

Data File : VV012019.D
Acq On : 24 Jul 2019 19:01
Operator : SY/MD
Sample : K3823-05
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jul 25 04:17:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 25 04:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	130118	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	125633	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62574	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29091	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.59	69	26104	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.13	63	49441	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	3.97	46	105649	53.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.90%
24) Chloroform-d	4.40	84	86659	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.08	65	51191	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.00%
32) Benzene-d6	5.10	84	175048	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.12	67	51029	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.36	98	156827	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.67	79	19090	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.14	63	86198	52.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35532	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	64913	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

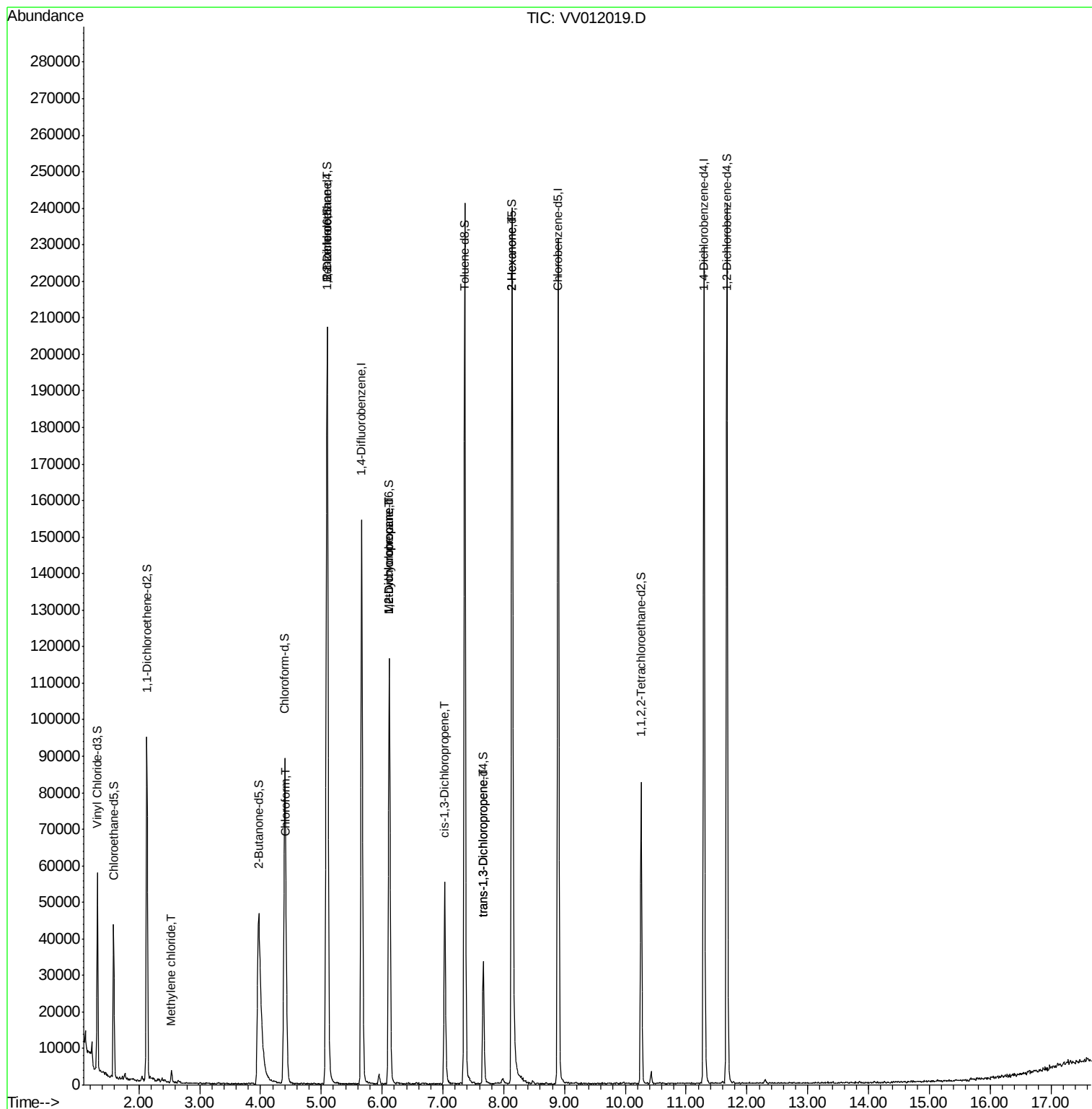
						Qvalue
16) Methylene chloride	2.53	84	1084	0.163	ug/L	94
25) Chloroform	4.43	83	8058	0.410	ug/L	98
27) 1,2-Dichloroethane	5.10	62	1287	0.118	ug/L #	76
35) Methylcyclohexane	6.12	83	13176	0.825	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6414	0.722	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1558	0.118	ug/L	85
44) trans-1,3-Dichloropropene	7.66	75	945	0.090	ug/L	95
48) 2-Hexanone	8.14	43	11477	3.296	ug/L #	70

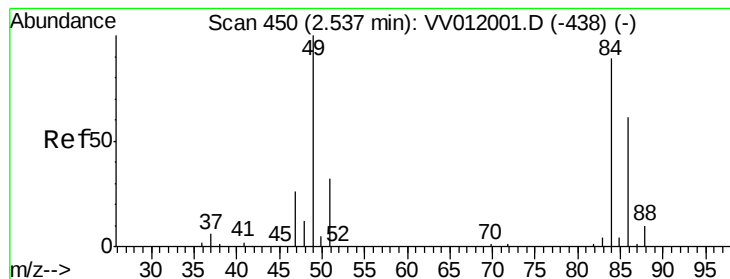
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 25 04:12:02 2019
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.163 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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Acq: 24 Jul 2019 19:01

Instrument :

MSVOA_V

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VHBLK01

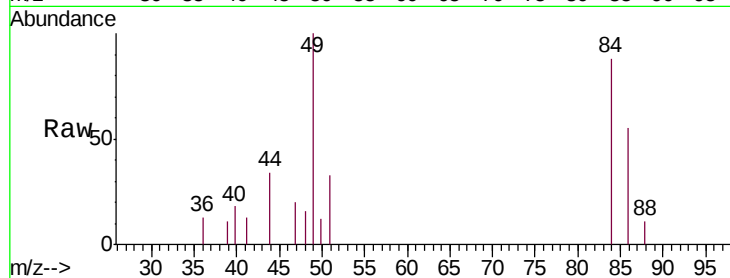
Tgt Ion: 84 Resp: 1084

Ion Ratio Lower Upper

84 100

86 62.1 47.6 88.4

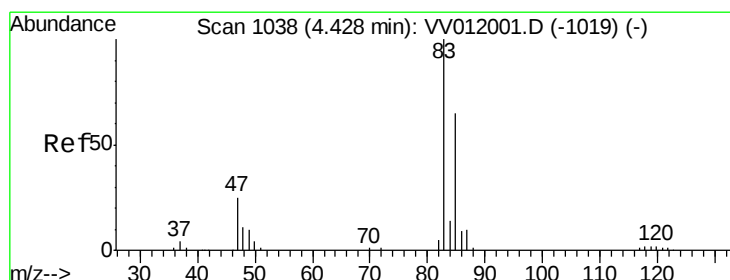
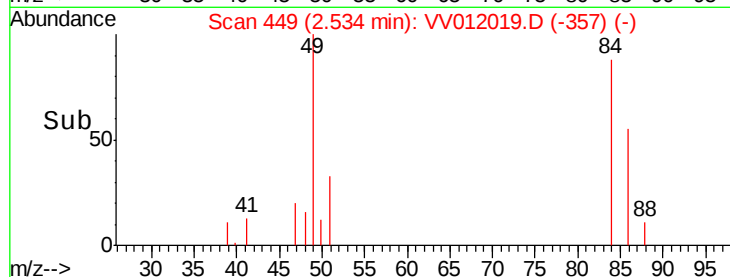
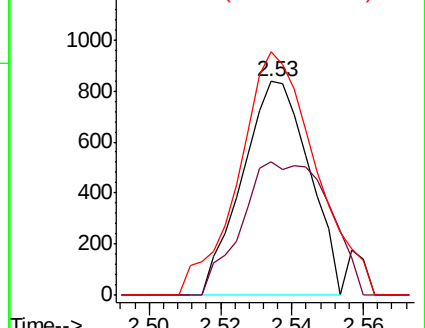
49 113.9 84.3 156.5



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



#25

Chloroform

Concen: 0.410 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

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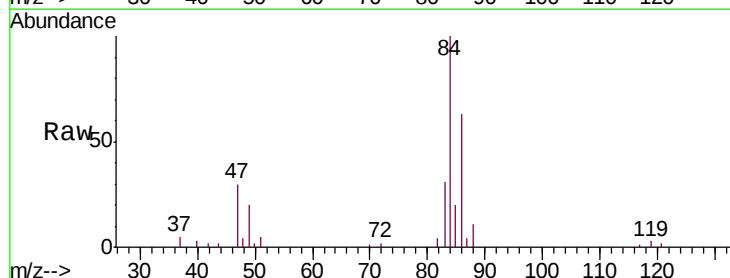
Acq: 24 Jul 2019 19:01

Tgt Ion: 83 Resp: 8058

Ion Ratio Lower Upper

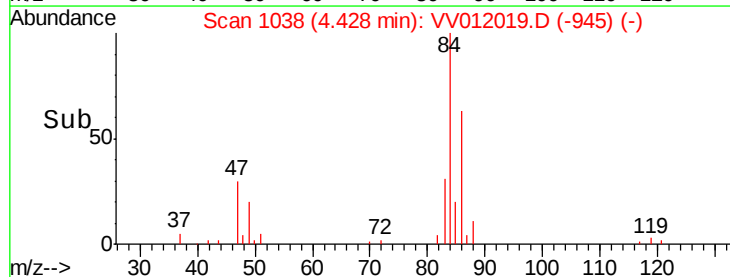
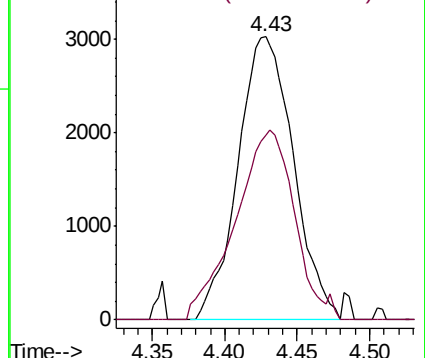
83 100

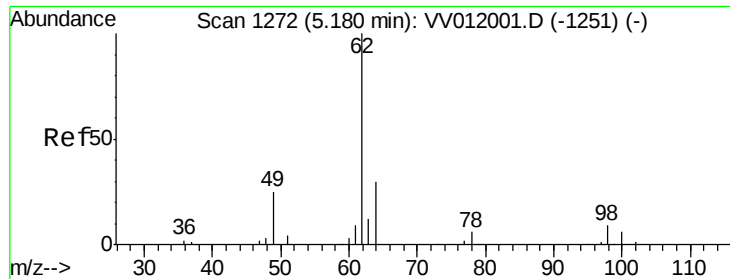
85 65.1 46.5 86.3



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

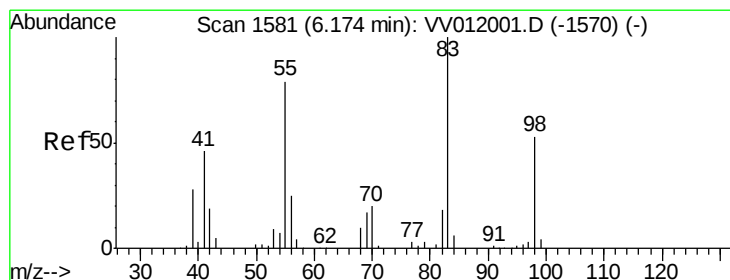
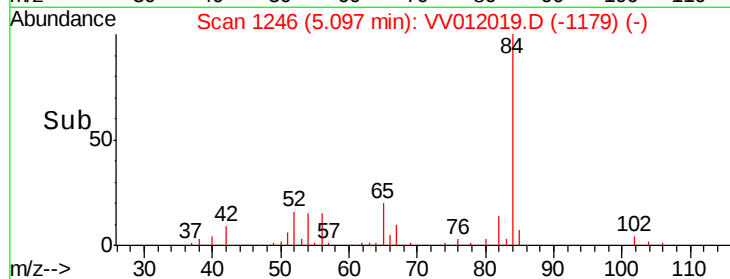
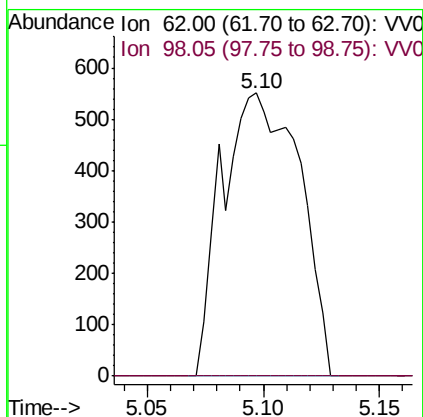
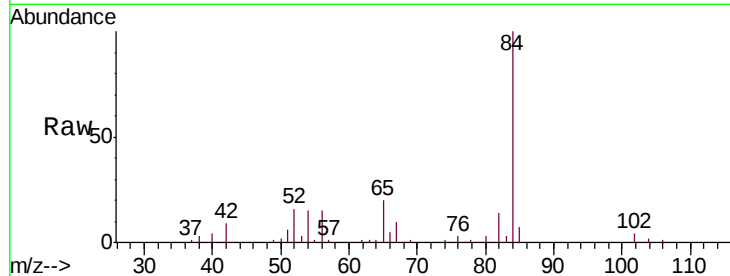




#27
 1,2-Dichloroethane
 Concen: 0.118 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.08 min
 Lab File: VV012019.D
 Acq: 24 Jul 2019 19:01

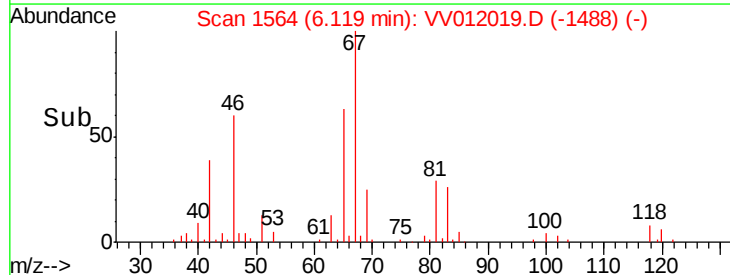
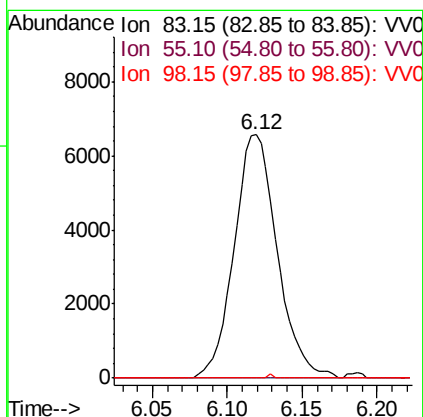
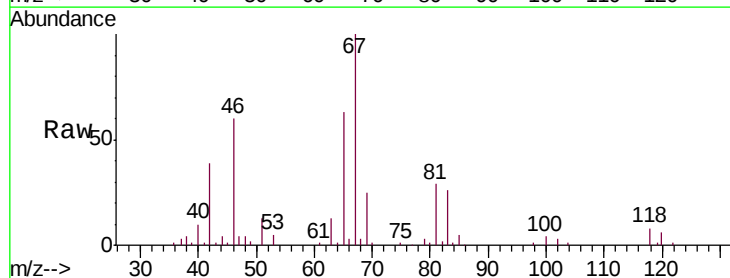
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

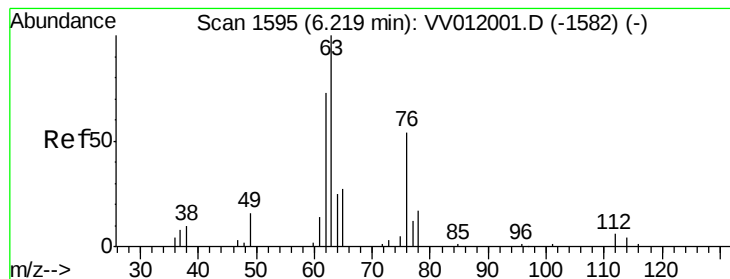
Tgt Ion: 62 Resp: 1287
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.0 10.6#



#35
 Methylcyclohexane
 Concen: 0.825 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.05 min
 Lab File: VV012019.D
 Acq: 24 Jul 2019 19:01

Tgt Ion: 83 Resp: 13176
 Ion Ratio Lower Upper
 83 100
 55 0.0 63.0 94.4#
 98 0.2 41.4 62.0#





#37

1,2-Dichloropropane

Concen: 0.722 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV012019.D

Acq: 24 Jul 2019 19:01

Instrument :

MSVOA_V

ClientSampleId :

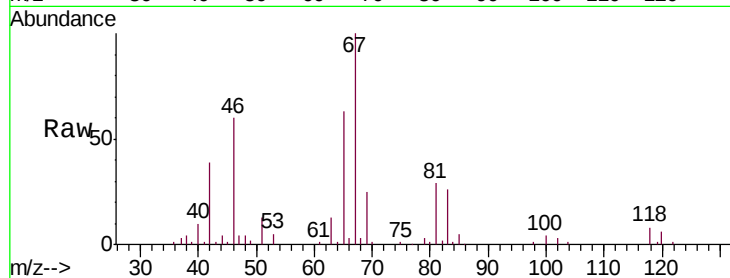
VHBLK01

Tgt Ion: 63 Resp: 6414

Ion Ratio Lower Upper

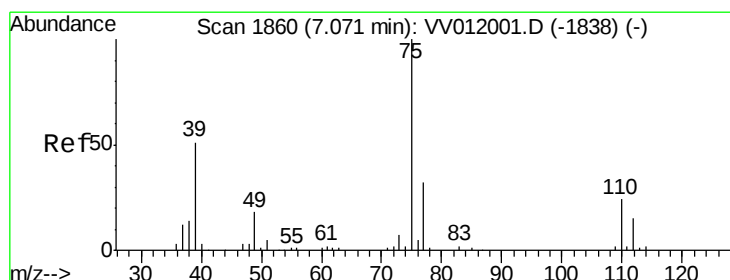
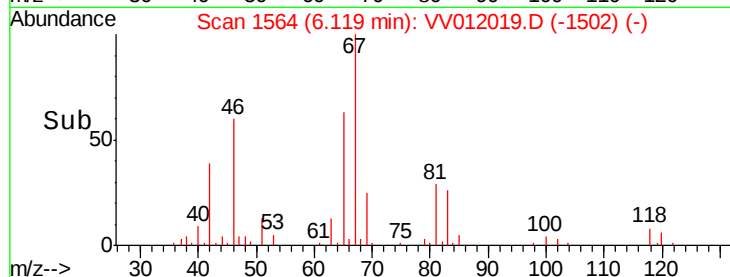
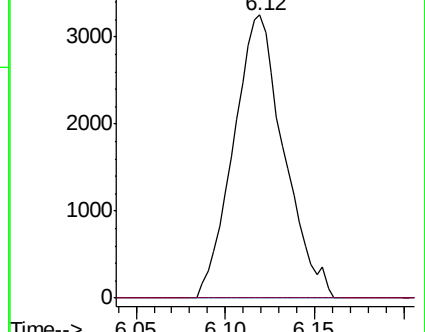
63 100

112 0.0 4.2 6.4#



Abundance Ion 63.10 (62.80 to 63.80): VV012019.D (-1502) (-)

Ion 112.10 (111.80 to 112.80): VV012019.D (-1502) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.118 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV012019.D

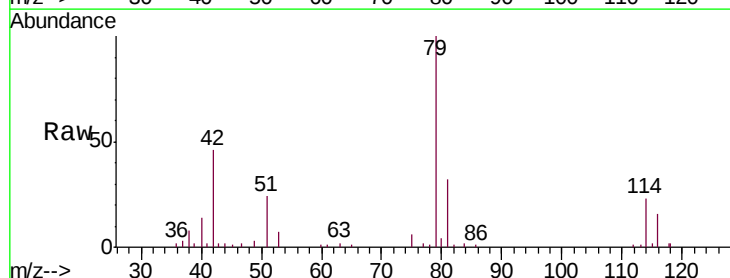
Acq: 24 Jul 2019 19:01

Tgt Ion: 75 Resp: 1558

Ion Ratio Lower Upper

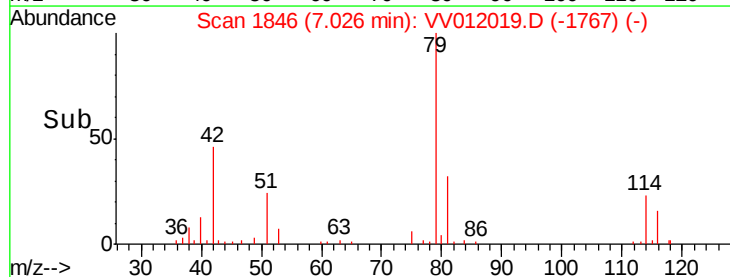
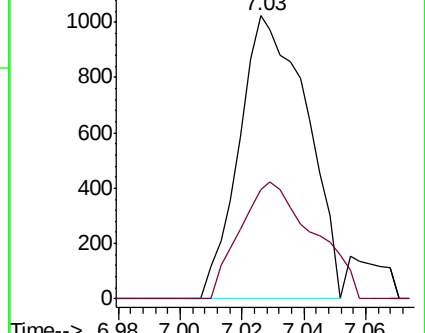
75 100

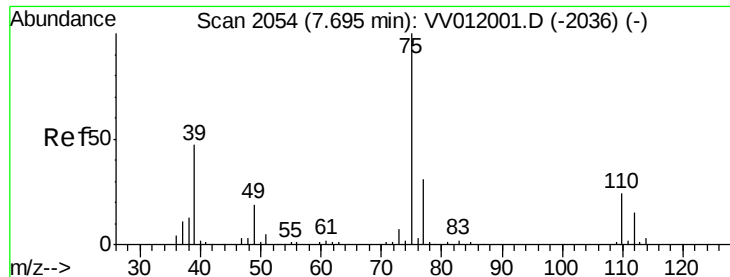
77 38.4 21.3 39.6



Abundance Ion 75.05 (74.75 to 75.75): VV012019.D (-1767) (-)

Ion 77.05 (76.75 to 77.75): VV012019.D (-1767) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012019.D

Acq: 24 Jul 2019 19:01

Instrument :

MSVOA_V

ClientSampleId :

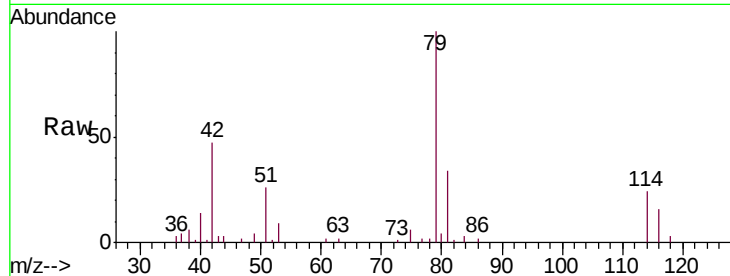
VHBLK01

Tgt Ion: 75 Resp: 945

Ion Ratio Lower Upper

75 100

77 33.9 22.0 40.8



Abundance Ion 75.05 (74.75 to 75.75): VV012001.D (-2036) (-)

Ion 77.05 (76.75 to 77.75): VV012001.D (-2036) (-)

7.66

600

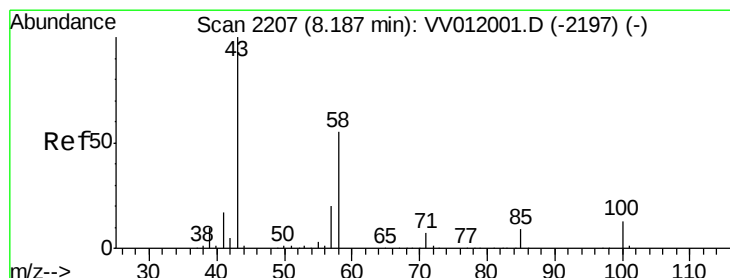
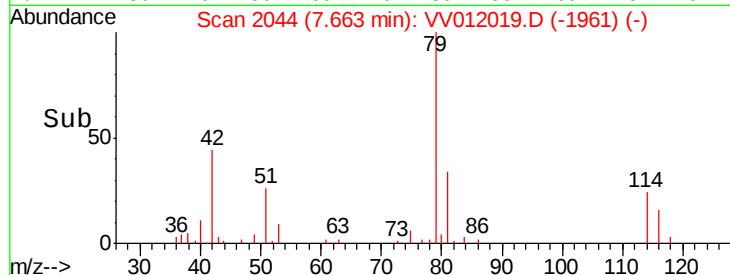
400

200

0

7.62 7.64 7.66 7.68 7.70

Time-->



#48

2-Hexanone

Concen: 3.296 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV012019.D

Acq: 24 Jul 2019 19:01

Tgt Ion: 43 Resp: 11477

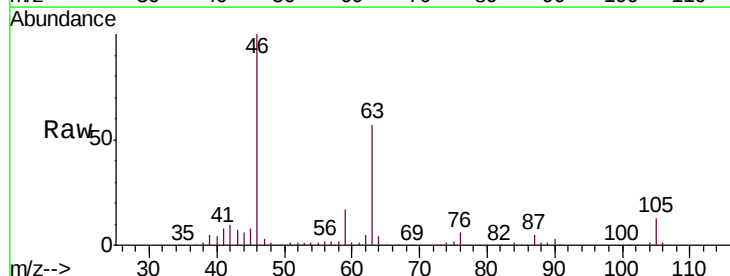
Ion Ratio Lower Upper

43 100

58 29.1 43.7 65.5#

57 28.4 16.0 24.0#

100 2.0 10.5 15.7#



Abundance Ion 43.05 (42.75 to 43.75): VV012001.D (-2197) (-)

Ion 58.05 (57.75 to 58.75): VV012001.D (-2197) (-)

Ion 57.20 (56.90 to 57.90): VV012001.D (-2197) (-)

Ion 100.15 (99.85 to 100.85): VV012001.D (-2197) (-)

8.14

8000

6000

4000

2000

0

8.10 8.15 8.20

Time-->

