

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102519\
 Data File : VW013748.D
 Acq On : 25 Oct 2019 15:14
 Operator : SY/VA
 Sample : K5549-04
 Misc : 4.62G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ57

Quant Time: Oct 26 03:41:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 26 03:37:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	353868	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	296560	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	103171	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	120869	27.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.36%
7) Chloroethane-d5	2.89	69	98335	24.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.04%
10) 1,1-Dichloroethene-d2	4.02	63	181917	18.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.88%
20) 2-Butanone-d5	7.08	46	91783	59.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.22%
24) Chloroform-d	7.65	84	239618	24.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	8.31	65	136313	26.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.32%
29) Benzene-d6	8.27	84	514750	28.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.56%
33) 1,2-Dichloropropane-d6	9.27	67	156735	29.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.80%
37) Toluene-d8	10.32	98	442278	26.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.64%
38) trans-1,3-Dichloropropene-	10.57	79	63008	26.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.00%
39) 2-Hexanone-d5	10.92	63	72542	71.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.62%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	125510	28.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	85859	23.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.20%

Target Compounds

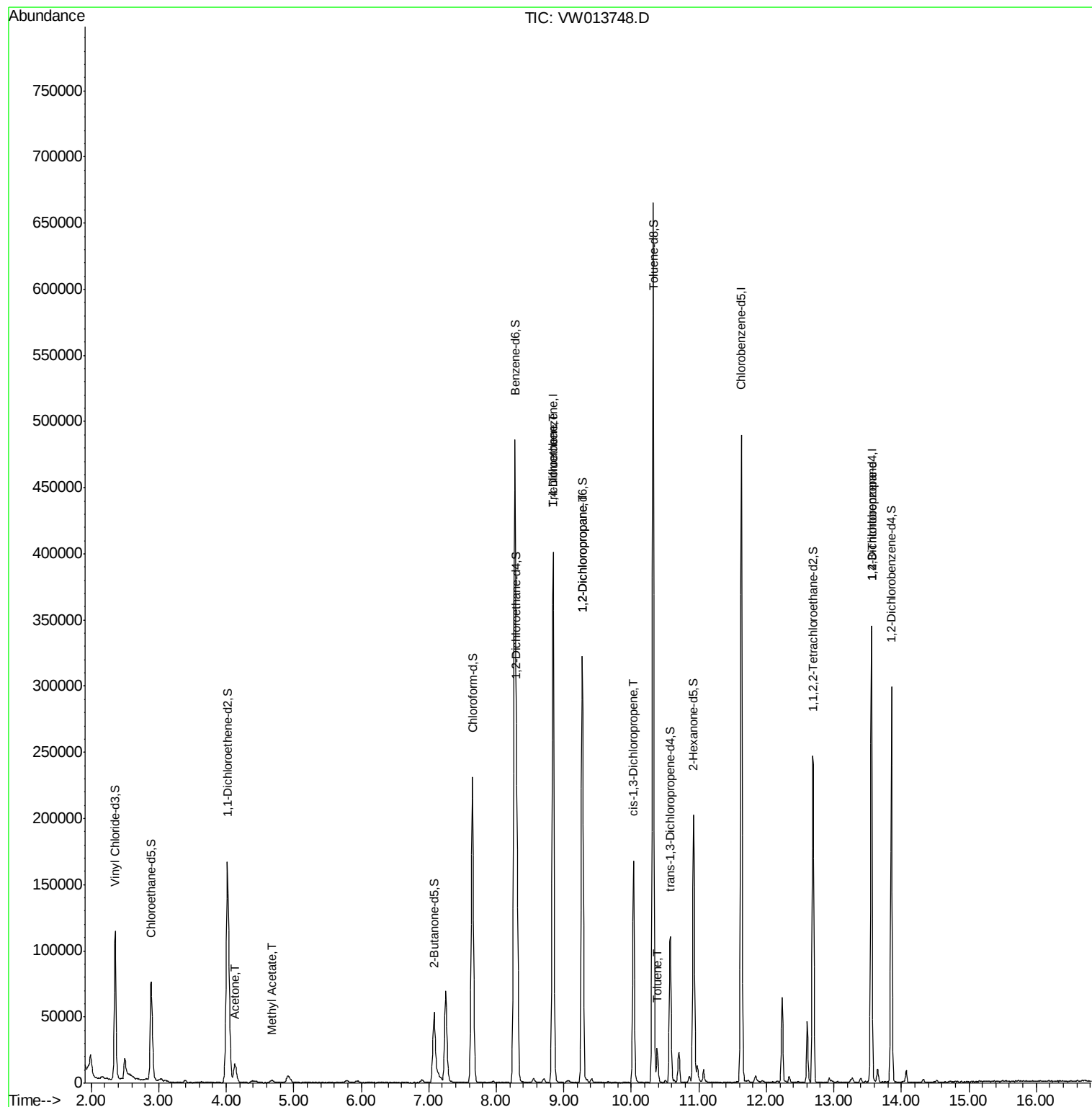
					Ovalue
13) Acetone	4.13	43	27444	15.924 ug/L	94
15) Methyl Acetate	4.68	43	3865	1.372 ug/L #	86
35) Trichloroethene	8.84	95	10318	1.890 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	16204	3.115 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	4134	0.503 ug/L	95
44) Toluene	10.38	91	20261	0.886 ug/L	97
59) 1,2,3-Trichloropropane	13.55	75	10530	3.002 ug/L	99

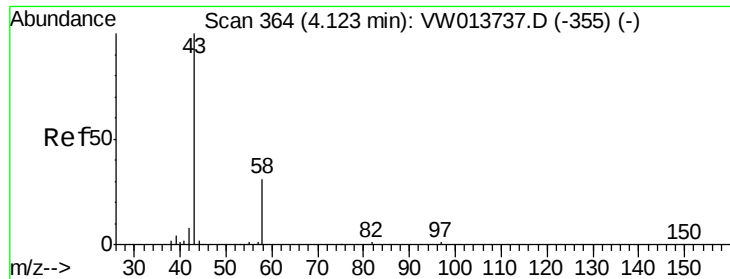
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 26 03:37:49 2019
Response via : Initial Calibration





#13

Acetone

Concen: 15.924 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013748.D

Acq: 25 Oct 2019 15:14

Instrument :

MSVOA_W

ClientSampleId :

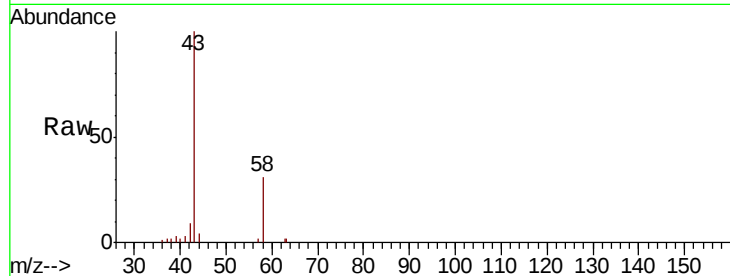
GAQ57

Tot Ion: 43 Resp: 27444

Ion Ratio Lower Upper

43 100

58 31.7 0.0 70.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

10000

8000

6000

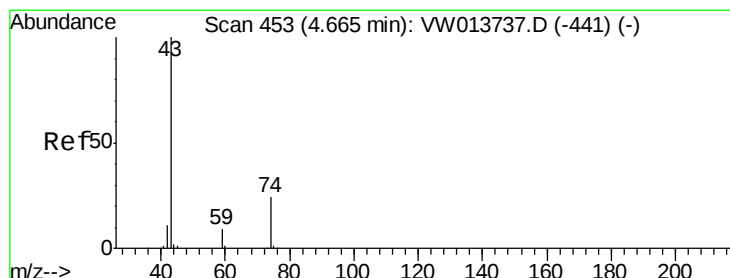
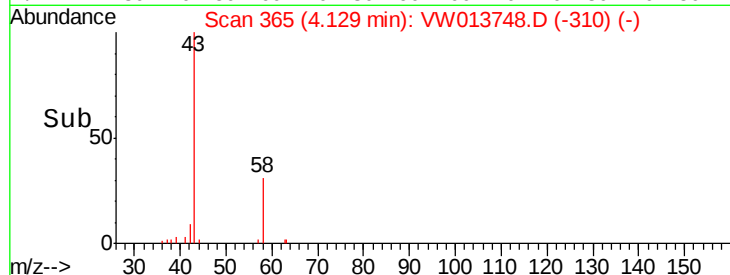
4000

2000

0

Time-->

4.05 4.10 4.15 4.20 4.25



#15

Methyl Acetate

Concen: 1.372 ug/L

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW013748.D

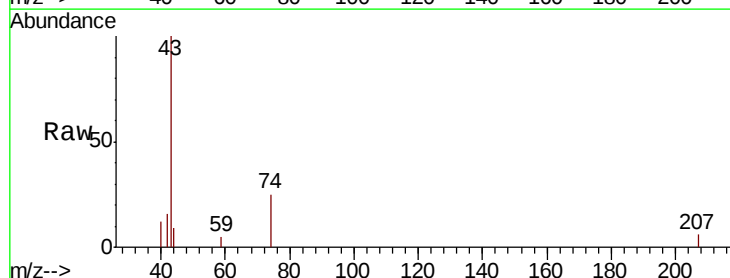
Acq: 25 Oct 2019 15:14

Tgt Ion: 43 Resp: 3865

Ion Ratio Lower Upper

43 100

74 17.1 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

1500

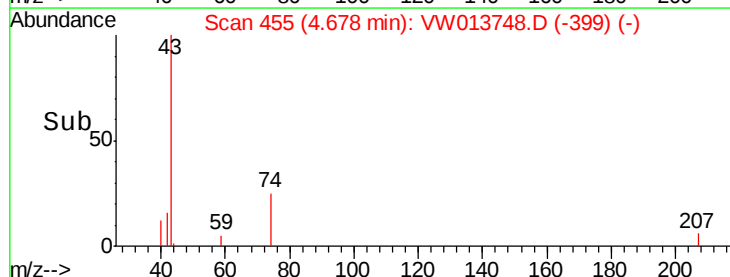
1000

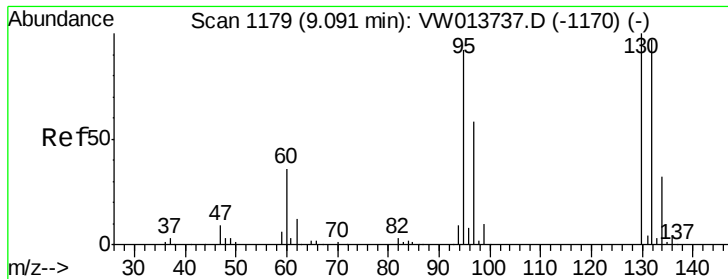
500

0

Time-->

4.60 4.65 4.70 4.75





#35

Trichloroethene

Concen: 1.890 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW013748.D

Acq: 25 Oct 2019 15:14

Instrument :

MSVOA_W

ClientSampleId :

GAQ57

Tot Ion: 95 Resp: 10318

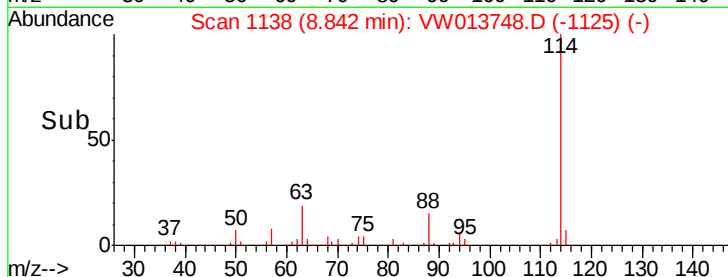
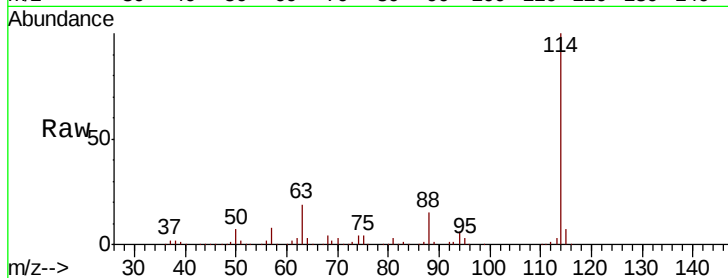
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.2#

132 0.0 74.3 138.1#

130 0.0 76.6 142.3#

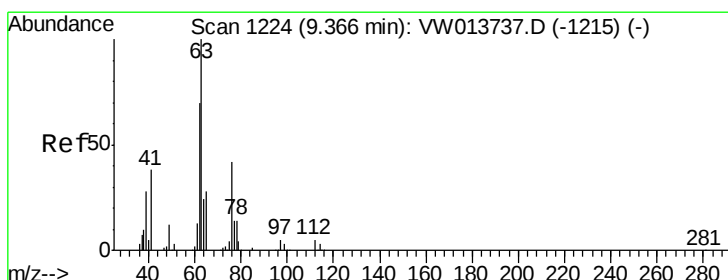
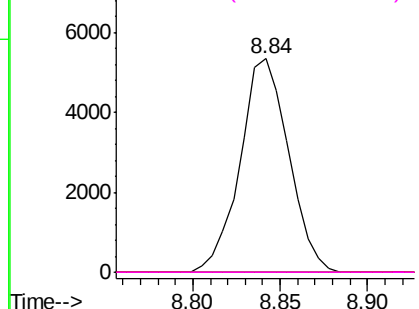


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 3.115 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW013748.D

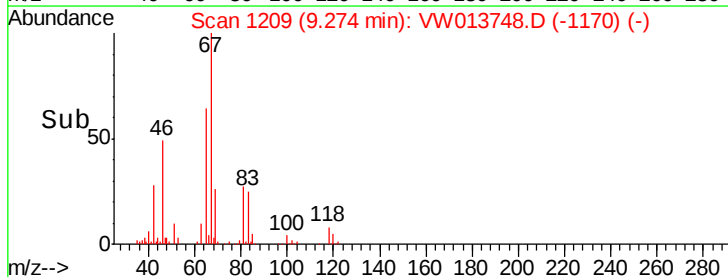
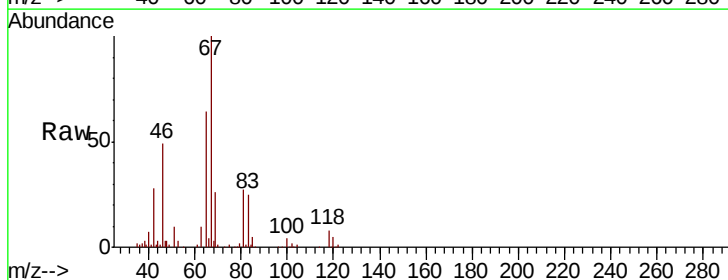
Acq: 25 Oct 2019 15:14

Tgt Ion: 63 Resp: 16204

Ion Ratio Lower Upper

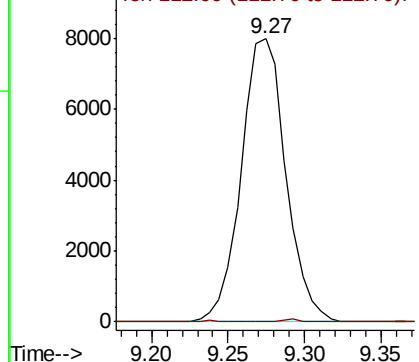
63 100

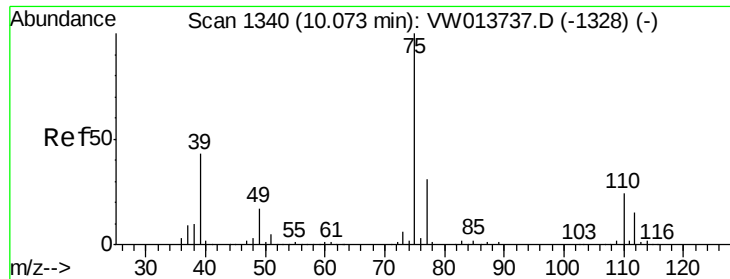
112 0.3 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

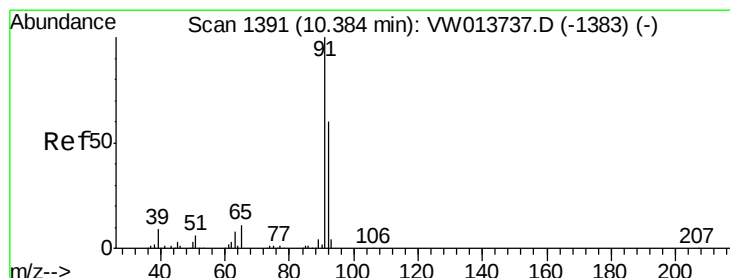
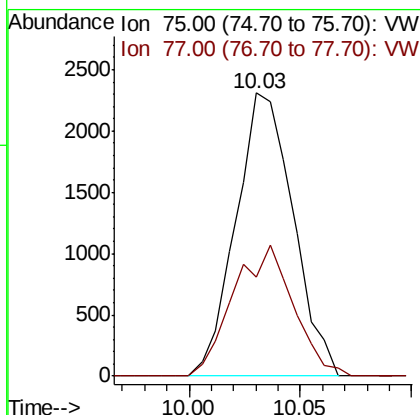
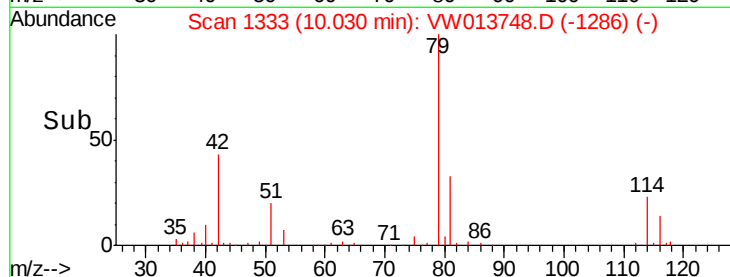
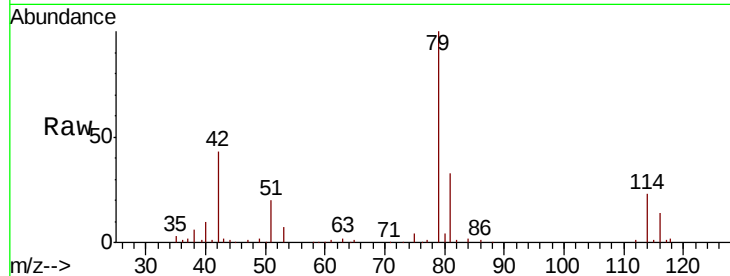




#42
 cis-1,3-Dichloropropene
 Concen: 0.503 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW013748.D
 Acq: 25 Oct 2019 15:14

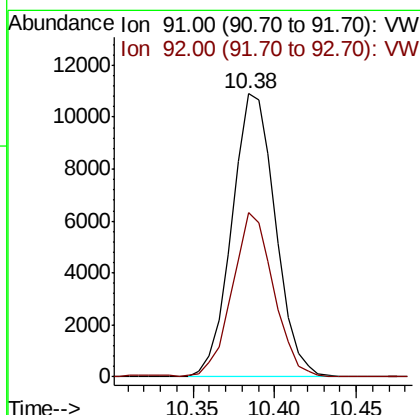
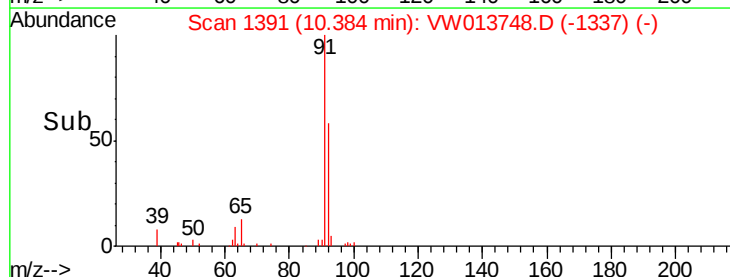
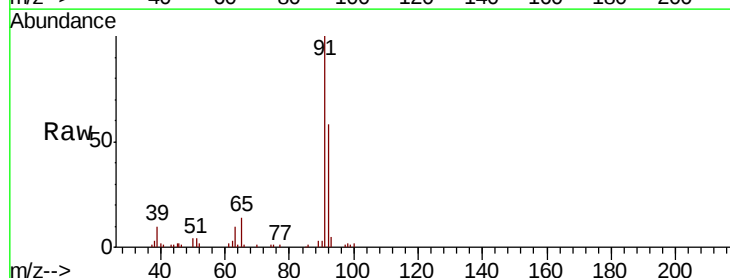
Instrument :
 MSVOA_W
 ClientSampled :
 GAQ57

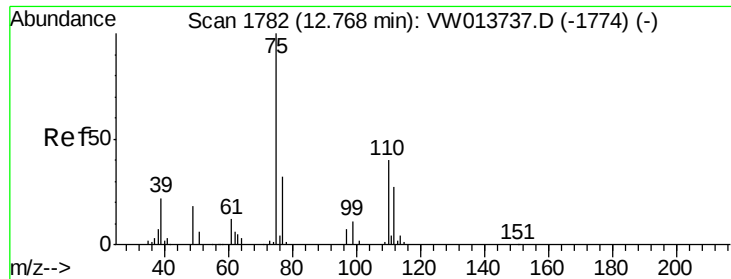
Tot Ion: 75 Resp: 4134
 Ion Ratio Lower Upper
 75 100
 77 35.0 22.5 41.9



#44
 Toluene
 Concen: 0.886 ug/L
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW013748.D
 Acq: 25 Oct 2019 15:14

Tgt Ion: 91 Resp: 20261
 Ion Ratio Lower Upper
 91 100
 92 57.9 42.0 78.0





#59

1,2,3-Trichloropropane

Concen: 3.002 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013748.D

Acq: 25 Oct 2019 15:14

Instrument :

MSVOA_W

ClientSampleId :

GAQ57

Tot Ion: 75 Resp: 10530

Ion Ratio Lower Upper

75 100

77 33.8 26.4 39.6

