

Data File : VV012211.D
Acq On : 12 Aug 2019 17:42
Operator : SY/MD
Sample : K4248-08
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Aug 13 06:48:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 13 06:45:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	430322	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	413785	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	183930	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	137551	48.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.16%
7) Chloroethane-d5	1.58	69	127243	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.72%
11) 1,1-Dichloroethene-d2	2.13	63	195236	36.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.64%
21) 2-Butanone-d5	3.93	46	288607	115.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.29%
24) Chloroform-d	4.40	84	334051	51.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.96%
26) 1,2-Dichloroethane-d4	5.08	65	219556	53.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.40%
32) Benzene-d6	5.10	84	679945	52.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.22%
36) 1,2-Dichloropropane-d6	6.12	67	217075	53.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.28%
41) Toluene-d8	7.36	98	595180	50.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.72%
43) trans-1,3-Dichloropropene-	7.66	79	99994	48.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.88%
47) 2-Hexanone-d5	8.13	63	192925	109.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.09%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	302313	51.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.76%
64) 1,2-Dichlorobenzene-d4	11.67	152	243361	55.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.86%

Target Compounds

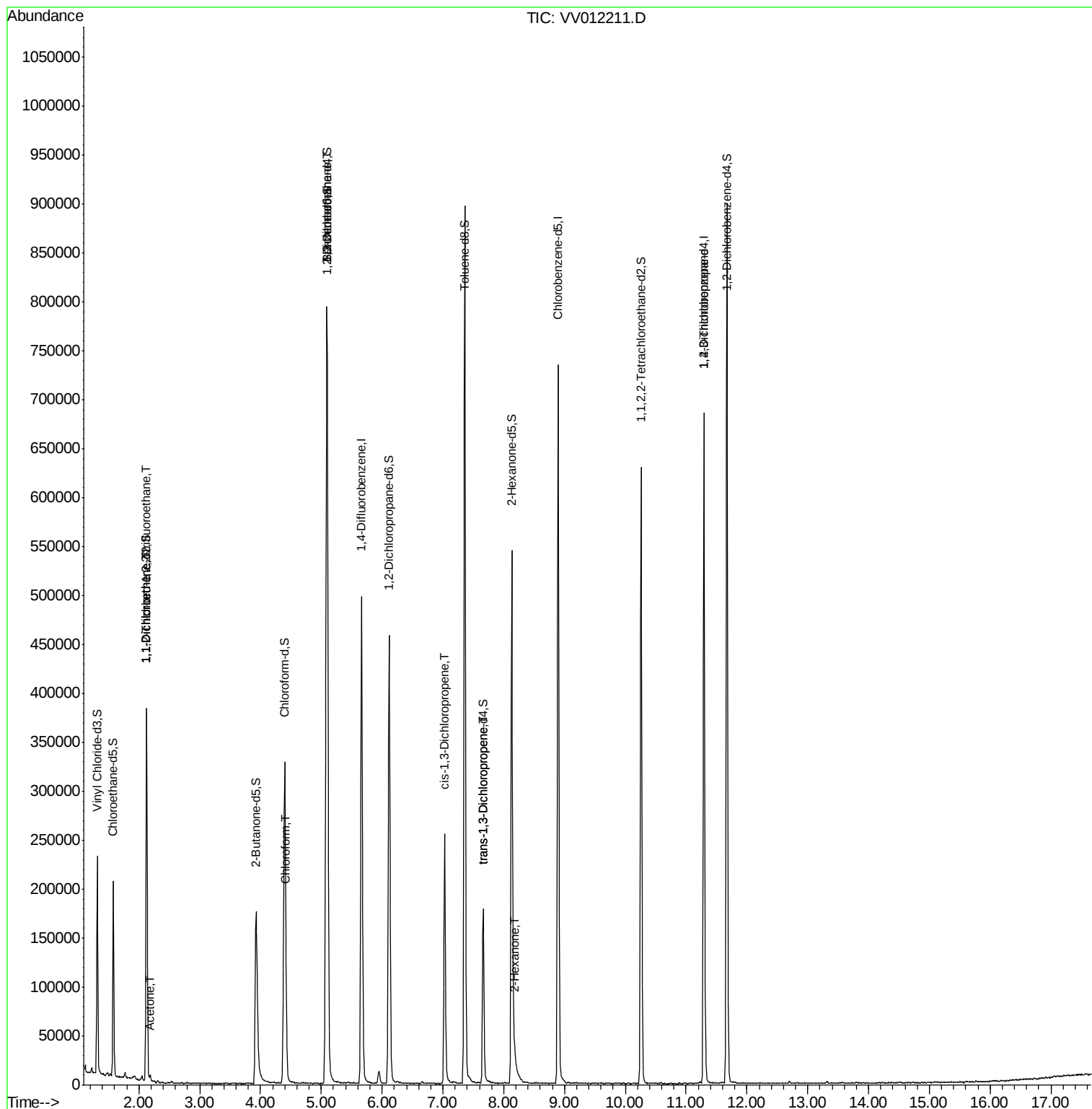
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2258	0.865	ug/L #	22
12) 1,1-Dichloroethene	2.13	96	1530	0.617	ug/L #	1
13) Acetone	2.19	43	1017	0.514	ug/L	54
25) Chloroform	4.43	83	5810	1.050	ug/L	88
27) 1,2-Dichloroethane	5.10	62	4073	0.988	ug/L	96
39) cis-1,3-Dichloropropene	7.03	75	6438	1.365	ug/L #	82
44) trans-1,3-Dichloropropene	7.66	75	4474	1.040	ug/L	89
48) 2-Hexanone	8.18	43	7524	2.217	ug/L #	95
59) 1,2,3-Trichloropropane	11.29	75	21252	5.631	ug/L	91

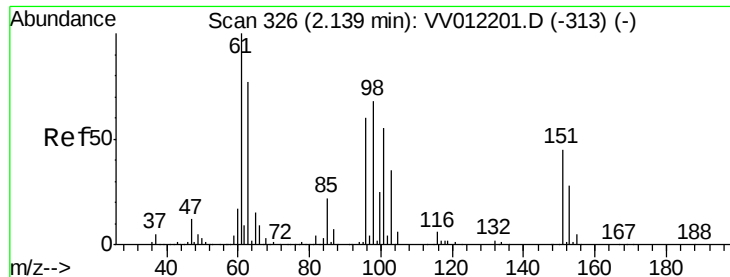
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.865 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012211.D

Acq: 12 Aug 2019 17:42

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

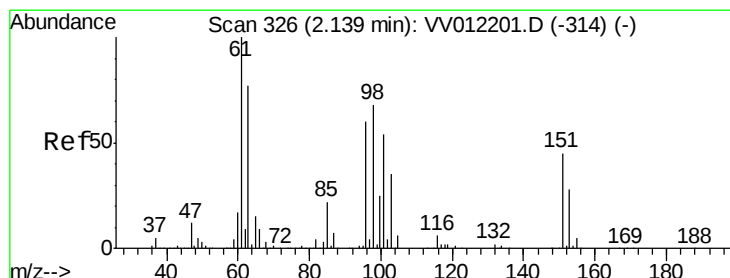
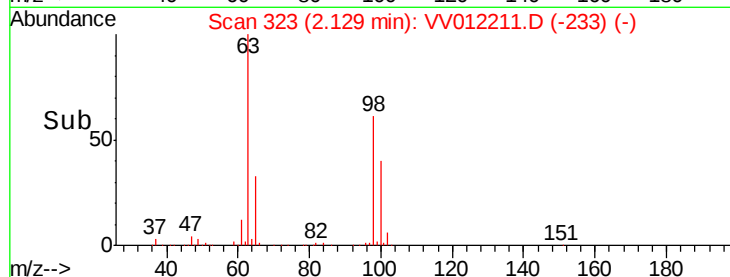
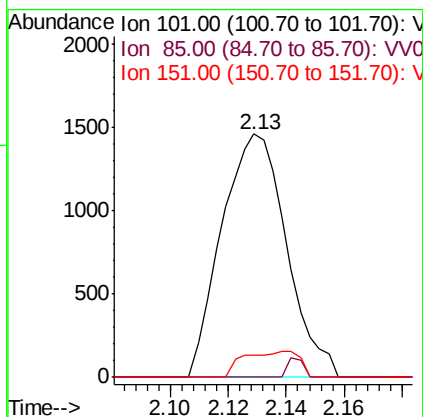
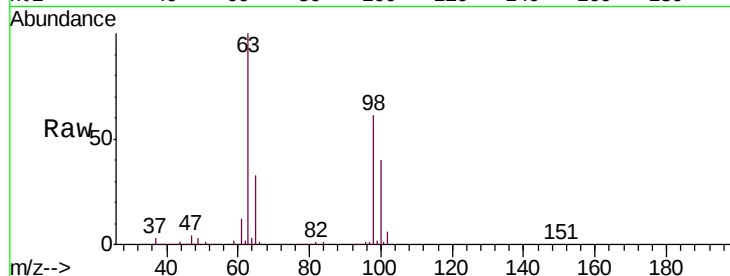
Tgt Ion: 101 Resp: 2258

Ion Ratio Lower Upper

101 100

85 1.9 32.8 49.2#

151 4.4 65.0 97.6#



#12

1,1-Dichloroethene

Concen: 0.617 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012211.D

Acq: 12 Aug 2019 17:42

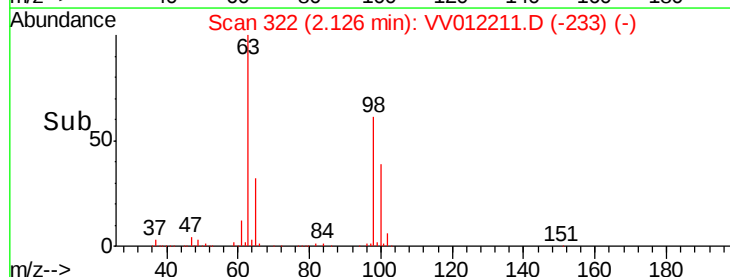
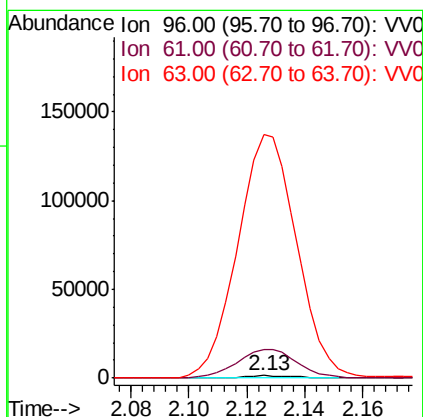
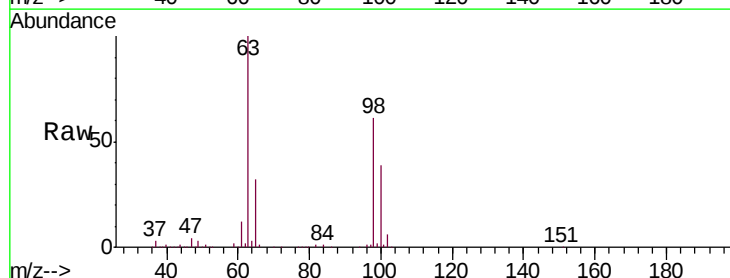
Tgt Ion: 96 Resp: 1530

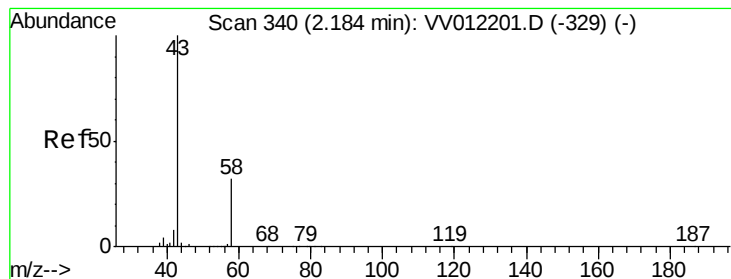
Ion Ratio Lower Upper

96 100

61 1216.2 115.9 215.3#

63 10229.5 90.0 167.2#





#13

Acetone

Concen: 0.514 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV012211.D

Acq: 12 Aug 2019 17:42

Instrument :

MSVOA_V

ClientSampleId :

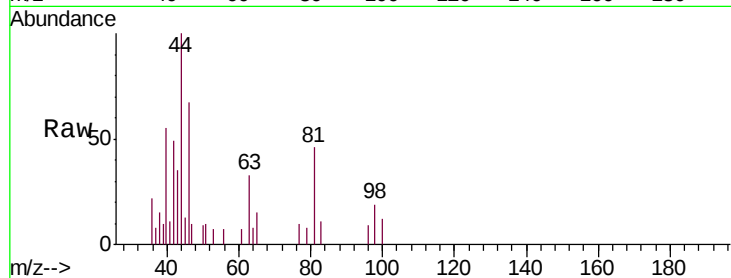
VHBLK01

Tgt Ion: 43 Resp: 1017

Ion Ratio Lower Upper

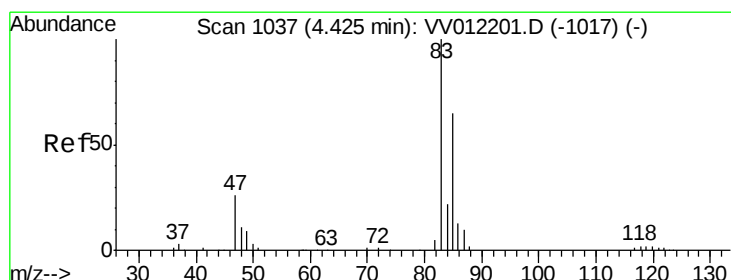
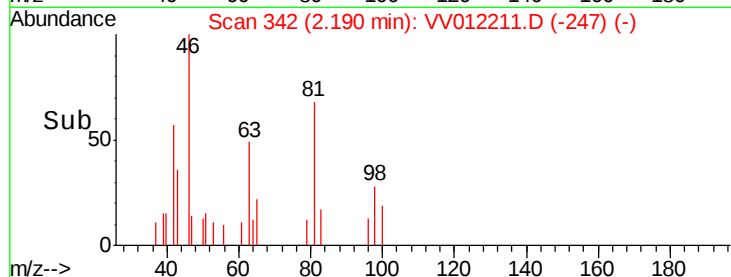
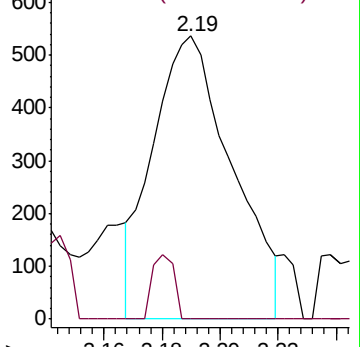
43 100

58 6.2 0.0 63.2



Abundance Ion 43.00 (42.70 to 43.70): VV012201.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV012201.D (-329) (-)



#25

Chloroform

Concen: 1.050 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV012211.D

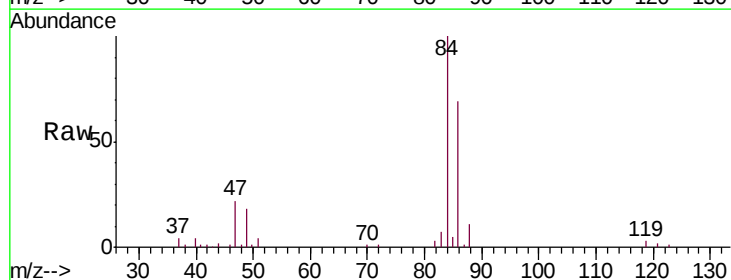
Acq: 12 Aug 2019 17:42

Tgt Ion: 83 Resp: 5810

Ion Ratio Lower Upper

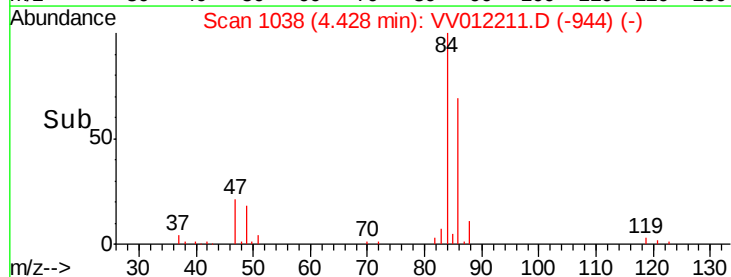
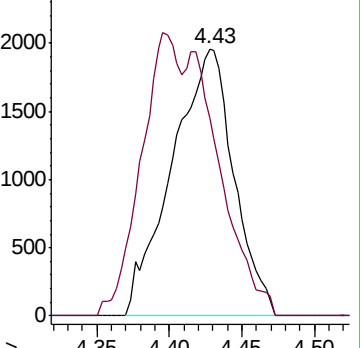
83 100

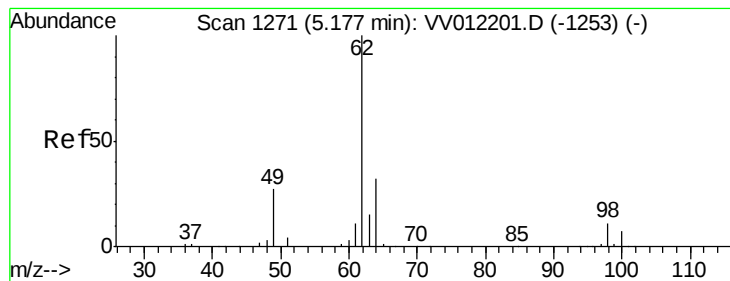
85 74.2 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VV012201.D (-1017) (-)

Ion 85.00 (84.70 to 85.70): VV012201.D (-1017) (-)





#27

1,2-Dichloroethane

Concen: 0.988 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.08 min

Lab File: VV012211.D

Acq: 12 Aug 2019 17:42

Instrument :

MSVOA_V

ClientSampleId :

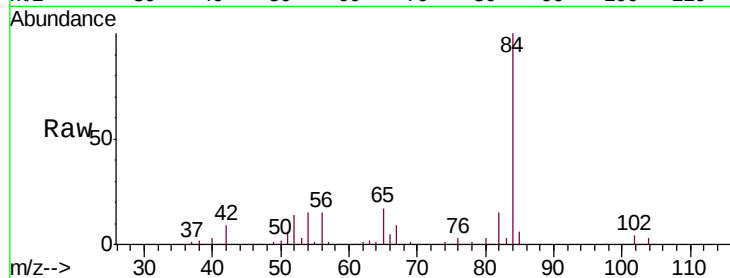
VHBLK01

Tgt Ion: 62 Resp: 4073

Ion Ratio Lower Upper

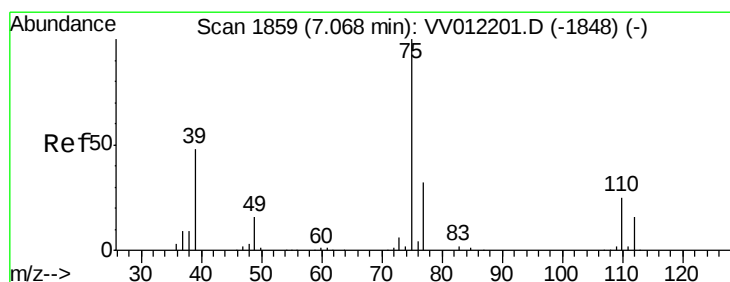
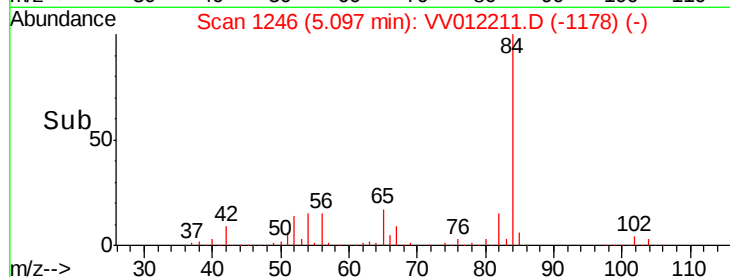
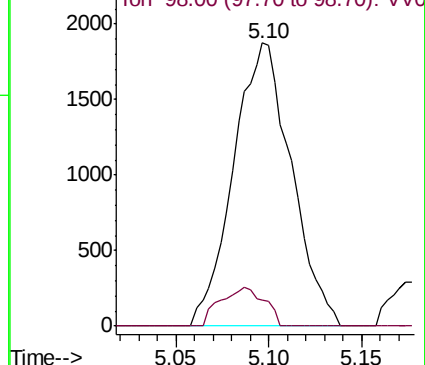
62 100

98 9.1 8.4 12.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.365 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV012211.D

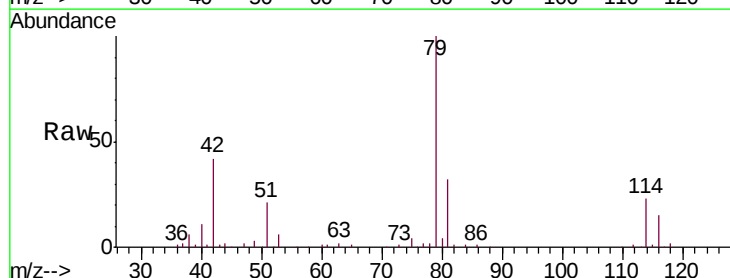
Acq: 12 Aug 2019 17:42

Tgt Ion: 75 Resp: 6438

Ion Ratio Lower Upper

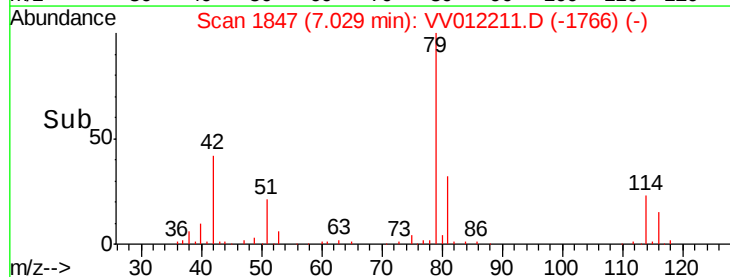
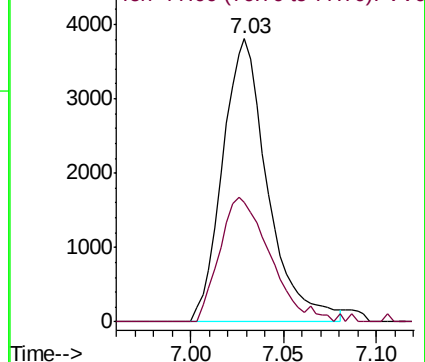
75 100

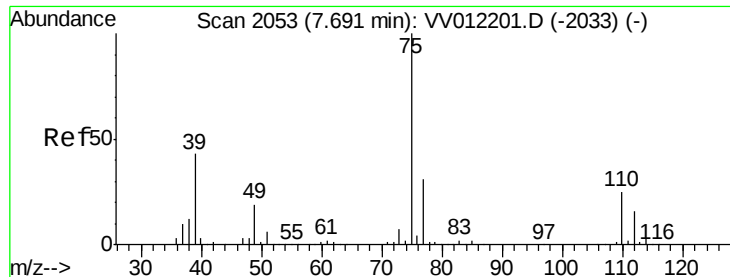
77 42.2 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 1.040 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012211.D

Acq: 12 Aug 2019 17:42

Instrument :

MSVOA_V

ClientSampleId :

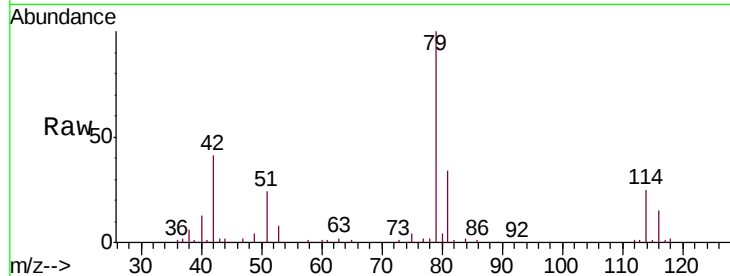
VHBLK01

Tgt Ion: 75 Resp: 4474

Ion Ratio Lower Upper

75 100

77 37.5 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VV012201.D (-2033) (-)

Ion 77.00 (76.70 to 77.70): VV012201.D (-2033) (-)

7.66

2500

2000

1500

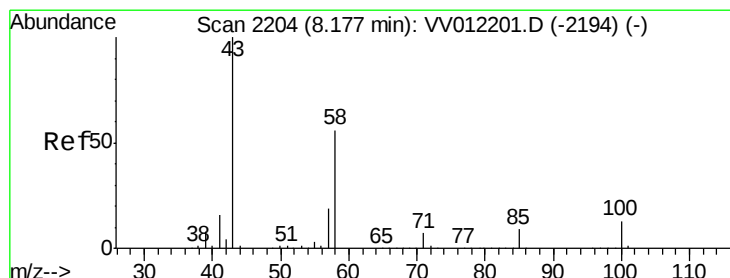
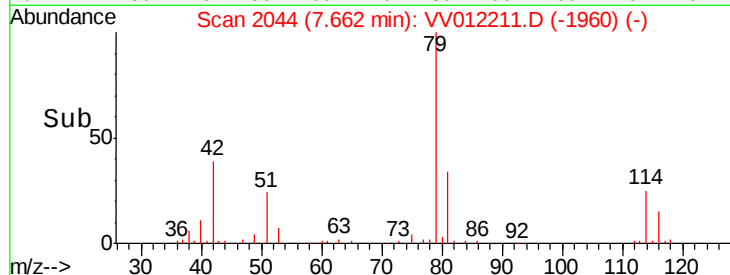
1000

500

0

7.60 7.65 7.70 7.75

Time-->



#48

2-Hexanone

Concen: 2.217 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VV012211.D

Acq: 12 Aug 2019 17:42

Tgt Ion: 43 Resp: 7524

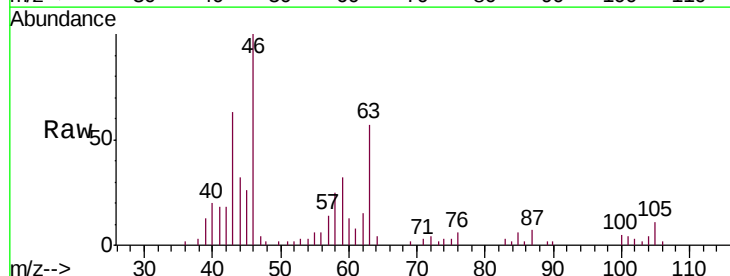
Ion Ratio Lower Upper

43 100

58 52.9 43.5 65.3

57 11.9 15.1 22.7#

100 12.1 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VV012201.D (-2194) (-)

Ion 58.00 (57.70 to 58.70): VV012201.D (-2194) (-)

Ion 57.00 (56.70 to 57.70): VV012201.D (-2194) (-)

Ion 100.00 (99.70 to 100.70): VV012201.D (-2194) (-)

15000

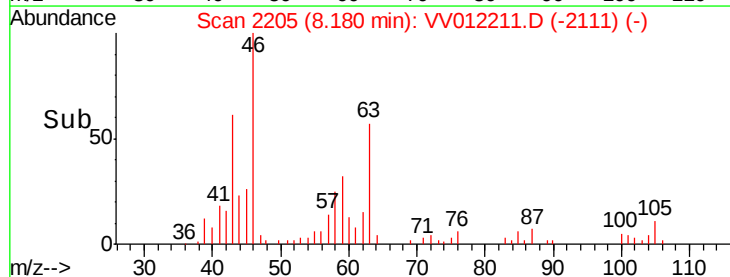
10000

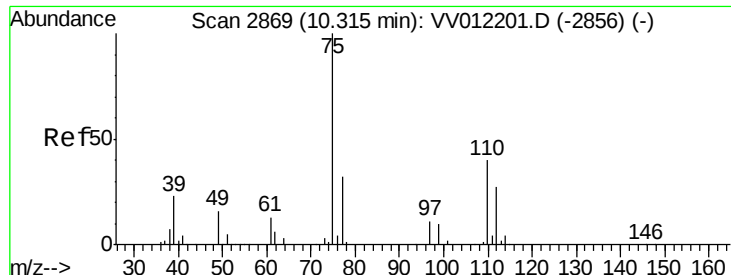
5000

0

8.15 8.20

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.631 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.98 min

Lab File: VV012211.D

Acq: 12 Aug 2019 17:42

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 21252

Ion Ratio Lower Upper

75 100

77 37.0 25.4 38.2

