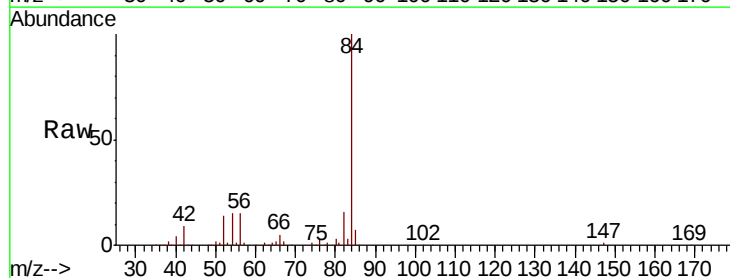
Acq: 08 Dec 2018 06:54

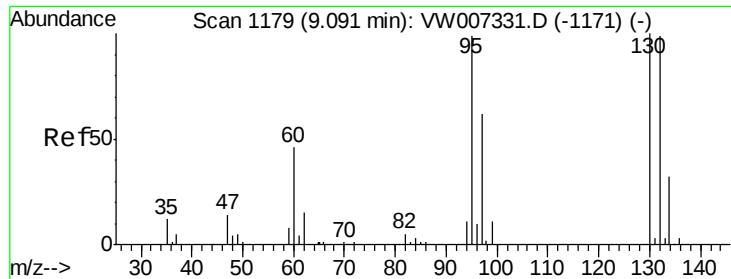
Tgt Ion: 62 Resp: 933

Ion Ratio Lower Upper

62 100

98 0.0 6.9 10.3#





#35

Trichloroethene

Concen: 2.238 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007339.D

Acq: 08 Dec 2018 06:54

Instrument :

MSVOA_W

ClientSampleId :

F9E07

Tgt Ion: 95 Resp: 4178

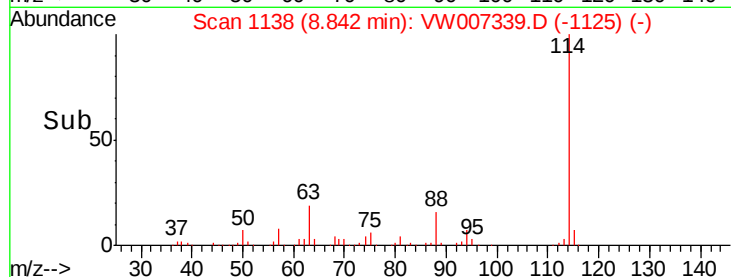
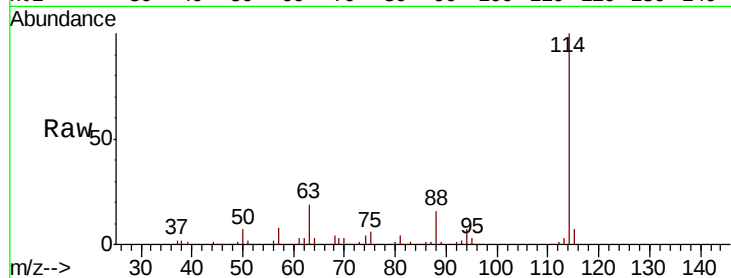
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

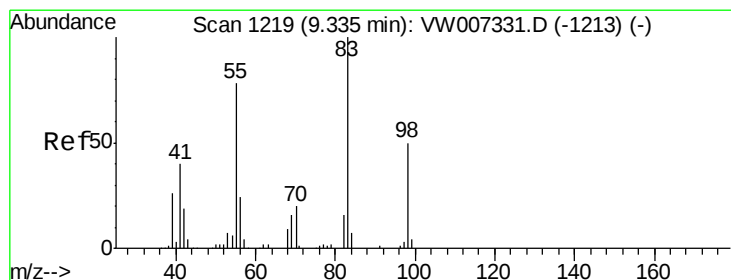
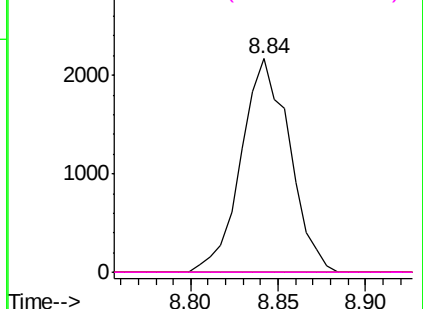


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.359 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW007339.D

Acq: 08 Dec 2018 06:54

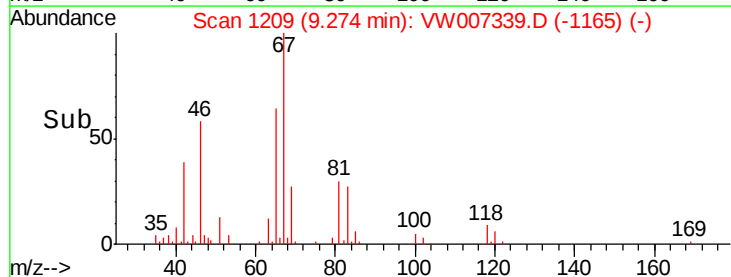
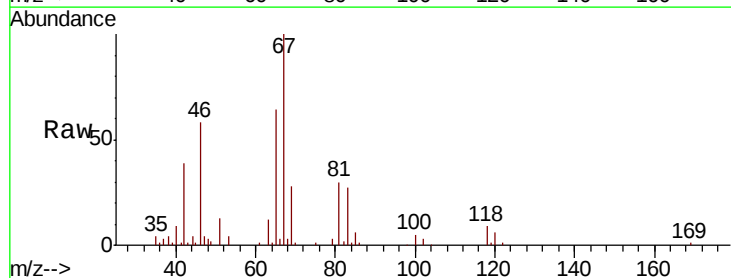
Tgt Ion: 83 Resp: 10824

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.2#

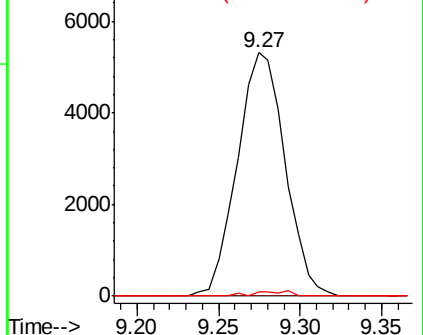
98 0.8 38.1 57.1#

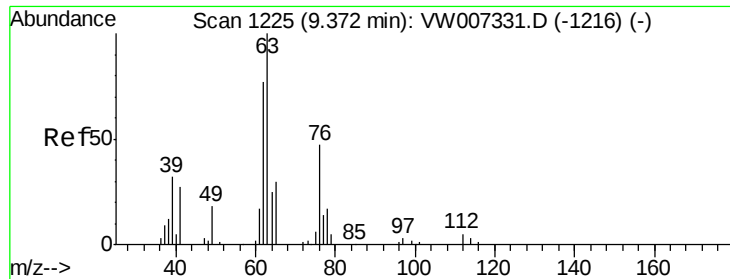


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 2.871 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW007339.D

Acq: 08 Dec 2018 06:54

Instrument :

MSVOA_W

ClientSampleId :

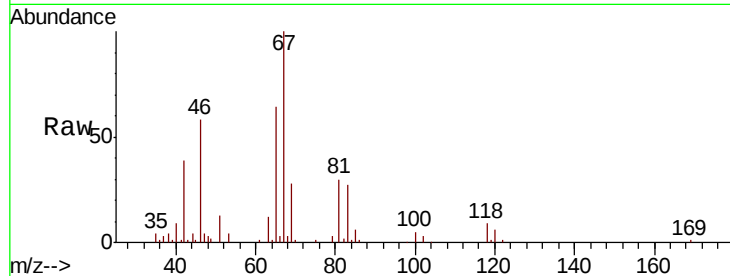
F9E07

Tgt Ion: 63 Resp: 4573

Ion Ratio Lower Upper

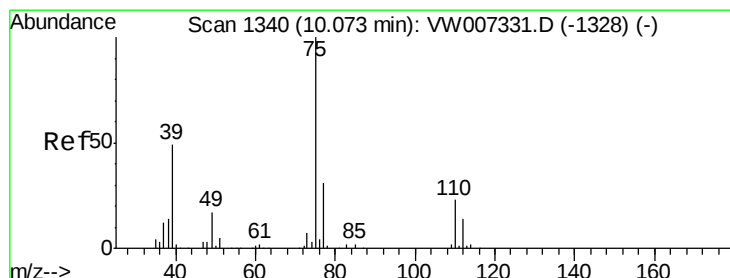
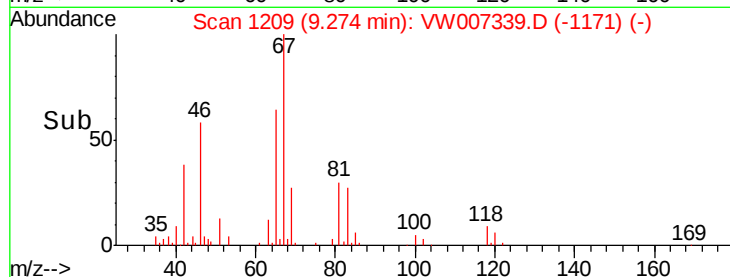
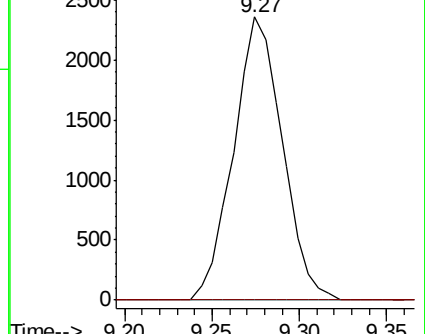
63 100

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: 0.469 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW007339.D

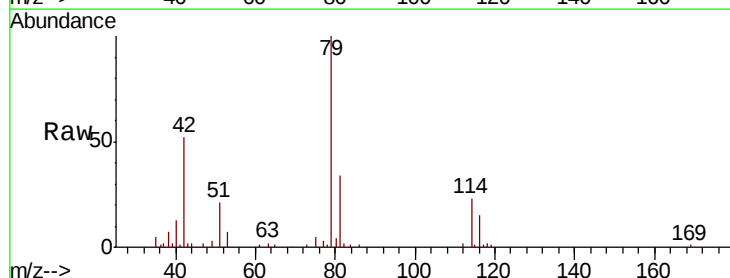
Acq: 08 Dec 2018 06:54

Tgt Ion: 75 Resp: 1255

Ion Ratio Lower Upper

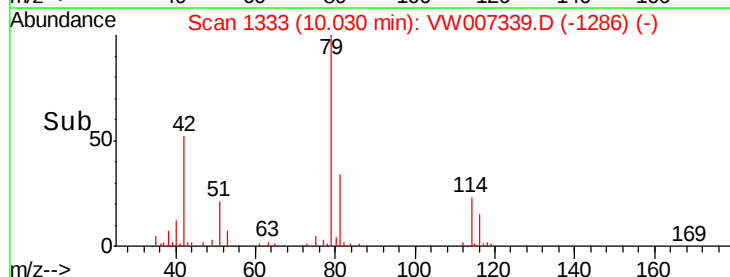
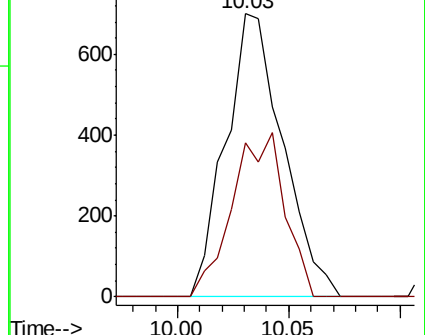
75 100

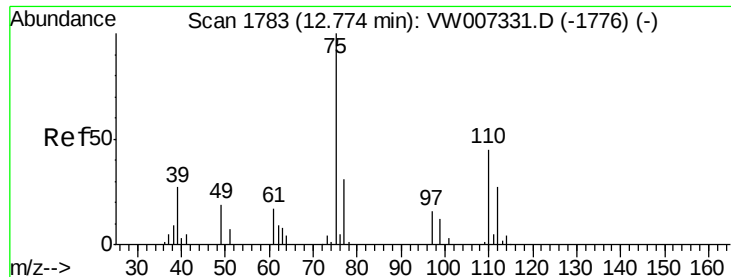
77 54.4 23.0 42.6#



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: 4.423 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW007339.D

Acq: 08 Dec 2018 06:54

Instrument :

MSVOA_W

ClientSampleId :

F9E07

Tgt Ion: 75 Resp: 5692

Ion Ratio Lower Upper

75 100

77 38.5 26.5 39.7

