

Data File : VV009438.D
Acq On : 28 Feb 2019 21:40
Operator : SY/MD
Sample : K1599-17
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CWK04

Quant Time: Mar 01 03:56:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 03:49:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	91396	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	87156	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41657	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22576	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.58	69	20883	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.13	63	44961	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	3.95	46	52419	57.90	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.80%
24) Chloroform-d	4.41	84	48411	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.09	65	24795	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.10	84	99457	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	6.12	67	29206	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.36	98	99839	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
43) trans-1,3-Dichloropropene-	7.67	79	11695	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.14	63	49210	60.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	23403	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	36003	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

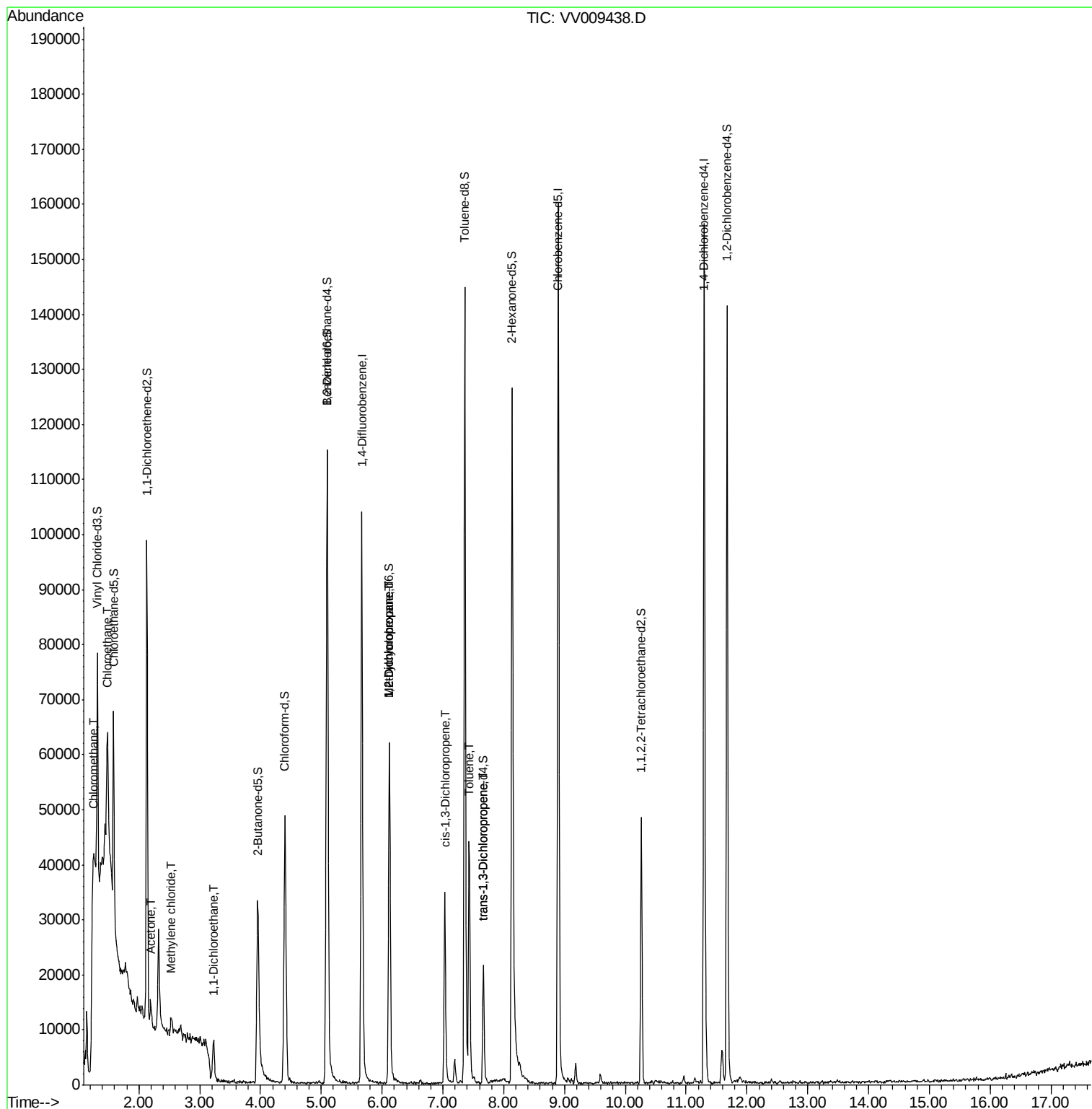
					Qvalue	
3) Chloromethane	1.25	50	1792	0.301	ug/L #	41
8) Chloroethane	1.48	64	108452	25.004	ug/L #	52
13) Acetone	2.20	43	3848	4.474	ug/L	92
16) Methylene chloride	2.54	84	821	0.123	ug/L #	66
19) 1,1-Dichloroethane	3.23	63	6400	0.728	ug/L	94
35) Methylcyclohexane	6.12	83	6815	0.649	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	3658	0.660	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1108	0.127	ug/L #	62
42) Toluene	7.43	91	32440	1.257	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	625	0.092	ug/L #	75

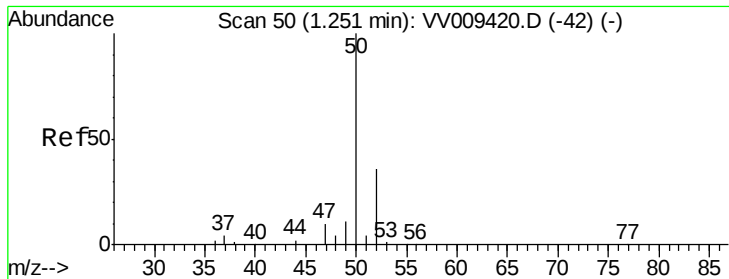
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.301 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV009438.D

Acq: 28 Feb 2019 21:40

Instrument :

MSVOA_V

ClientSampleId :

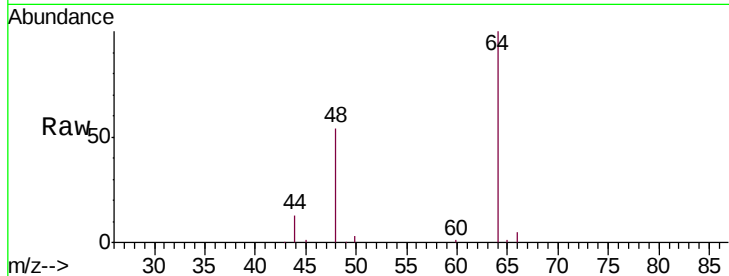
CWK04

Tgt Ion: 50 Resp: 1792

Ion Ratio Lower Upper

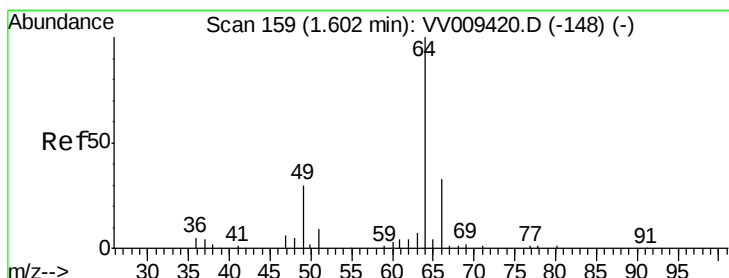
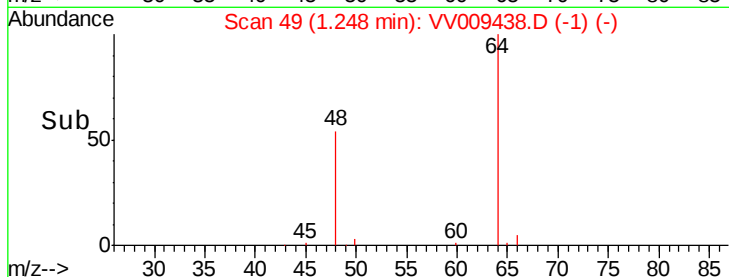
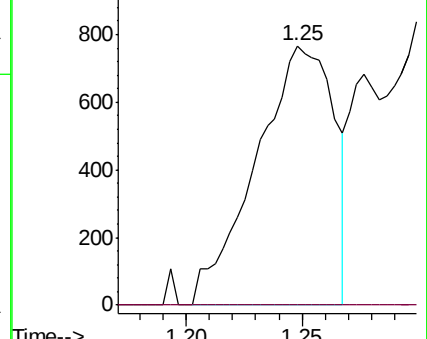
50 100

52 0.0 23.5 43.7#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 25.004 ug/L

RT: 1.48 min Scan# 122

Delta R.T. -0.12 min

Lab File: VV009438.D

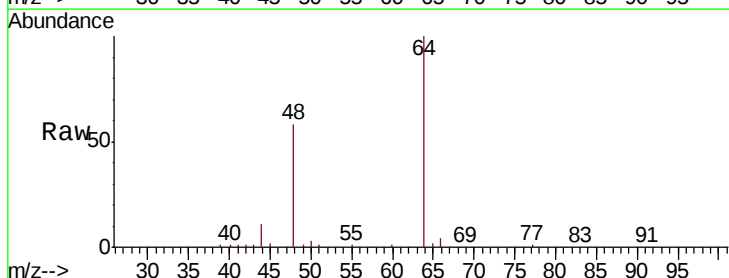
Acq: 28 Feb 2019 21:40

Tgt Ion: 64 Resp: 108452

Ion Ratio Lower Upper

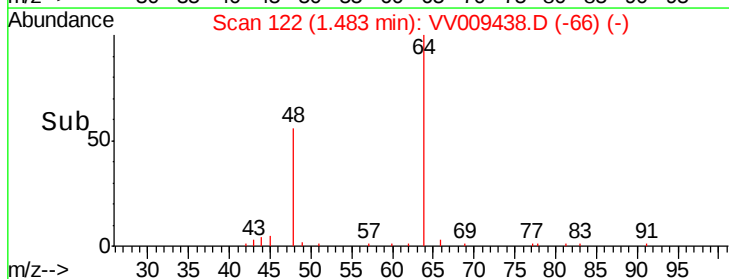
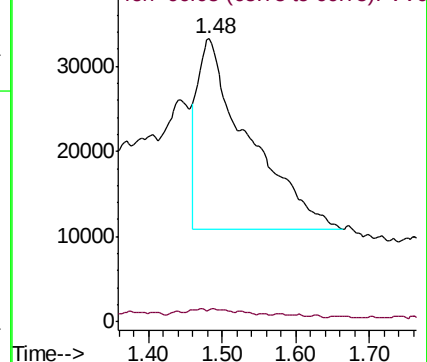
64 100

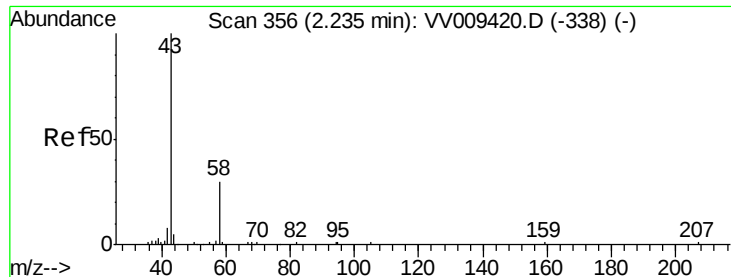
66 4.2 21.3 39.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#13

Acetone

Concen: 4.474 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.04 min

Lab File: VV009438.D

Acq: 28 Feb 2019 21:40

Instrument :

MSVOA_V

ClientSampled :

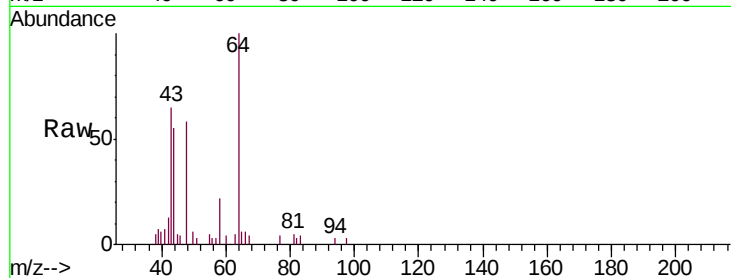
CWK04

Tgt Ion: 43 Resp: 3848

Ion Ratio Lower Upper

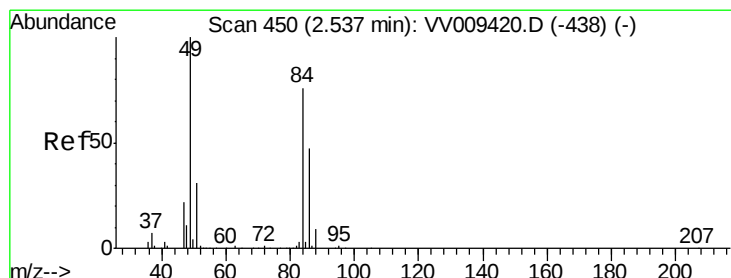
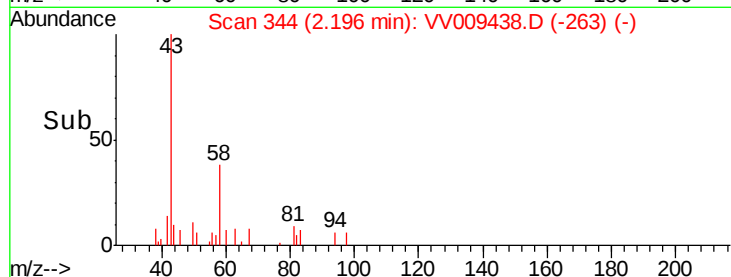
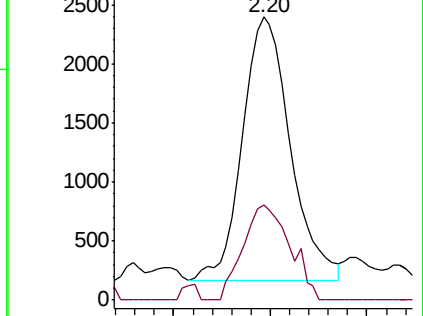
43 100

58 35.2 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV009420.D (-338) (-)

Ion 58.05 (57.75 to 58.75): VV009420.D (-338) (-)



#16

Methylene chloride

Concen: 0.123 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009438.D

Acq: 28 Feb 2019 21:40

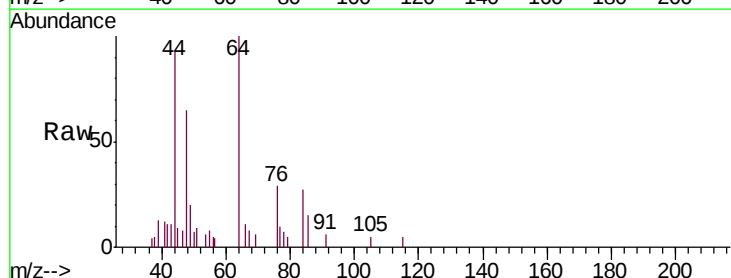
Tgt Ion: 84 Resp: 821

Ion Ratio Lower Upper

84 100

86 56.0 42.8 79.4

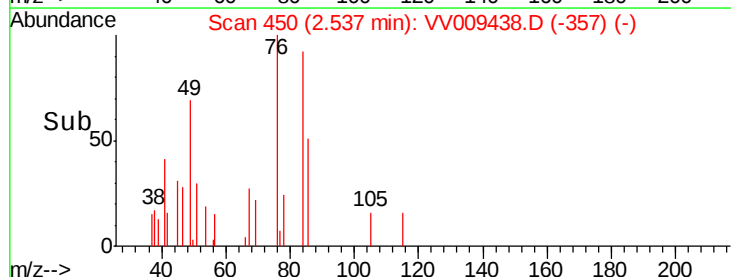
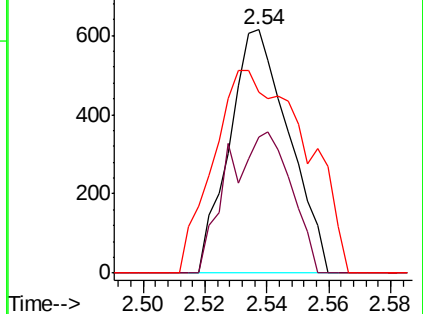
49 74.6 90.6 168.2#

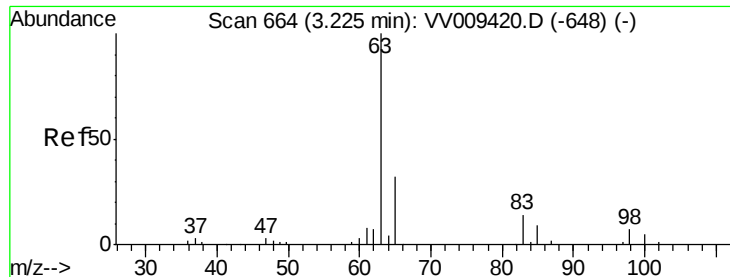


Abundance Ion 84.05 (83.75 to 84.75): VV009420.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV009420.D (-438) (-)

Ion 49.10 (48.80 to 49.80): VV009420.D (-438) (-)

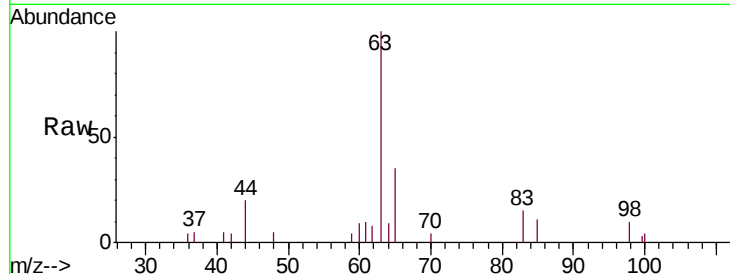




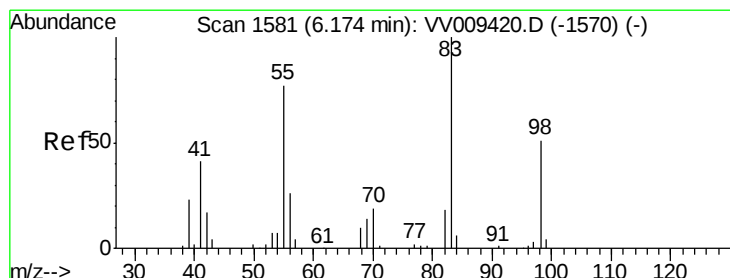
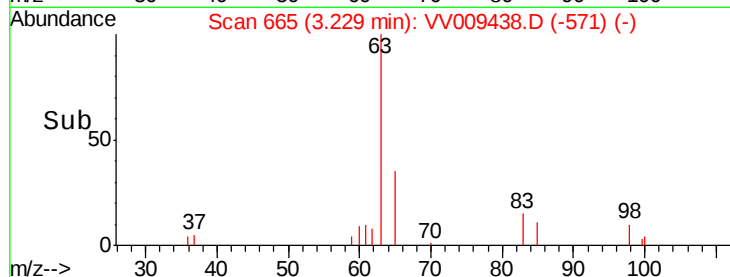
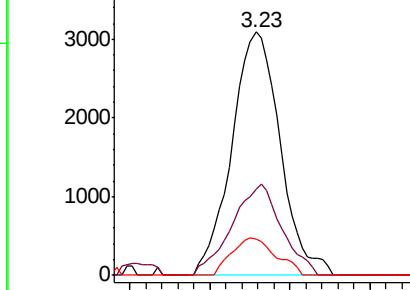
#19
 1,1-Dichloroethane
 Concen: 0.728 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: VV009438.D
 Acq: 28 Feb 2019 21:40

Instrument :
 MSVOA_V
 ClientSampleId :
 CWK04

Tgt Ion: 63 Resp: 6400
 Ion Ratio Lower Upper
 63 100
 65 35.3 21.6 40.2
 83 14.7 10.4 19.4

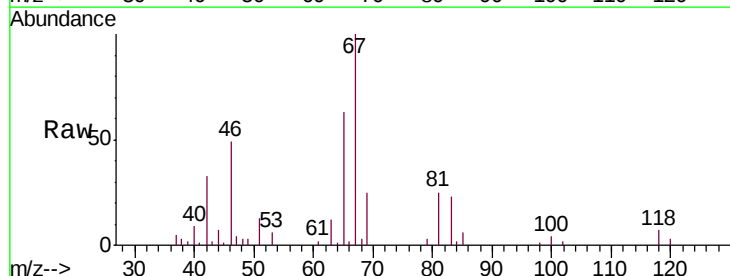


Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 65.10 (64.80 to 65.80): VV0
 Ion 83.05 (82.75 to 83.75): VV0

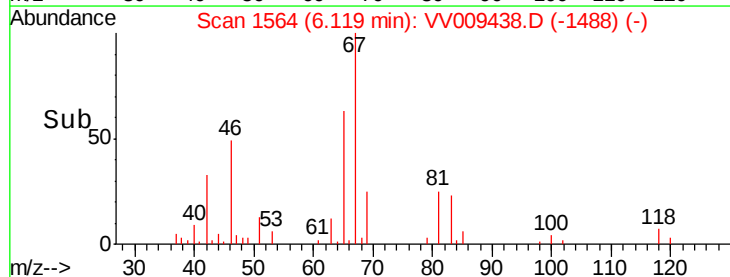
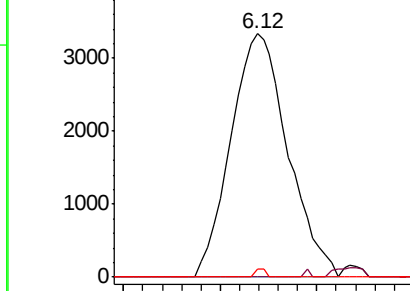


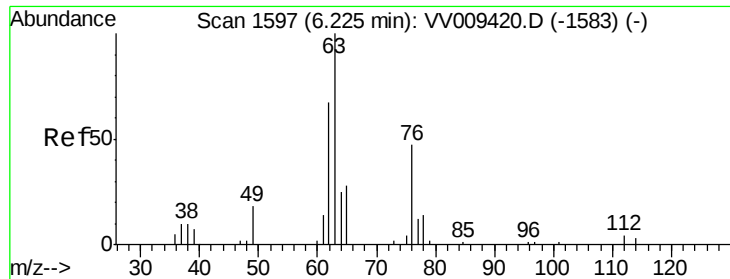
#35
 Methylcyclohexane
 Concen: 0.649 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.05 min
 Lab File: VV009438.D
 Acq: 28 Feb 2019 21:40

Tgt Ion: 83 Resp: 6815
 Ion Ratio Lower Upper
 83 100
 55 0.3 59.8 89.8#
 98 0.6 39.9 59.9#



Abundance Ion 83.15 (82.85 to 83.85): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0

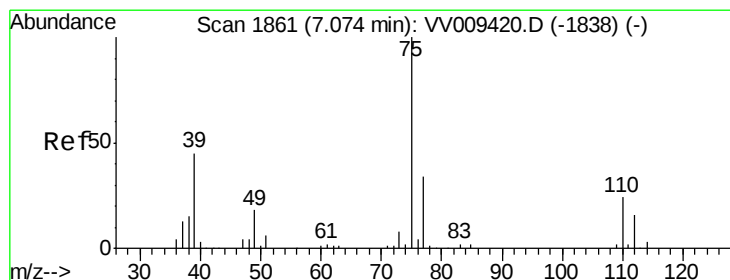
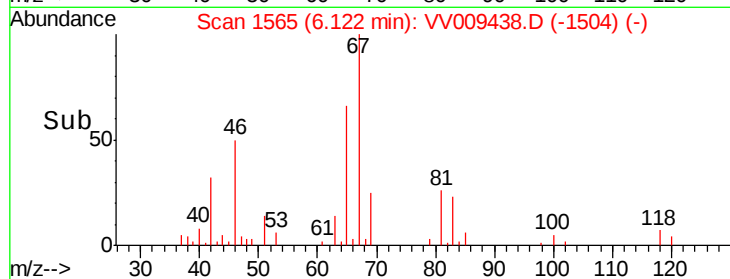
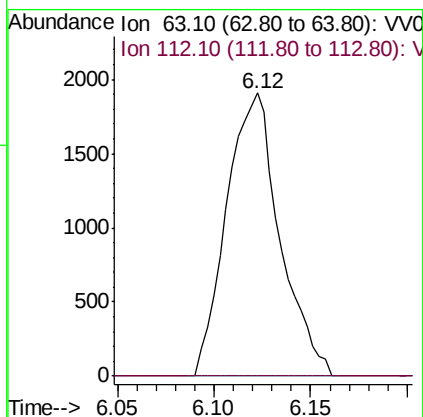
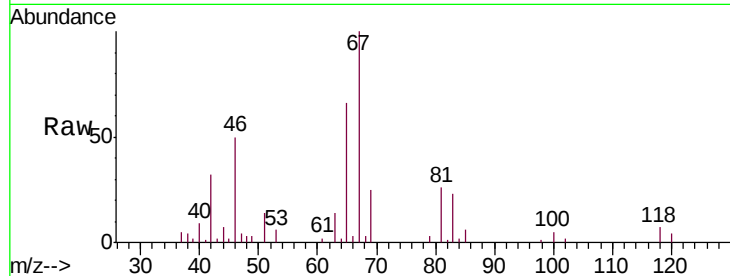




#37
 1,2-Dichloropropane
 Concen: 0.660 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV009438.D
 Acq: 28 Feb 2019 21:40

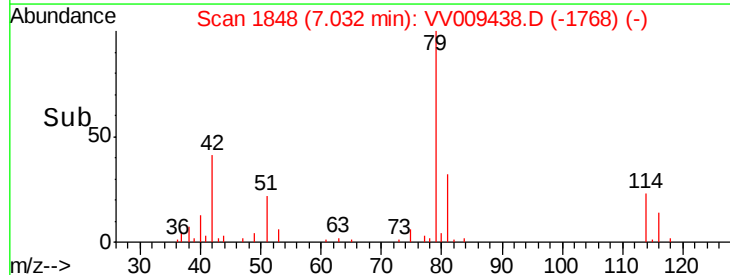
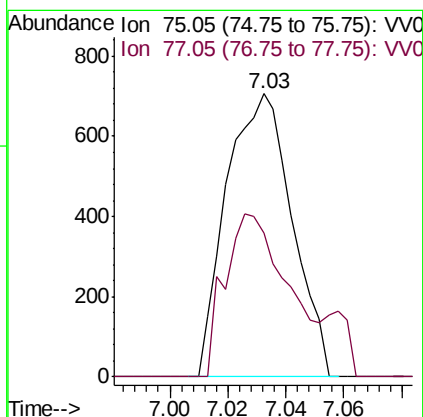
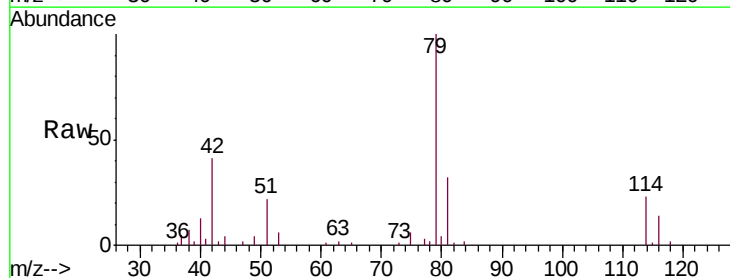
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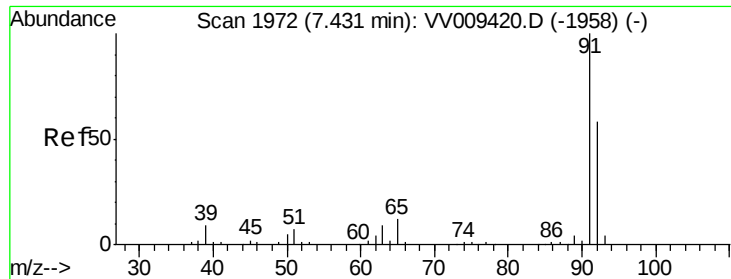
Tgt Ion: 63 Resp: 3658
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.127 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009438.D
 Acq: 28 Feb 2019 21:40

Tgt Ion: 75 Resp: 1108
 Ion Ratio Lower Upper
 75 100
 77 50.8 21.1 39.1#





#42

Toluene

Concen: 1.257 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV009438.D

Acq: 28 Feb 2019 21:40

Instrument :

MSVOA_V

ClientSampleId :

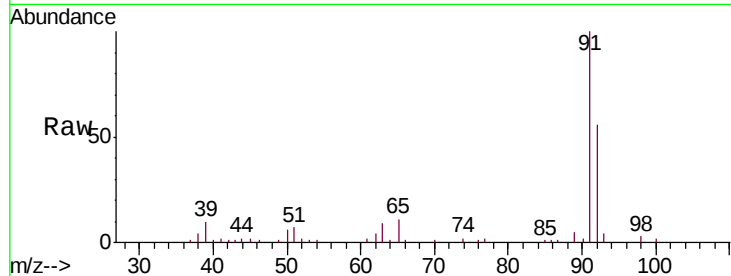
CWK04

Tgt Ion: 91 Resp: 32440

Ion Ratio Lower Upper

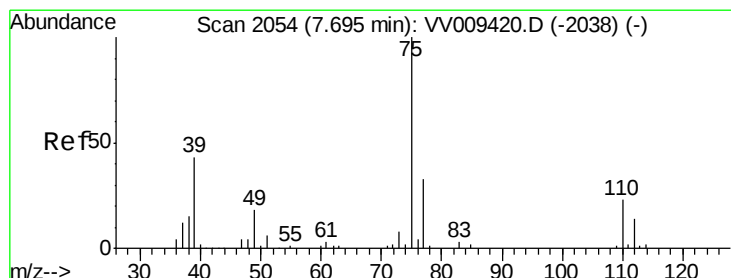
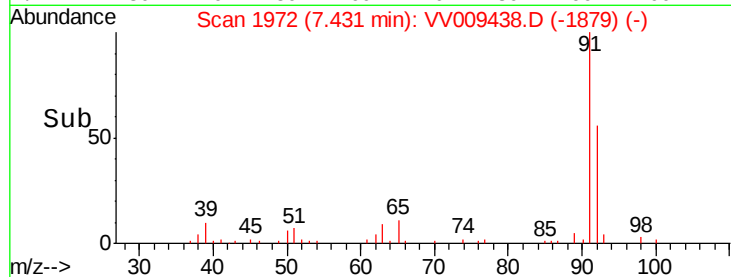
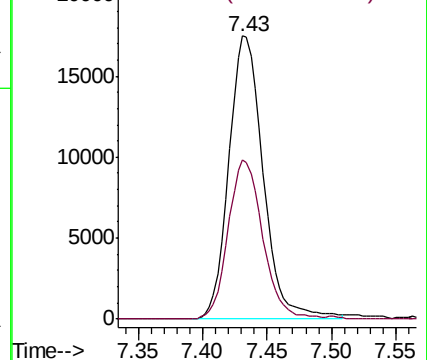
91 100

92 56.4 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VV009438.D (-1879) (-)

Ion 92.15 (91.85 to 92.85): VV009438.D (-1879) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV009438.D

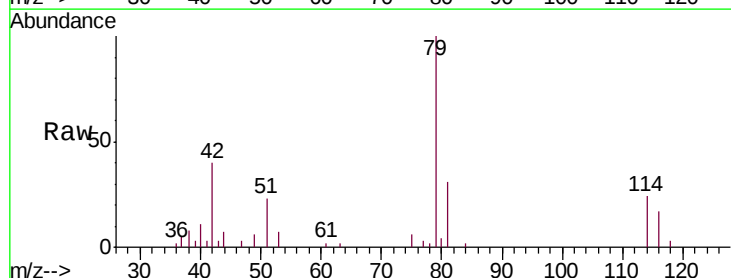
Acq: 28 Feb 2019 21:40

Tgt Ion: 75 Resp: 625

Ion Ratio Lower Upper

75 100

77 45.7 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV009438.D (-1961) (-)

Ion 77.05 (76.75 to 77.75): VV009438.D (-1961) (-)

