

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120718\
 Data File : VW007327.D
 Acq On : 08 Dec 2018 00:26
 Operator : SY/AP
 Sample : J6299-04
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9F23

Quant Time: Dec 08 02:07:40 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	128252	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	103711	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	40708	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	23939	28.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.64%
7) Chloroethane-d5	2.89	69	18823	26.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.44%
10) 1,1-Dichloroethene-d2	4.01	63	57623	20.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.00%
20) 2-Butanone-d5	7.08	46	16935	32.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.32%
24) Chloroform-d	7.65	84	79389	26.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.96%
26) 1,2-Dichloroethane-d4	8.31	65	47207	27.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.68%
29) Benzene-d6	8.27	84	155788	27.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.64%
33) 1,2-Dichloropropane-d6	9.27	67	45391	28.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.96%
37) Toluene-d8	10.32	98	140782	26.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.64%
38) trans-1,3-Dichloropropene-	10.58	79	16513	20.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.36%
39) 2-Hexanone-d5	10.93	63	10551	27.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	31233	21.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	37103	25.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.64%

Target Compounds

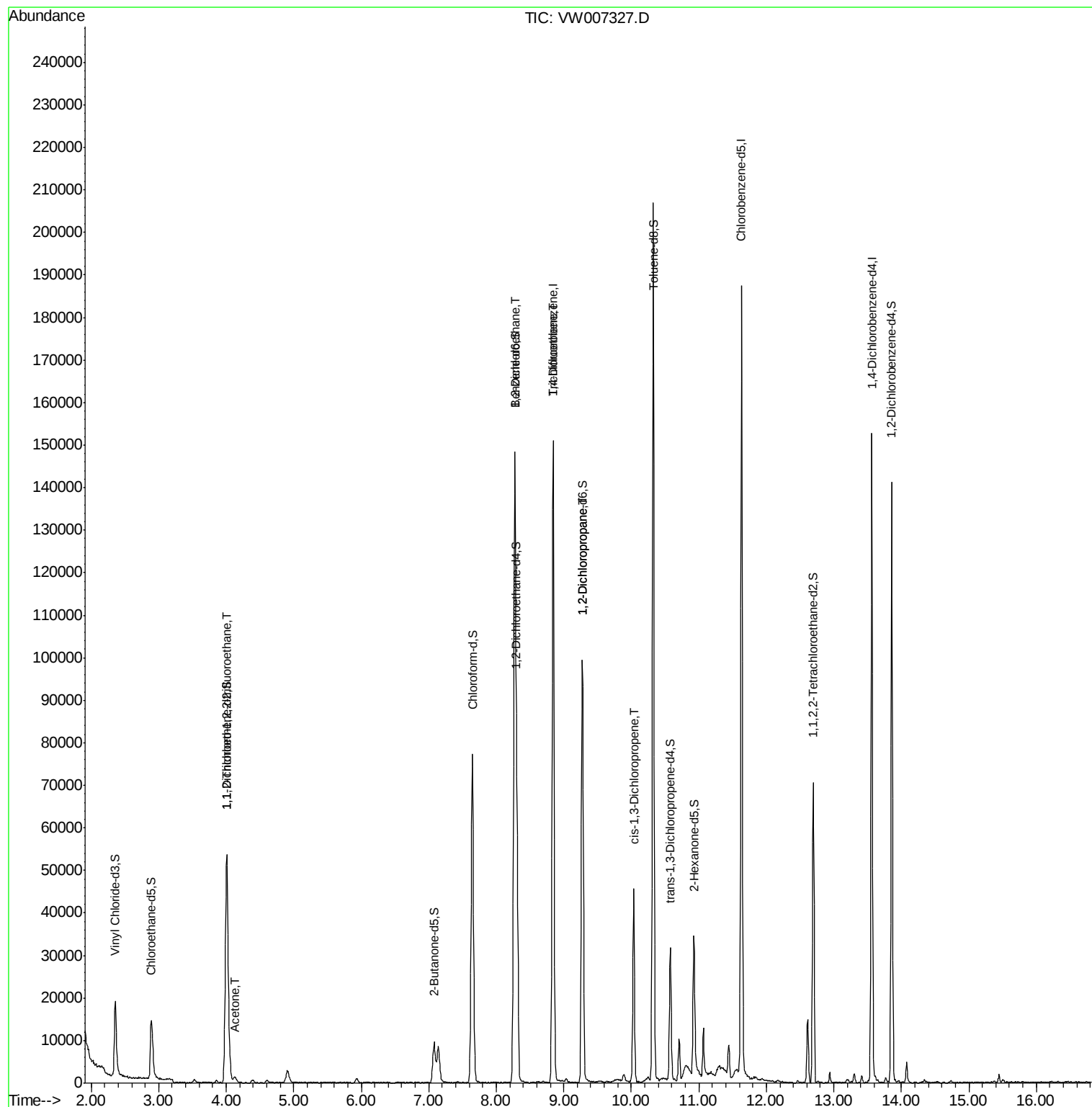
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	571	0.353 ug/L #	17
13) Acetone	4.12	43	1975	3.226 ug/L	80
27) 1,2-Dichloroethane	8.27	62	1016	0.477 ug/L #	76
35) Trichloroethene	8.84	95	4062	2.383 ug/L #	4
40) 1,2-Dichloropropane	9.27	63	5399	3.713 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1194	0.489 ug/L #	77

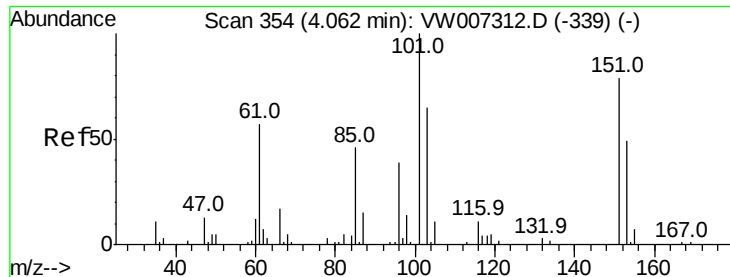
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.353 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.05 min

Lab File: VW007327.D

Acq: 08 Dec 2018 00:26

Instrument :

MSVOA_W

ClientSampled :

F9F23

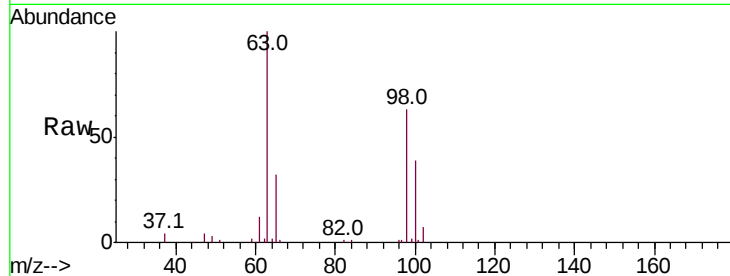
Tot Ion:101 Resp: 571

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

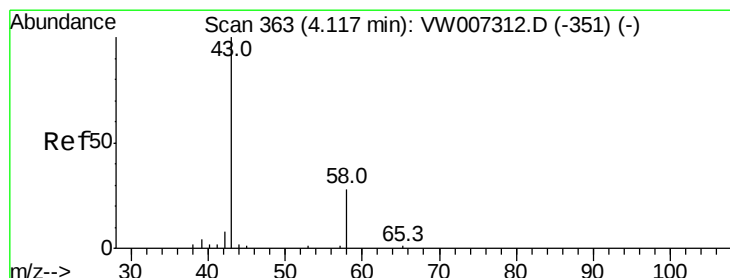
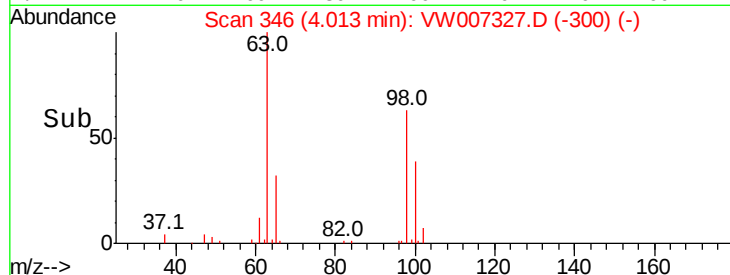
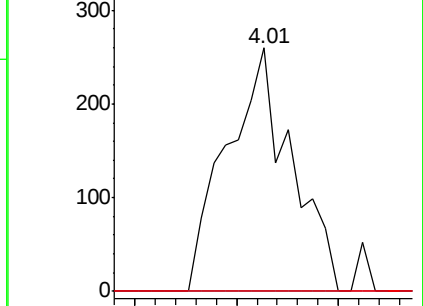
151 0.0 64.8 97.2#



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: 3.226 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007327.D

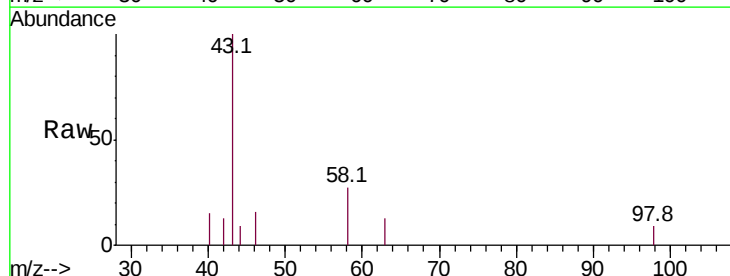
Acq: 08 Dec 2018 00:26

Tgt Ion: 43 Resp: 1975

Ion Ratio Lower Upper

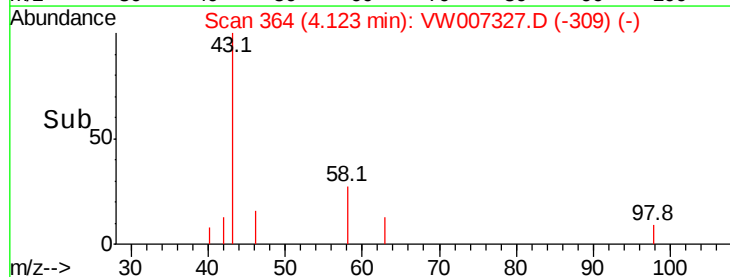
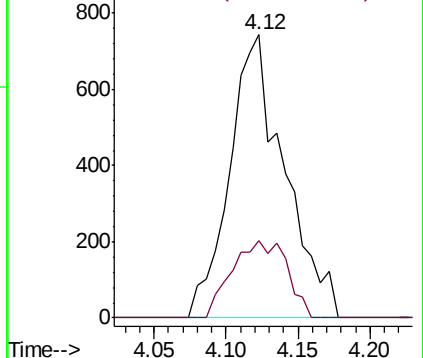
43 100

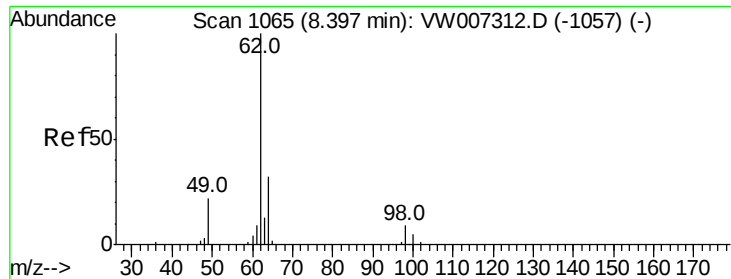
58 18.6 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#27

1,2-Dichloroethane

Concen: 0.477 ug/L

RT: 8.27 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW007327.D

Acq: 08 Dec 2018 00:26

Instrument :

MSVOA_W

ClientSampleId :

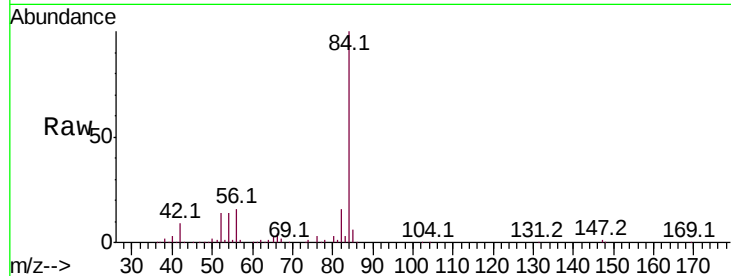
F9F23

Tot Ion: 62 Resp: 1016

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

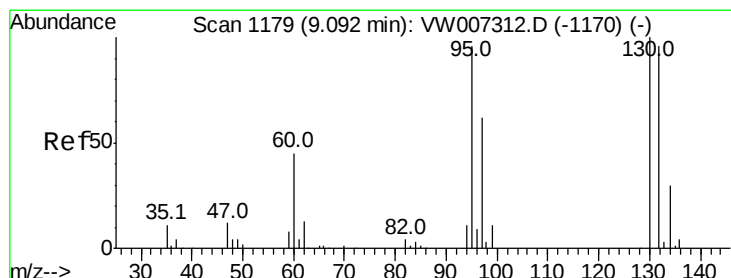
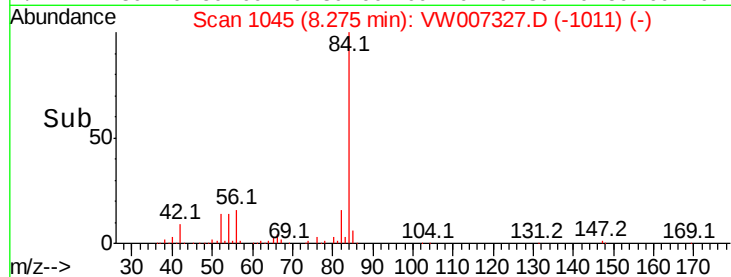
200

100

0

8.25 8.30

Time-->



#35

Trichloroethene

Concen: 2.383 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007327.D

Acq: 08 Dec 2018 00:26

Tgt Ion: 95 Resp: 4062

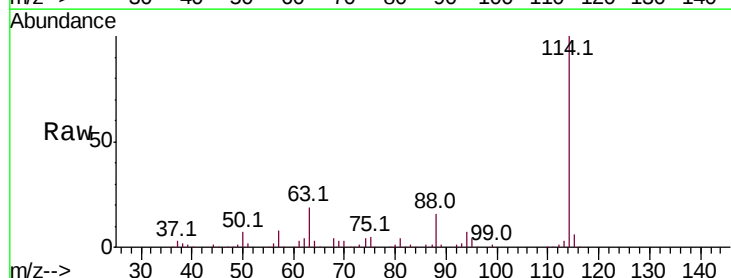
Ion Ratio Lower Upper

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

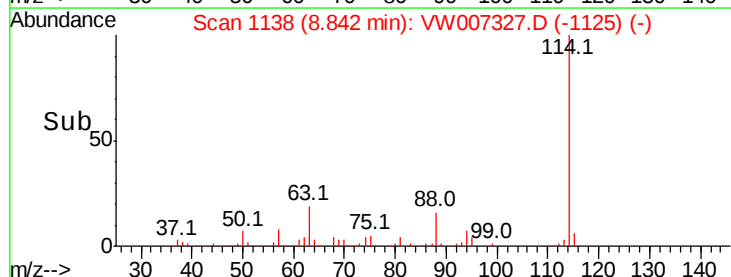
2000

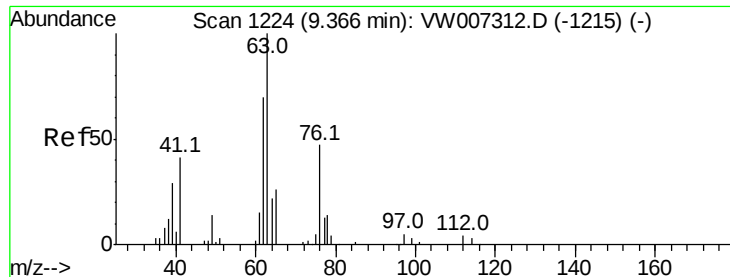
1000

0

8.80 8.85 8.90

Time-->





#40

1,2-Dichloropropane

Concen: 3.713 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW007327.D

Acq: 08 Dec 2018 00:26

Instrument :

MSVOA_W

ClientSampled :

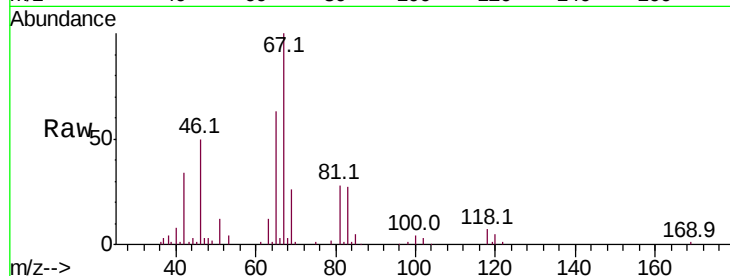
F9F23

Tot Ion: 63 Resp: 5399

Ion Ratio Lower Upper

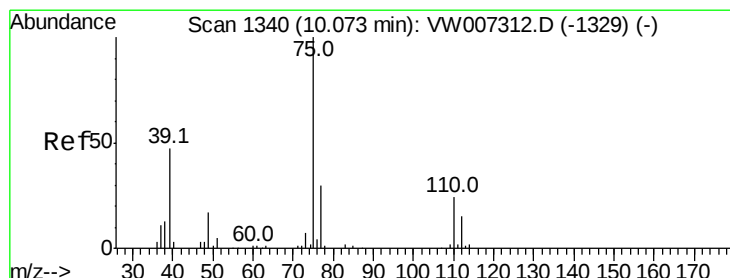
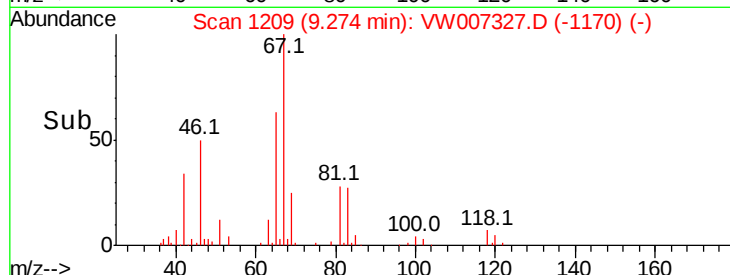
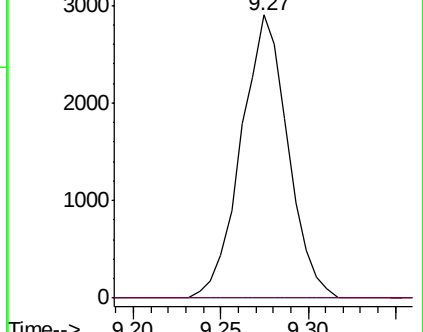
63 100

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: 0.489 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007327.D

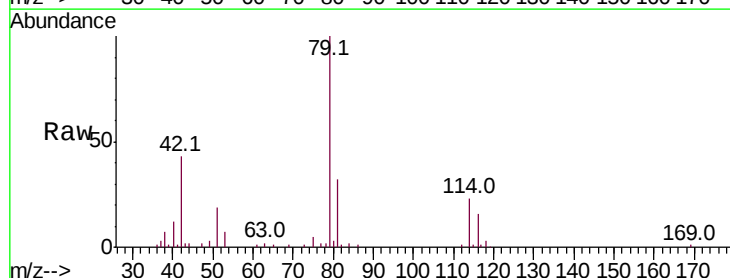
Acq: 08 Dec 2018 00:26

Tgt Ion: 75 Resp: 1194

Ion Ratio Lower Upper

75 100

77 45.9 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

