

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121218\
 Data File : VW007395.D
 Acq On : 11 Dec 2018 14:32
 Operator : SY/AP
 Sample : J6297-14
 Misc : 5.91G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 02:41:48 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	56959	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	53034	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	23979	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	11065	29.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.28%
7) Chloroethane-d5	2.90	69	8339	26.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.16%
10) 1,1-Dichloroethene-d2	4.01	63	25951	20.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.12%
20) 2-Butanone-d5	7.08	46	10216	43.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.38%
24) Chloroform-d	7.65	84	34853	25.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.76%
26) 1,2-Dichloroethane-d4	8.31	65	21501	28.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.48%
29) Benzene-d6	8.27	84	71944	24.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.92%
33) 1,2-Dichloropropane-d6	9.27	67	20692	25.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.68%
37) Toluene-d8	10.32	98	67401	24.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.84%
38) trans-1,3-Dichloropropene-	10.58	79	10457	24.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.56%
39) 2-Hexanone-d5	10.93	63	7987	40.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.74%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	17959	23.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	23164	27.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.84%

Target Compounds

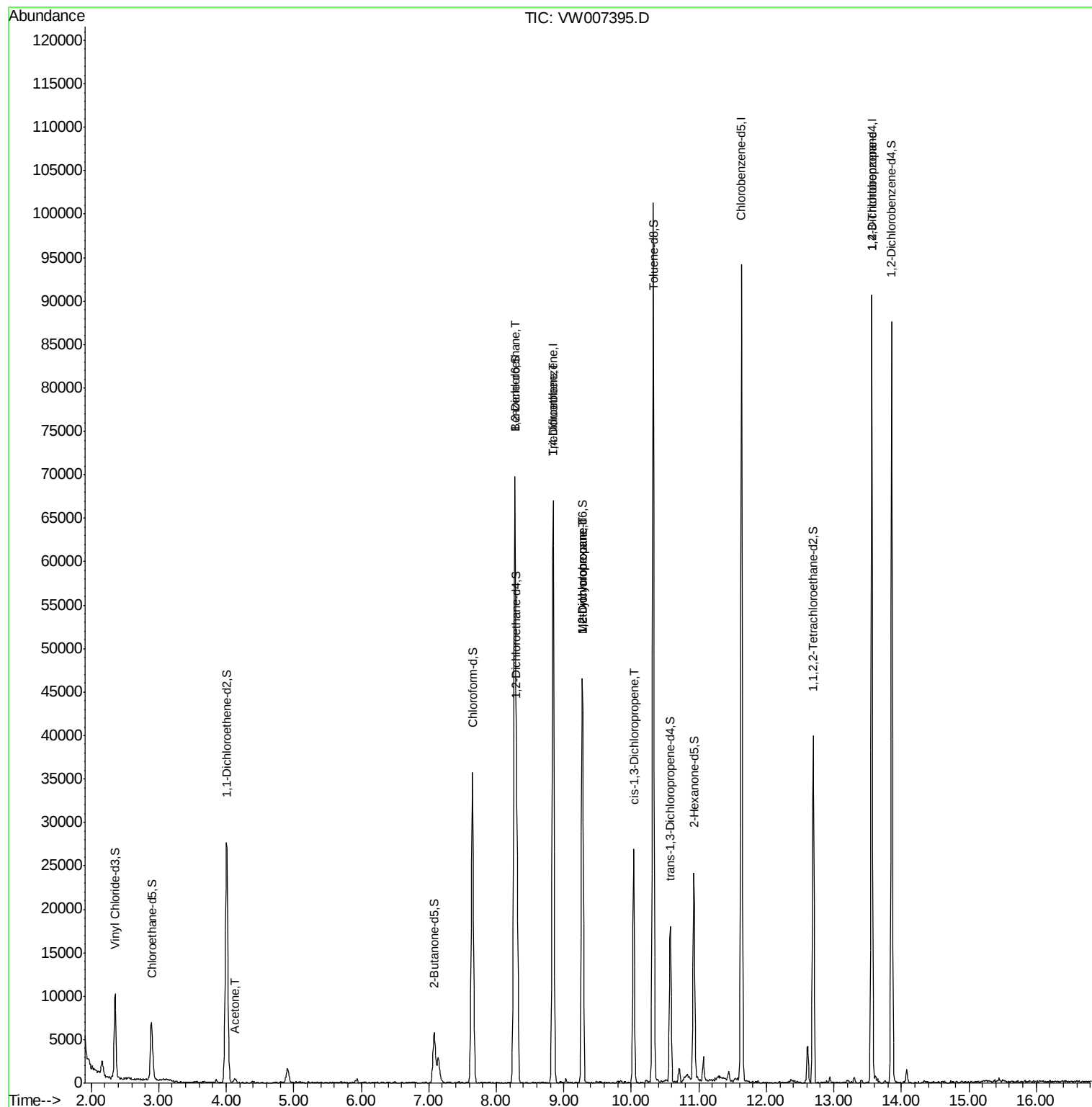
					Ovalue
13) Acetone	4.12	43	716	2.633 ug/L	69
27) 1,2-Dichloroethane	8.27	62	359	0.379 ug/L #	76
35) Trichloroethene	8.85	95	1831	2.101 ug/L #	4
36) Methylcyclohexane	9.27	83	5345	3.552 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	2533	3.406 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	754	0.604 ug/L #	56
59) 1,2,3-Trichloropropane	13.55	75	2647	4.406 ug/L	92

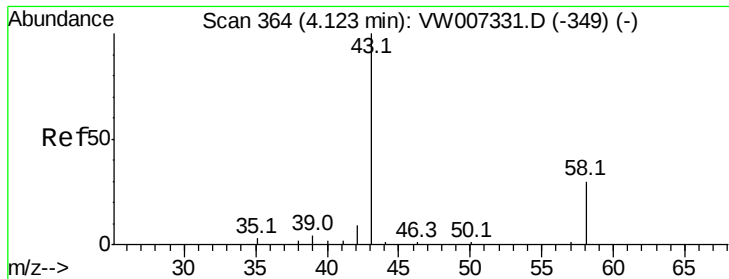
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 2.633 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007395.D

Acq: 11 Dec 2018 14:32

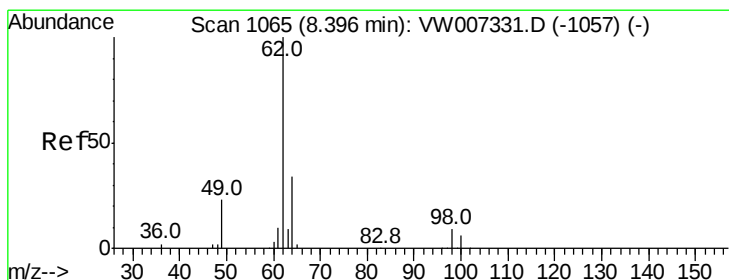
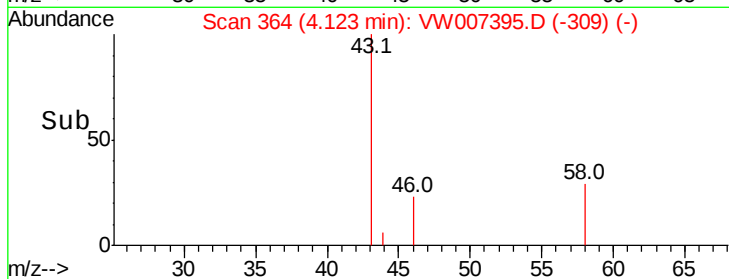
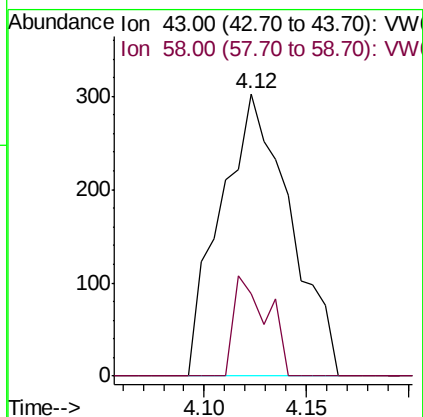
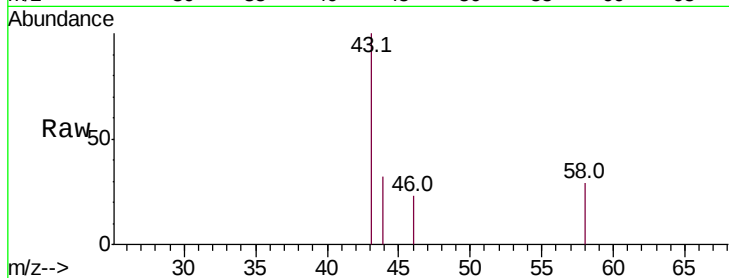
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 716

Ion Ratio Lower Upper

43 100

58 12.8 0.0 59.2



#27

1,2-Dichloroethane

Concen: 0.379 ug/L

RT: 8.27 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW007395.D

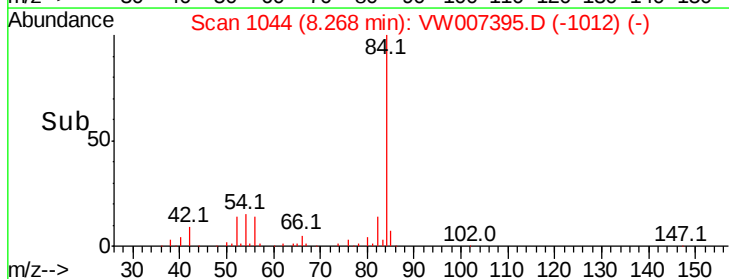
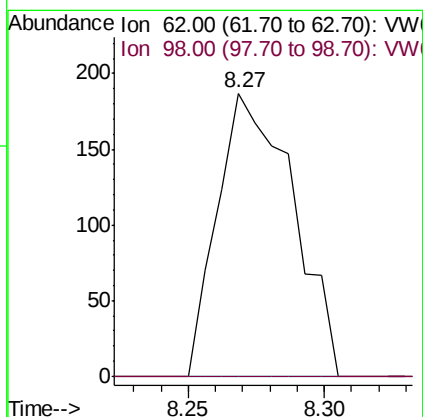
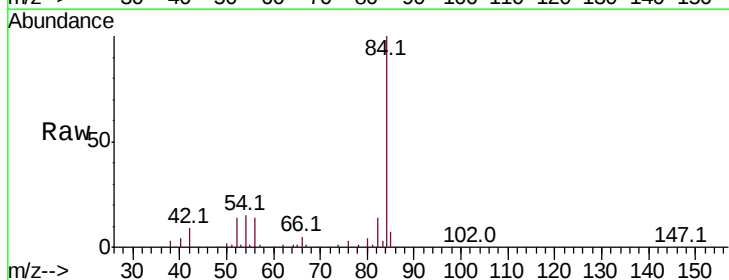
Acq: 11 Dec 2018 14:32

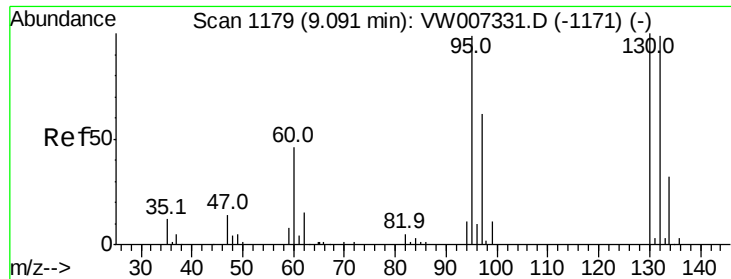
Tgt Ion: 62 Resp: 359

Ion Ratio Lower Upper

62 100

98 0.0 6.9 10.3#





#35

Trichloroethene

Concen: 2.101 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW007395.D

Acq: 11 Dec 2018 14:32

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 1831

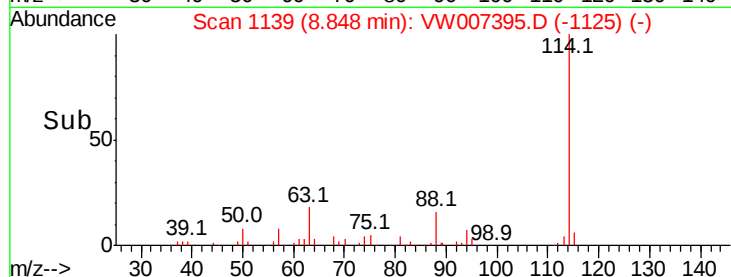
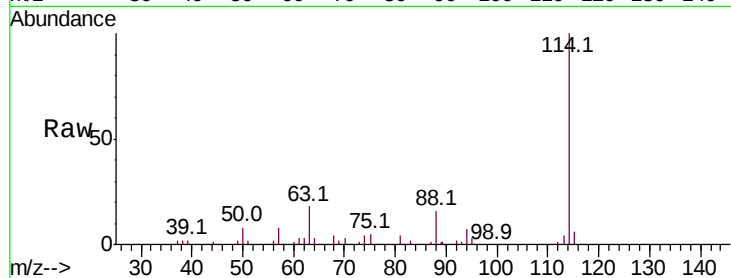
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

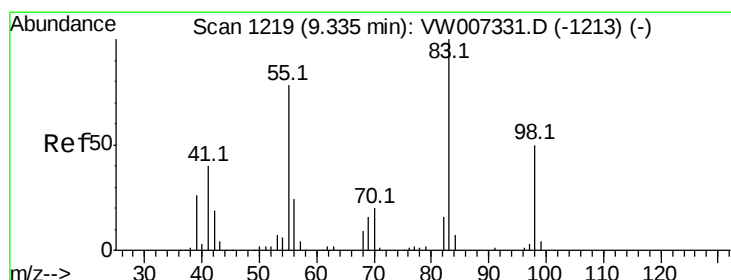
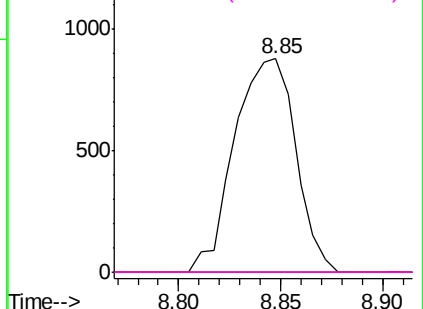


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.552 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW007395.D

Acq: 11 Dec 2018 14:32

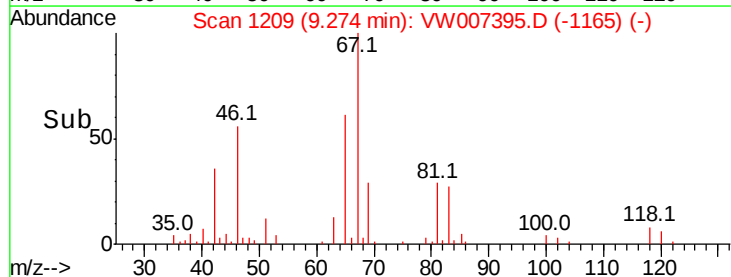
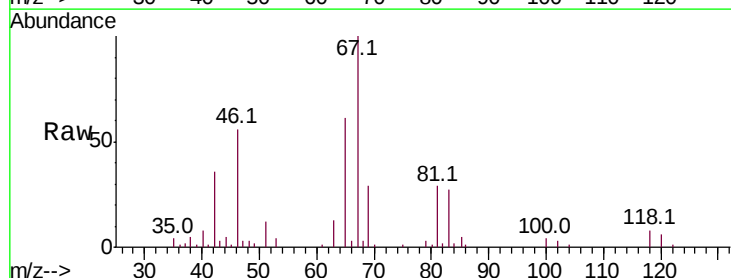
Tgt Ion: 83 Resp: 5345

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.2#

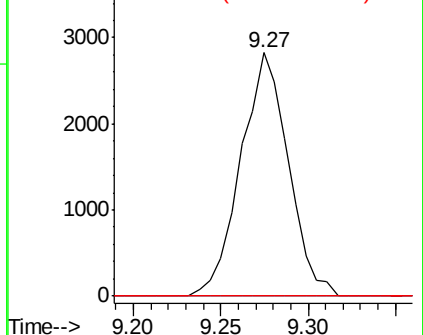
98 0.0 38.1 57.1#

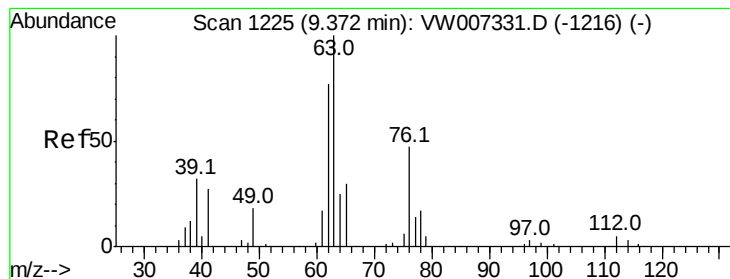


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 3.406 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

Lab File: VW007395.D

Acq: 11 Dec 2018 14:32

Instrument :

MSVOA_W

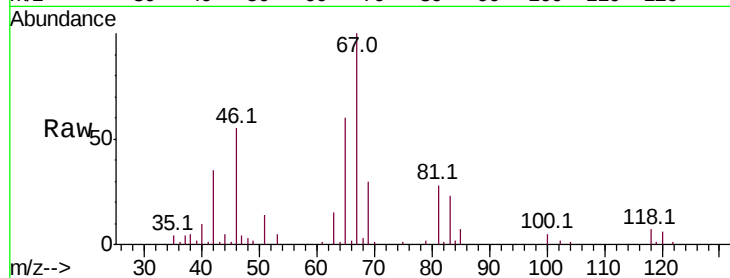
ClientSampleId :

Tot Ion: 63 Resp: 2533

Ion Ratio Lower Upper

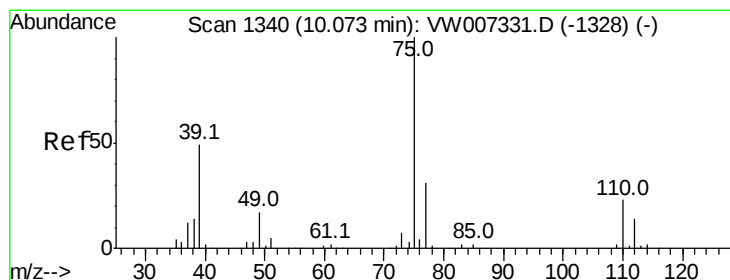
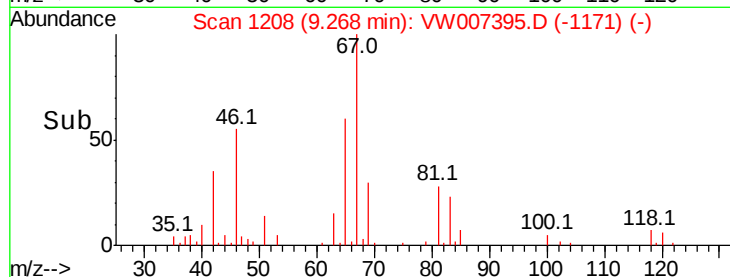
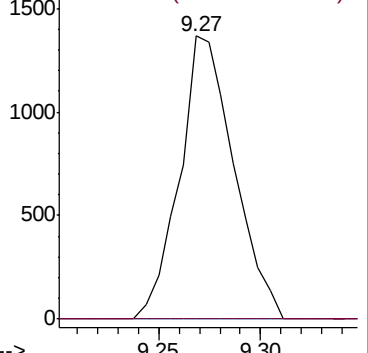
63 100

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: 0.604 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW007395.D

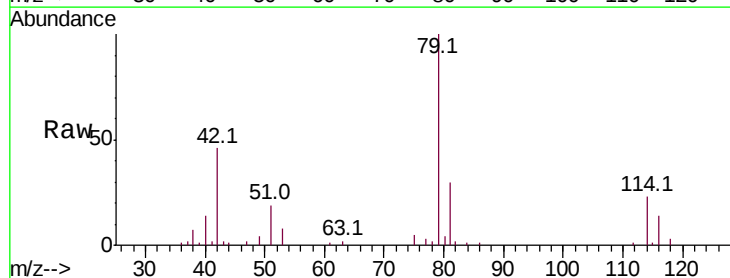
Acq: 11 Dec 2018 14:32

Tgt Ion: 75 Resp: 754

Ion Ratio Lower Upper

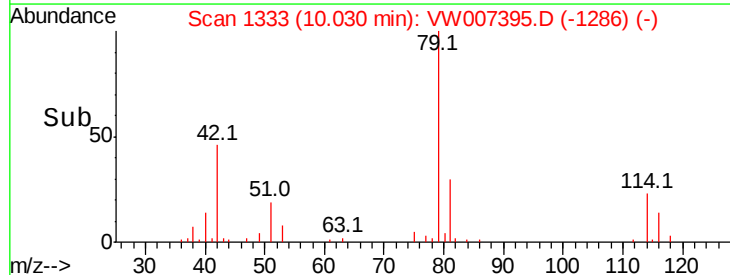
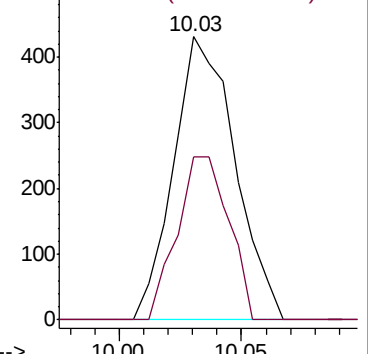
75 100

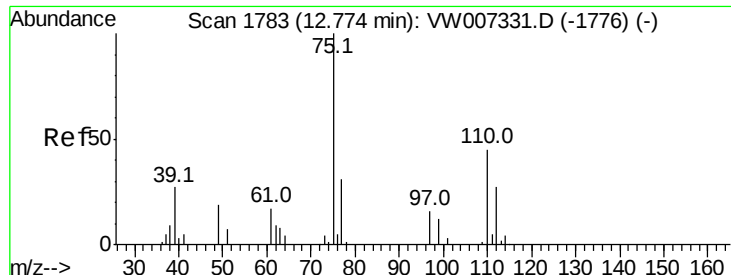
77 57.5 23.0 42.6#



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: 4.406 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.78 min

Lab File: VW007395.D

Acq: 11 Dec 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 2647

Ion Ratio Lower Upper

75 100

77 37.5 26.5 39.7

