

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110619\
 Data File : VW013921.D
 Acq On : 06 Nov 2019 12:56
 Operator : SY/VA
 Sample : K5698-03
 Misc : 6.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 00:56:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110119S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 07 00:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	68695	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	64308	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	23322	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	30968	28.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.88%
7) Chloroethane-d5	2.89	69	26485	31.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	124.04%
10) 1,1-Dichloroethene-d2	4.01	63	48954	22.48	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.92%
20) 2-Butanone-d5	7.09	46	4036	10.49	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	20.98%
24) Chloroform-d	7.65	84	56394	26.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	8.30	65	23027	19.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.08%
29) Benzene-d6	8.27	84	121934	28.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.20%
33) 1,2-Dichloropropane-d6	9.27	67	33142	25.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.64%
37) Toluene-d8	10.32	98	106577	26.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.32%
38) trans-1,3-Dichloropropene-	10.58	79	10086	16.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.76%
39) 2-Hexanone-d5	10.93	63	5099	17.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	34.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	17354	15.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	60.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	24831	26.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.60%

Target Compounds

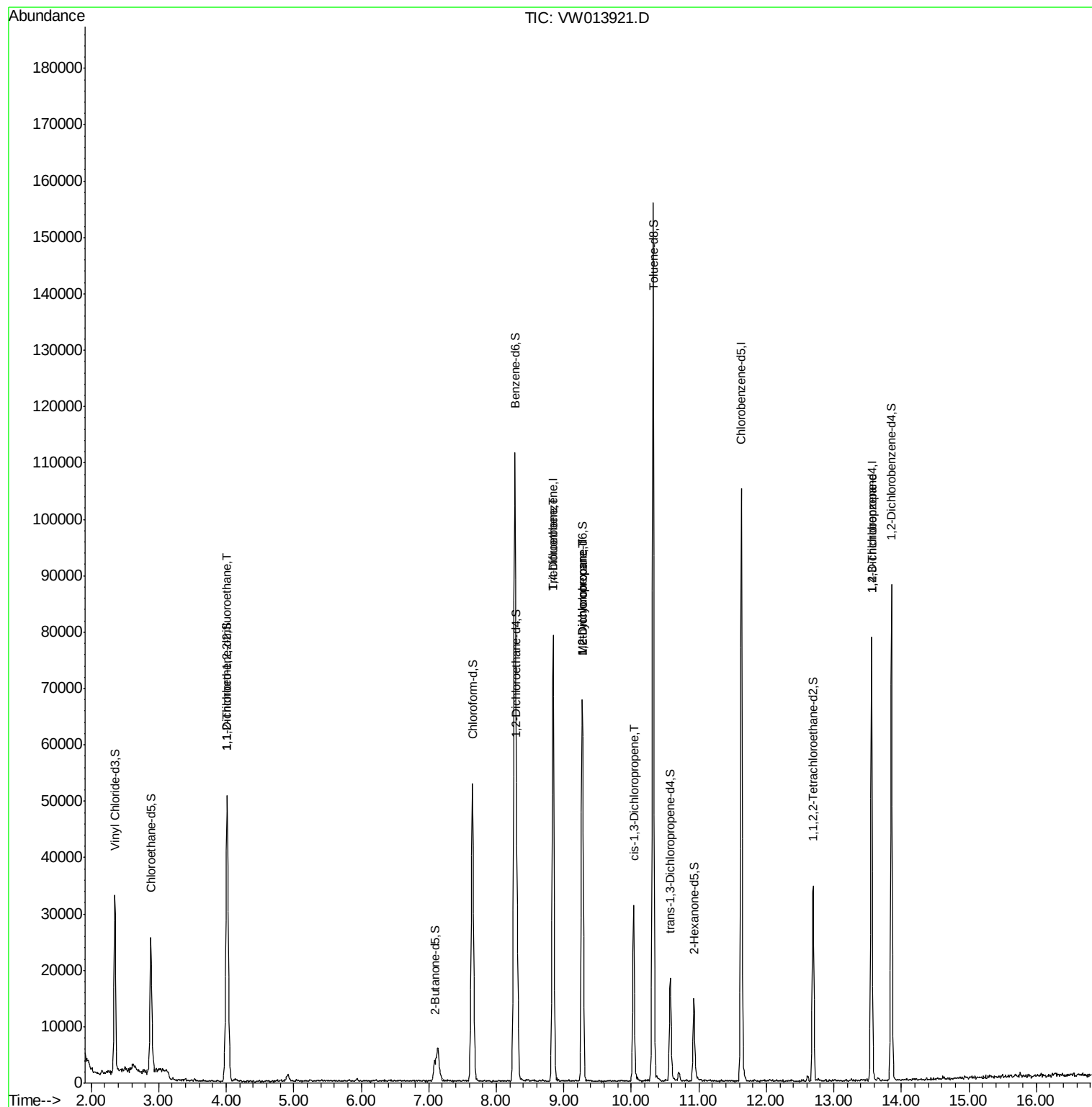
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	425	0.359 ug/L #	17
35) Trichloroethene	8.85	95	2039	1.657 ug/L #	2
36) Methylcyclohexane	9.27	83	8413	3.895 ug/L #	18
40) 1,2-Dichloropropane	9.27	63	3443	3.005 ug/L #	85
42) cis-1,3-Dichloropropene	10.03	75	626	0.347 ug/L	92
59) 1,2,3-Trichloropropane	13.55	75	2489	2.877 ug/L	91

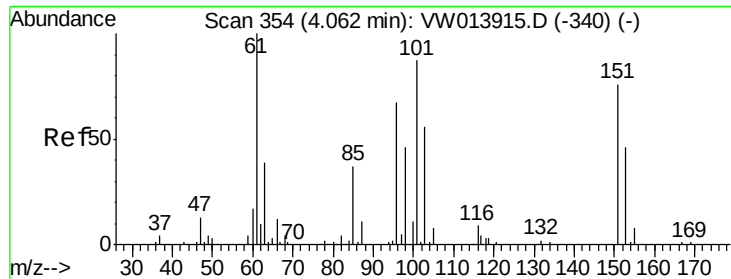
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110119S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 07 00:53:52 2019
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.359 ug/L

RT: 4.01 min Scan# 345

Delta R.T. -0.05 min

Lab File: VW013921.D

Acq: 06 Nov 2019 12:56

Instrument :

MSVOA_W

ClientSampleId :

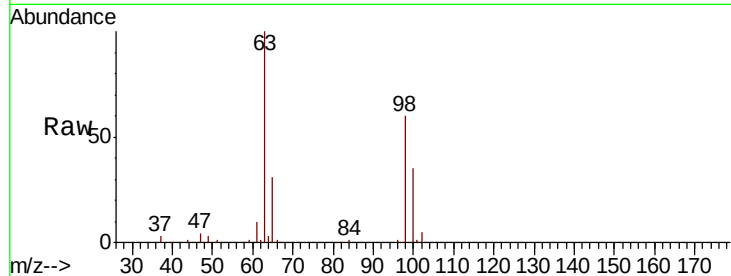
Tot Ion:101 Resp: 425

Ion Ratio Lower Upper

101 100

85 0.0 30.9 46.3#

151 0.0 66.3 99.5#

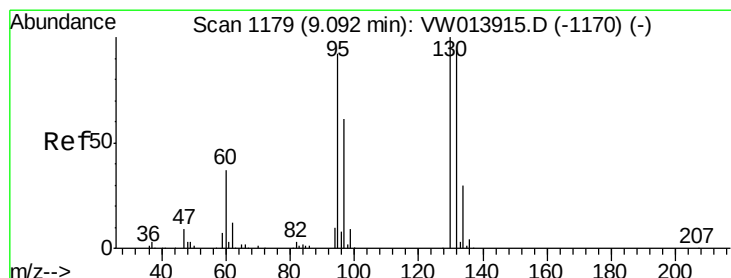
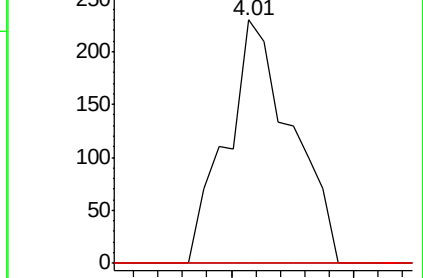
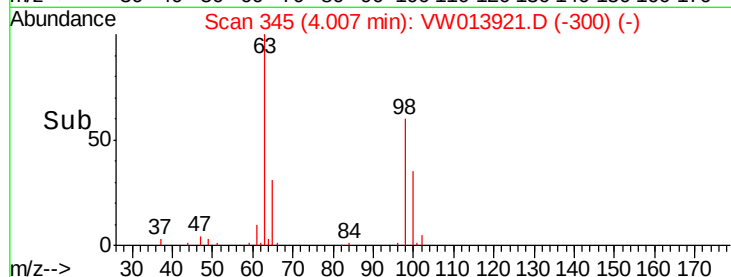


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V

Time-->



#35

Trichloroethene

Concen: 1.657 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW013921.D

Acq: 06 Nov 2019 12:56

Tgt Ion: 95 Resp: 2039

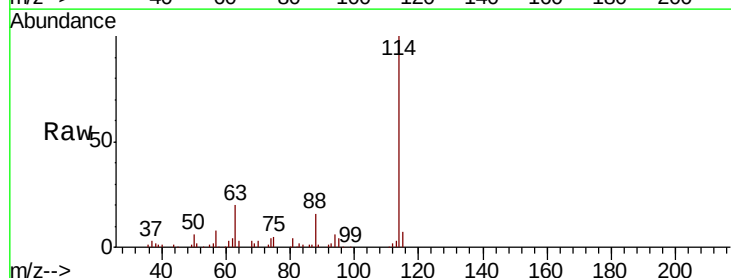
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.5#

132 0.0 73.3 136.1#

130 0.0 75.5 140.1#



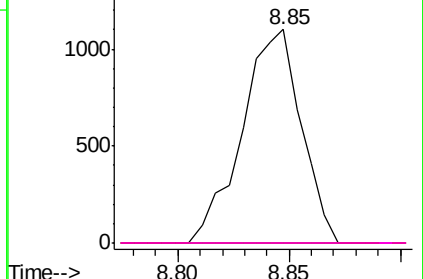
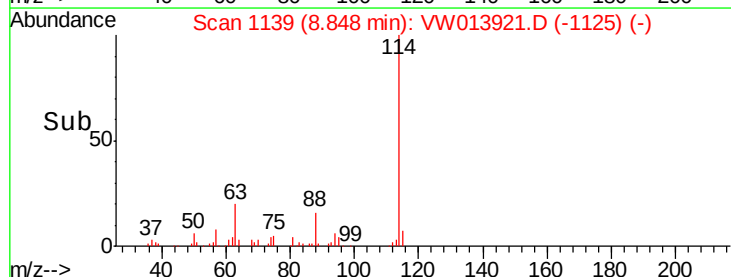
Abundance Ion 95.00 (94.70 to 95.70): VW

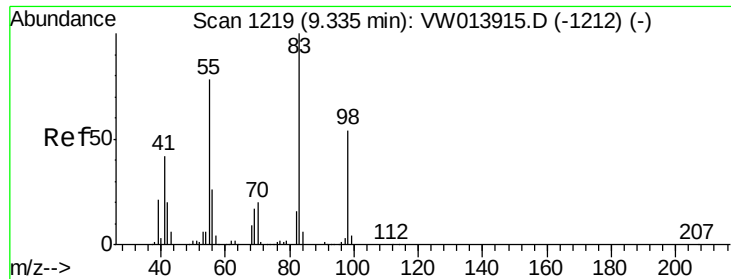
Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

Time-->

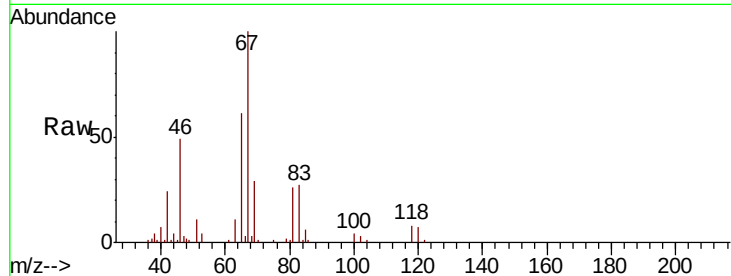




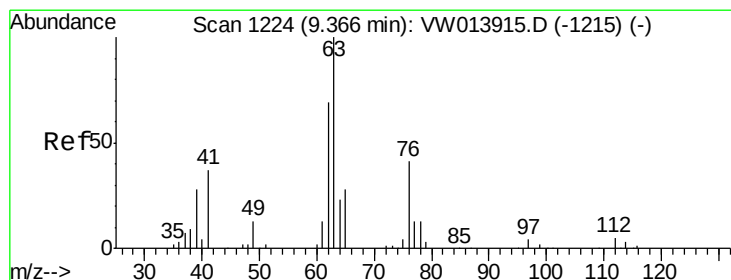
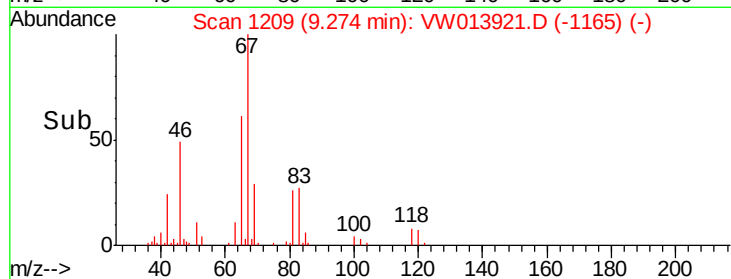
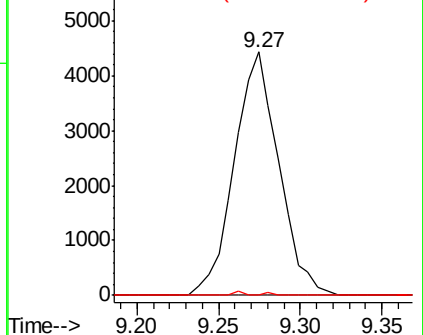
#36
Methylcyclohexane
Concen: 3.895 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW013921.D
Acq: 06 Nov 2019 12:56

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 8413
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 0.0 39.2 58.8#

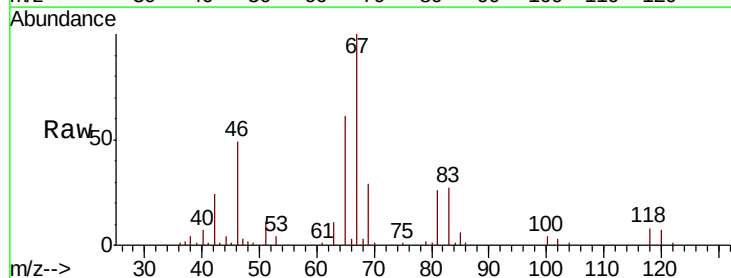


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

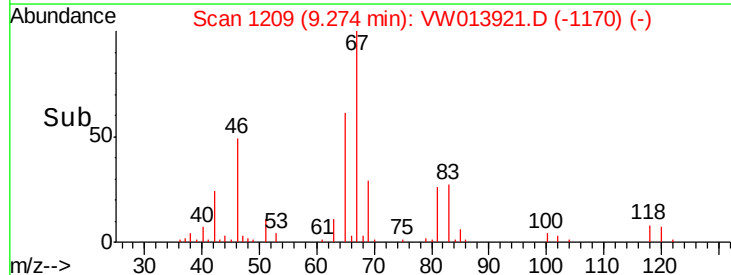
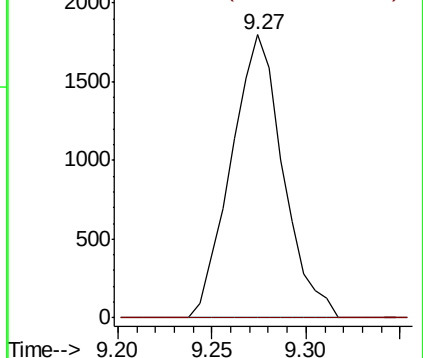


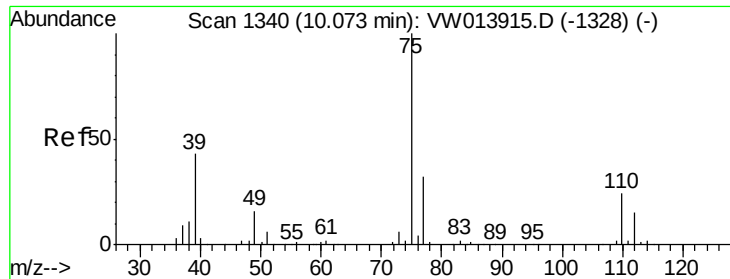
#40
1,2-Dichloropropane
Concen: 3.005 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW013921.D
Acq: 06 Nov 2019 12:56

Tgt Ion: 63 Resp: 3443
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.347 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW013921.D

Acq: 06 Nov 2019 12:56

Instrument :

MSVOA_W

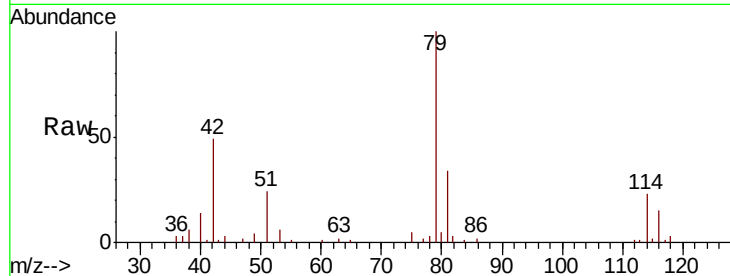
ClientSampleId :

Tot Ion: 75 Resp: 626

Ion Ratio Lower Upper

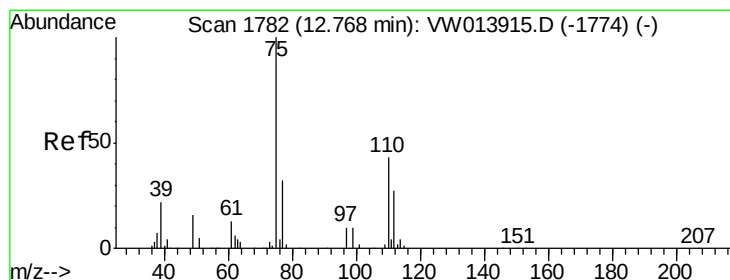
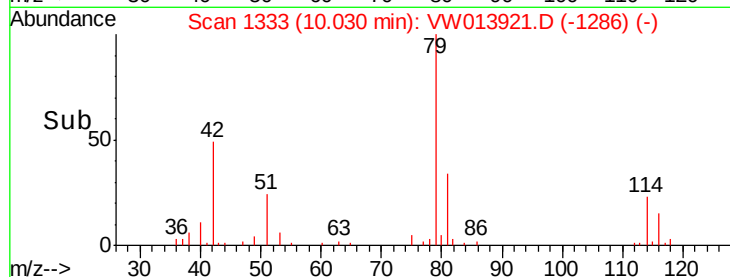
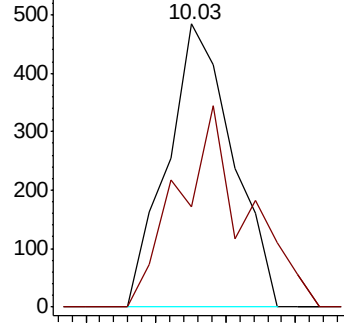
75 100

77 35.3 21.8 40.4



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: 2.877 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013921.D

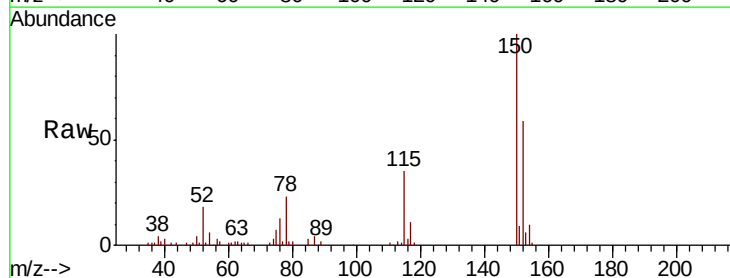
Acq: 06 Nov 2019 12:56

Tgt Ion: 75 Resp: 2489

Ion Ratio Lower Upper

75 100

77 37.2 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

