

Data File : VV009422.D
Acq On : 28 Feb 2019 14:48
Operator : SY/MD
Sample : K1599-01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CWJW5

Quant Time: Mar 01 03:53:32 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	5.66	114	119438	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	115525	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55025	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31814	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.58	69	28069	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.13	63	58238	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	3.97	46	65095	55.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.04%
24) Chloroform-d	4.40	84	60034	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.08	65	31382	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.10	84	130075	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.12	67	37046	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.36	98	128527	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	7.66	79	15863	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.14	63	56081	52.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	27832	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	44787	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

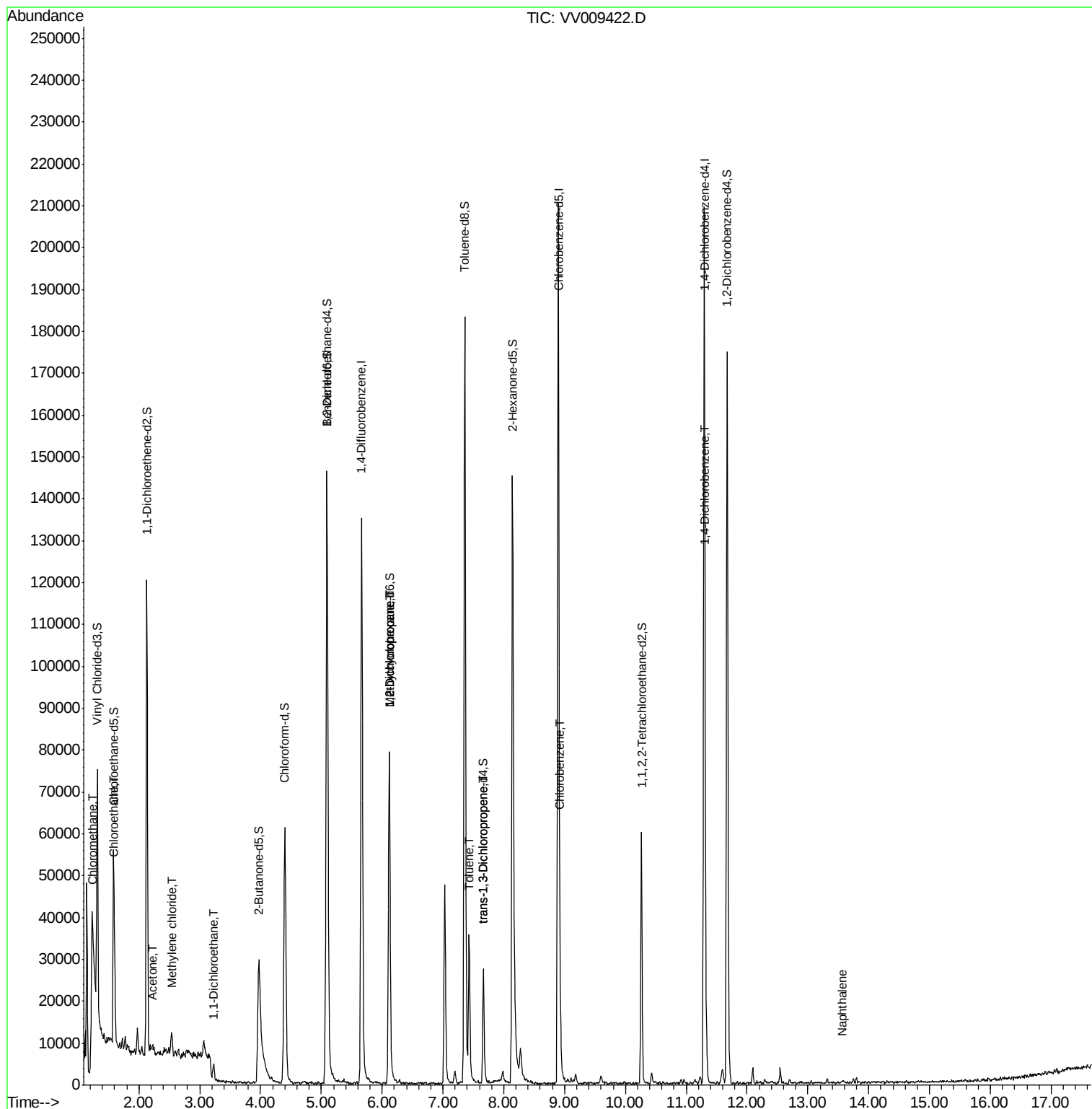
					Qvalue	
3) Chloromethane	1.25	50	1576	0.203	ug/L #	82
8) Chloroethane	1.60	64	14060	2.481	ug/L	93
13) Acetone	2.23	43	3893	3.464	ug/L	97
16) Methylene chloride	2.54	84	2087	0.240	ug/L	86
19) 1,1-Dichloroethane	3.23	63	3727	0.325	ug/L	99
35) Methylcyclohexane	6.12	83	9389	0.674	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	4420	0.602	ug/L #	88
42) Toluene	7.43	91	24741	0.723	ug/L	94
44) trans-1,3-Dichloropropene	7.66	75	949	0.105	ug/L	97
51) Chlorobenzene	8.93	112	8112	0.364	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	3577	0.211	ug/L #	86
69) Naphthalene	13.56	128	1122	0.072	ug/L #	70

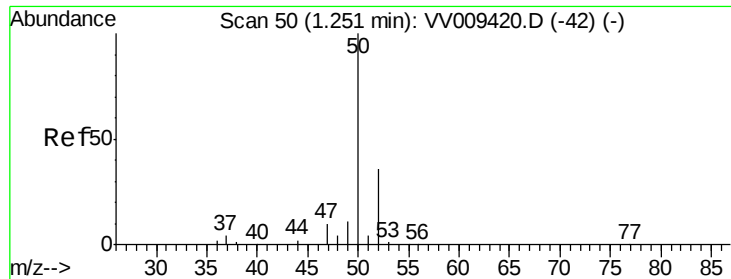
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.203 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV009422.D

Acq: 28 Feb 2019 14:48

Instrument :

MSVOA_V

ClientSampleId :

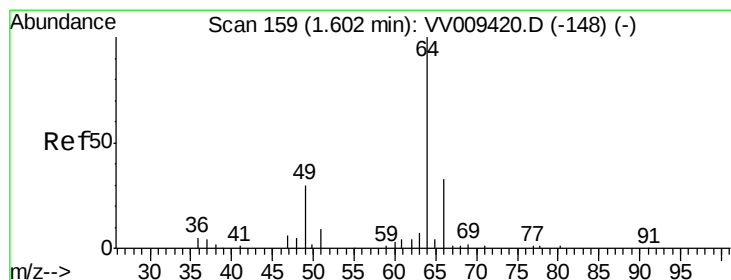
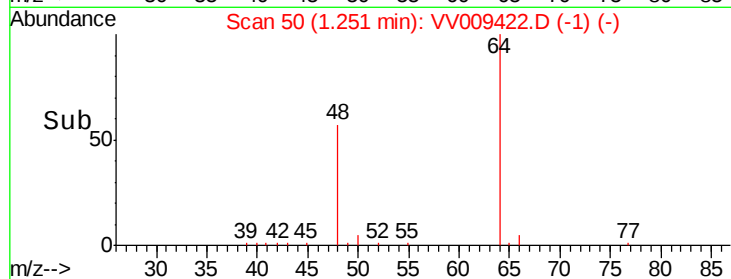
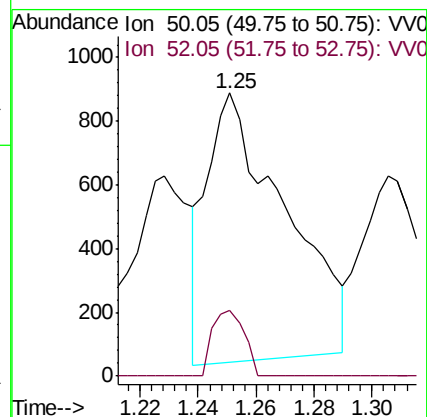
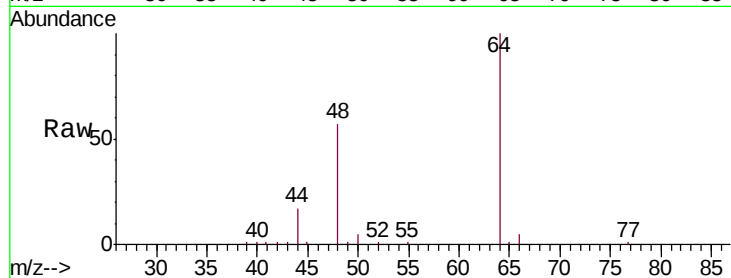
CWJW5

Tgt Ion: 50 Resp: 1576

Ion Ratio Lower Upper

50 100

52 23.1 23.5 43.7#



#8

Chloroethane

Concen: 2.481 ug/L

RT: 1.60 min Scan# 159

Delta R.T. -0.00 min

Lab File: VV009422.D

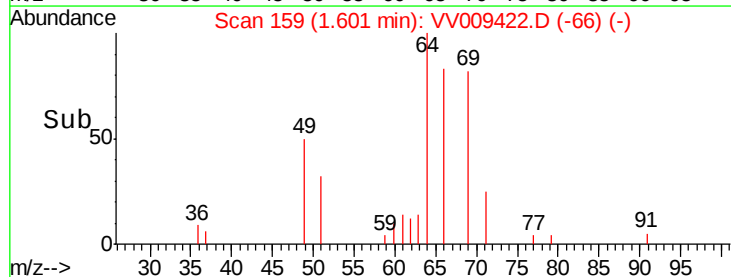
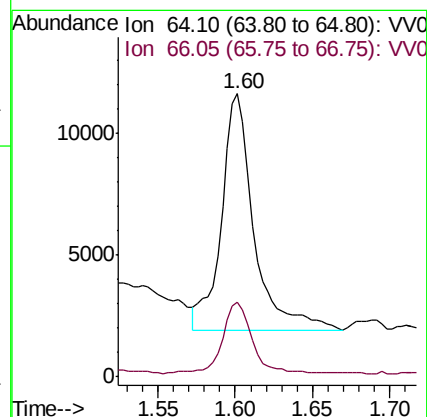
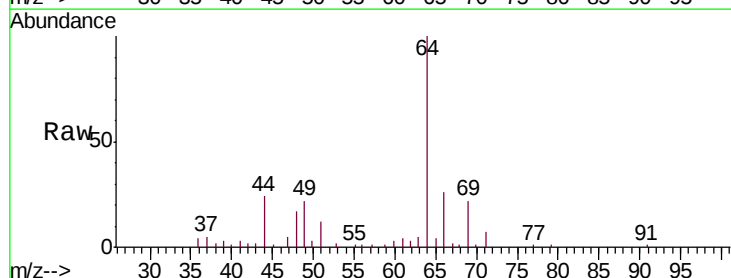
Acq: 28 Feb 2019 14:48

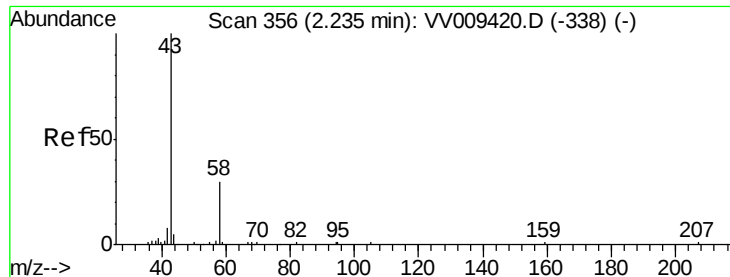
Tgt Ion: 64 Resp: 14060

Ion Ratio Lower Upper

64 100

66 26.3 21.3 39.5





#13

Acetone

Concen: 3.464 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.01 min

Lab File: VV009422.D

Acq: 28 Feb 2019 14:48

Instrument :

MSVOA_V

ClientSampleId :

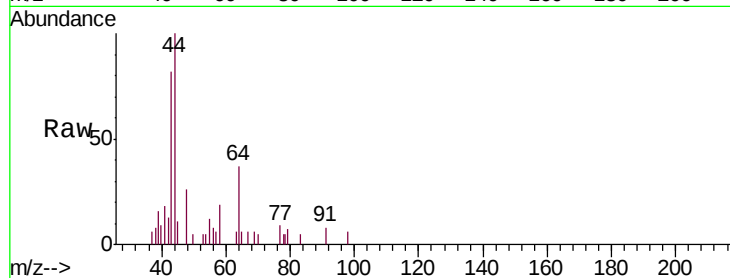
CWJW5

Tgt Ion: 43 Resp: 3893

Ion Ratio Lower Upper

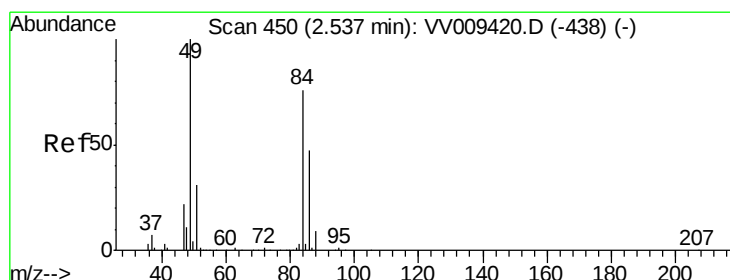
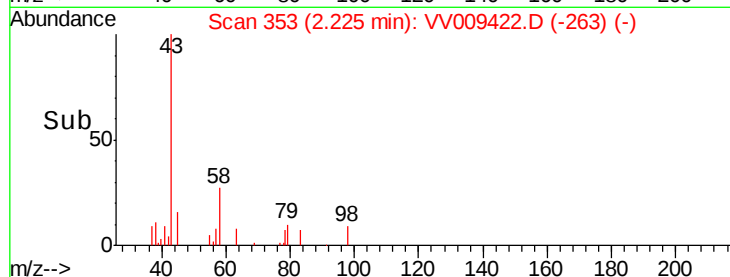
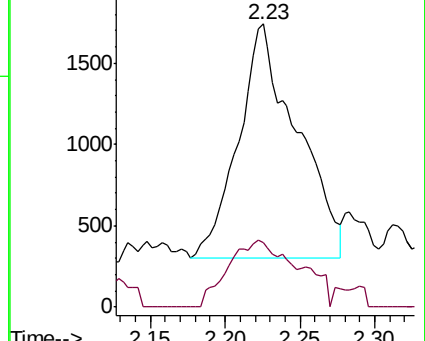
43 100

58 29.3 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV009422.D (-338) (-)

Ion 58.05 (57.75 to 58.75): VV009422.D (-338) (-)



#16

Methylene chloride

Concen: 0.240 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV009422.D

Acq: 28 Feb 2019 14:48

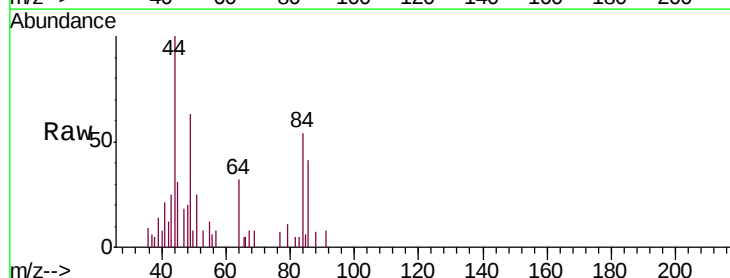
Tgt Ion: 84 Resp: 2087

Ion Ratio Lower Upper

84 100

86 74.7 42.8 79.4

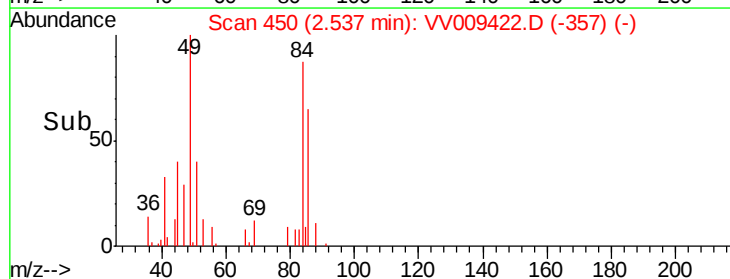
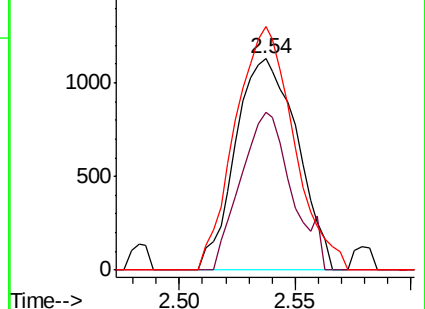
49 115.1 90.6 168.2

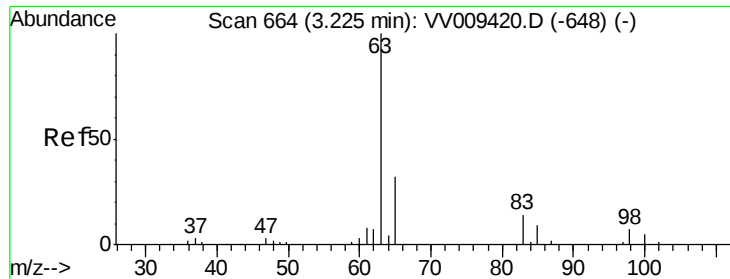


Abundance Ion 84.05 (83.75 to 84.75): VV009422.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV009422.D (-438) (-)

Ion 49.10 (48.80 to 49.80): VV009422.D (-438) (-)

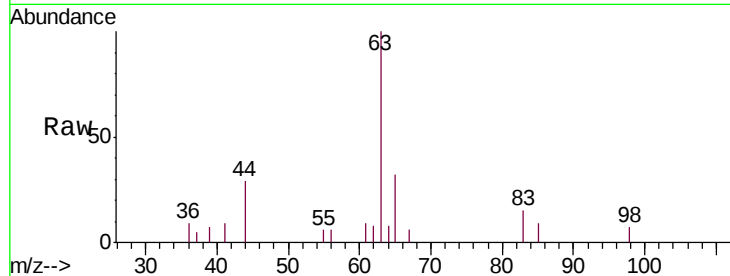




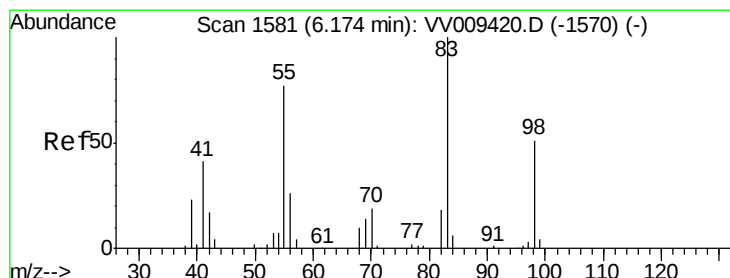
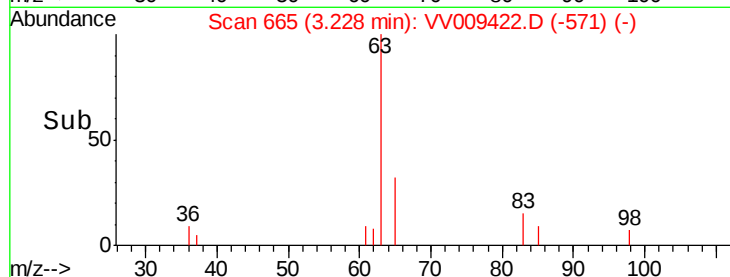
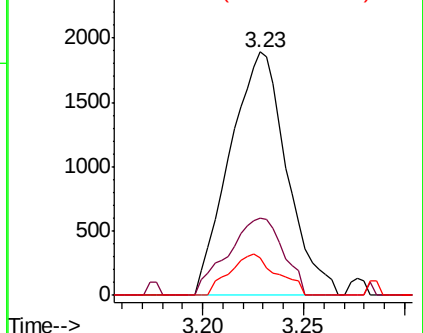
#19
 1,1-Dichloroethane
 Concen: 0.325 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: VV009422.D
 Acq: 28 Feb 2019 14:48

Instrument :
 MSVOA_V
 ClientSampleId :
 CWJW5

Tgt Ion: 63 Resp: 3727
 Ion Ratio Lower Upper
 63 100
 65 31.8 21.6 40.2
 83 15.2 10.4 19.4

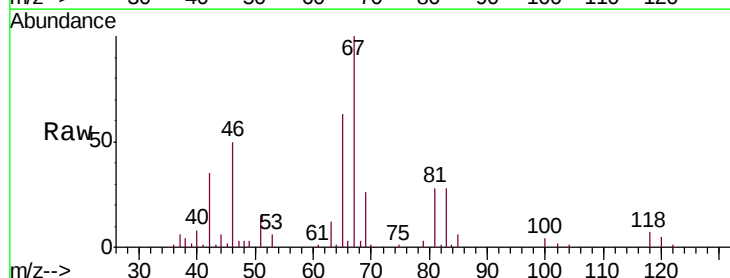


Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 65.10 (64.80 to 65.80): VV0
 Ion 83.05 (82.75 to 83.75): VV0

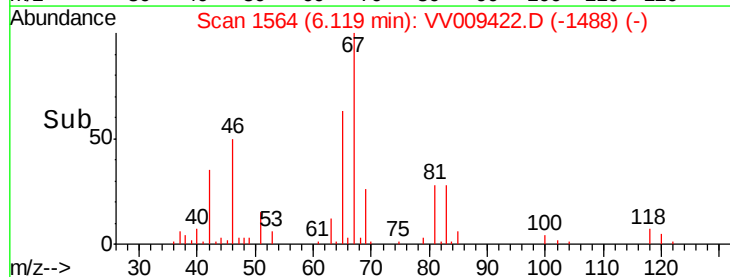
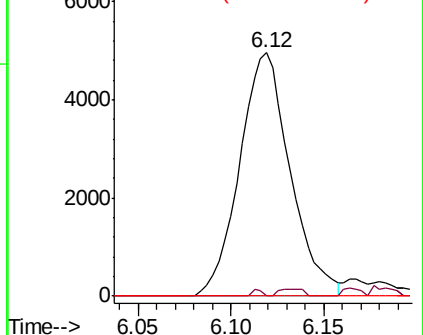


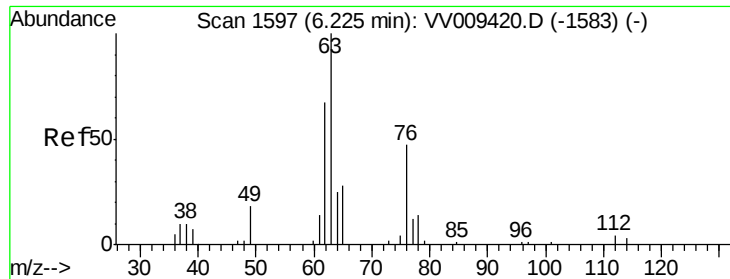
#35
 Methylcyclohexane
 Concen: 0.674 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.05 min
 Lab File: VV009422.D
 Acq: 28 Feb 2019 14:48

Tgt Ion: 83 Resp: 9389
 Ion Ratio Lower Upper
 83 100
 55 0.5 59.8 89.8#
 98 0.0 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

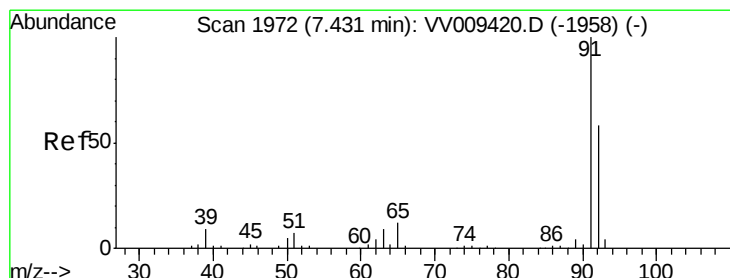
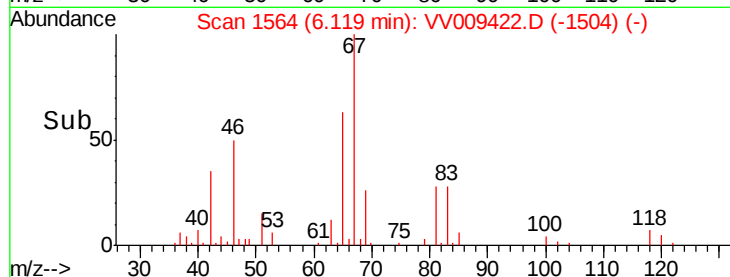
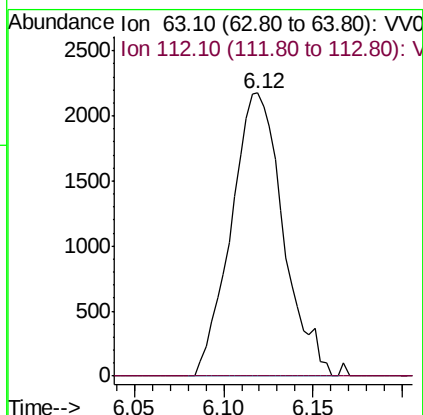
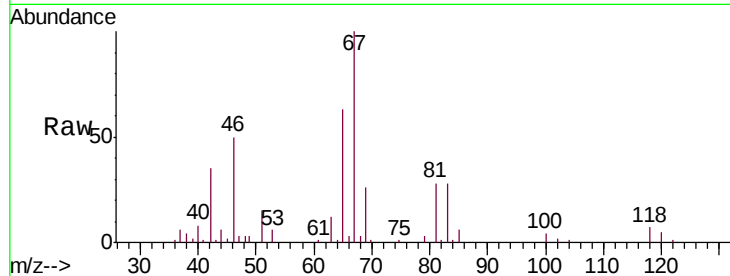




#37
 1,2-Dichloropropane
 Concen: 0.602 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.11 min
 Lab File: VV009422.D
 Acq: 28 Feb 2019 14:48

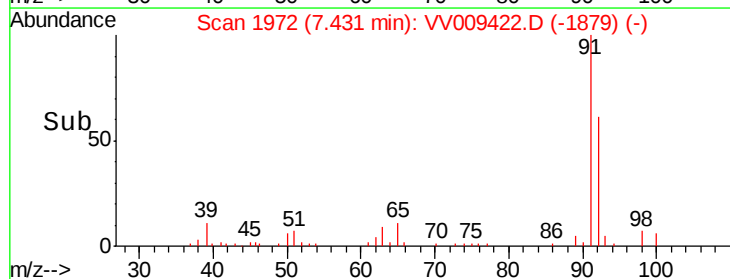
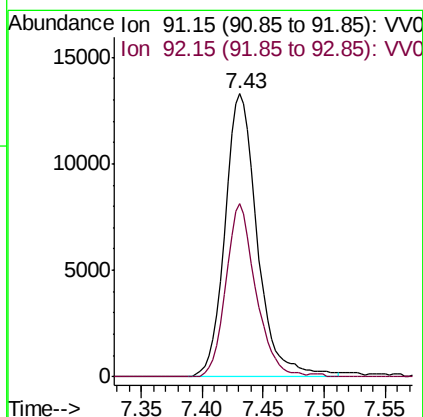
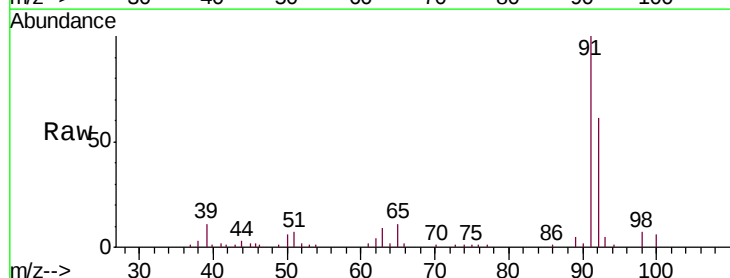
Instrument :
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 ClientSampleId :
 CWJW5

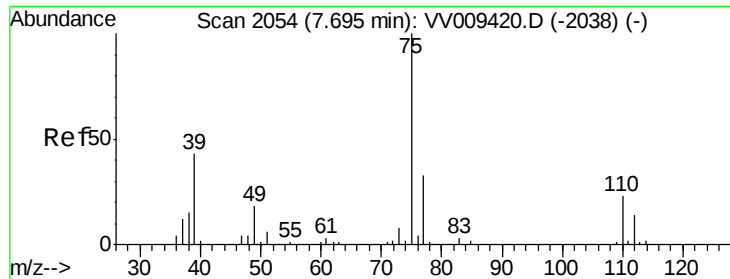
Tgt Ion: 63 Resp: 4420
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#42
 Toluene
 Concen: 0.723 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VV009422.D
 Acq: 28 Feb 2019 14:48

Tgt Ion: 91 Resp: 24741
 Ion Ratio Lower Upper
 91 100
 92 61.2 39.8 73.8





#44

trans-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009422.D

Acq: 28 Feb 2019 14:48

Instrument :

MSVOA_V

ClientSampleId :

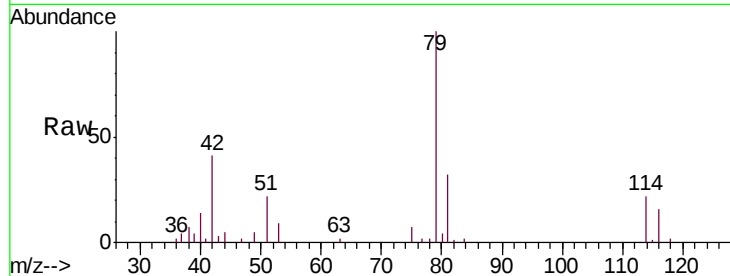
CWJW5

Tgt Ion: 75 Resp: 949

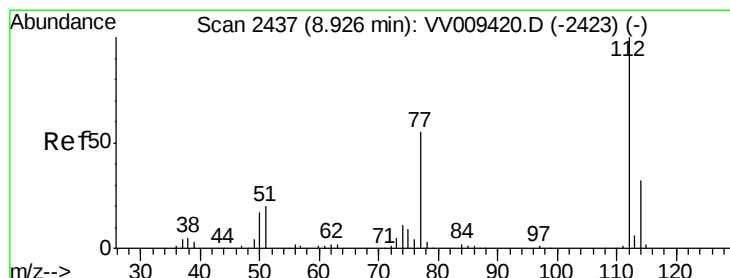
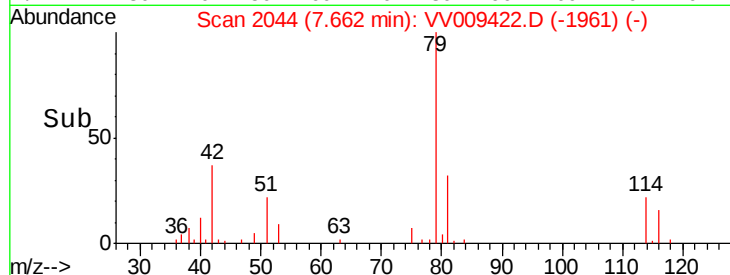
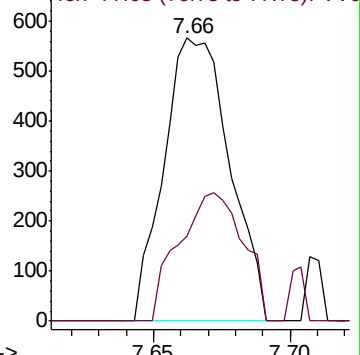
Ion Ratio Lower Upper

75 100

77 29.9 22.2 41.2



Abundance Ion 75.05 (74.75 to 75.75): VV009422.D (-1961) (-)



#51

Chlorobenzene

Concen: 0.364 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. -0.00 min

Lab File: VV009422.D

Acq: 28 Feb 2019 14:48

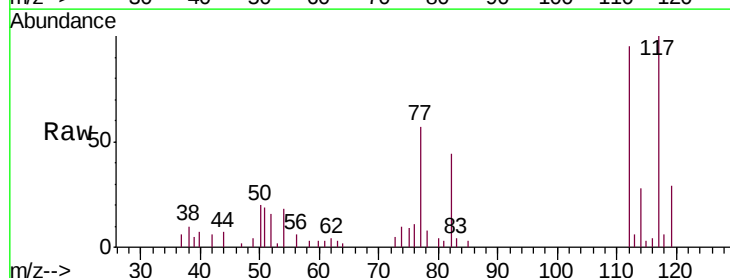
Tgt Ion: 112 Resp: 8112

Ion Ratio Lower Upper

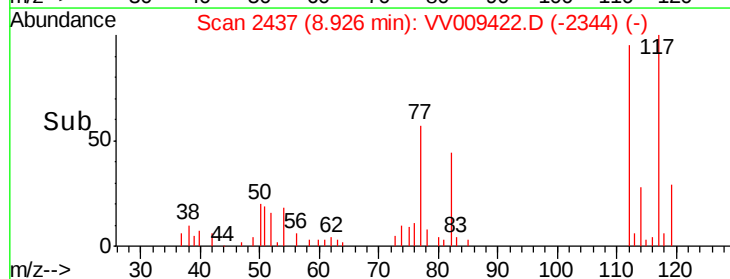
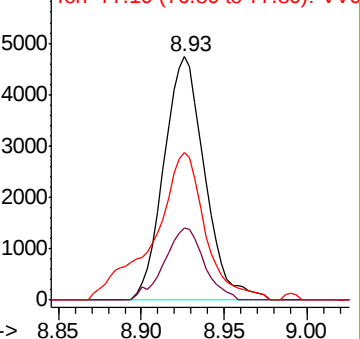
112 100

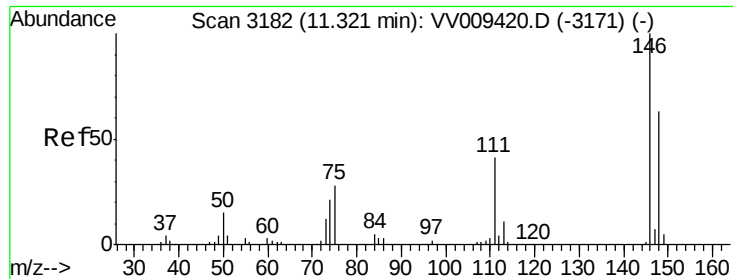
114 29.4 23.2 43.2

77 60.5 45.7 68.5



Abundance Ion 112.10 (111.80 to 112.80): VV009422.D (-2344) (-)





#63

1,4-Dichlorobenzene

Concen: 0.211 ug/L

RT: 11.32 min Scan# 3181

Delta R.T. -0.00 min

Lab File: VV009422.D

Acq: 28 Feb 2019 14:48

Instrument :

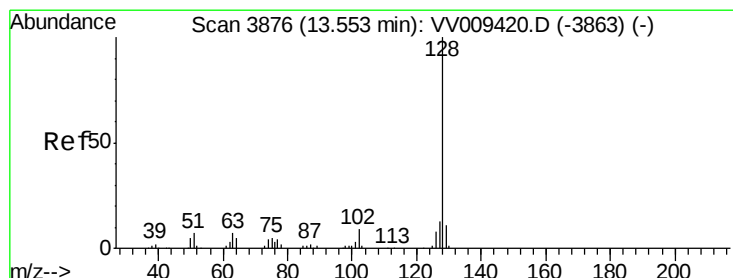
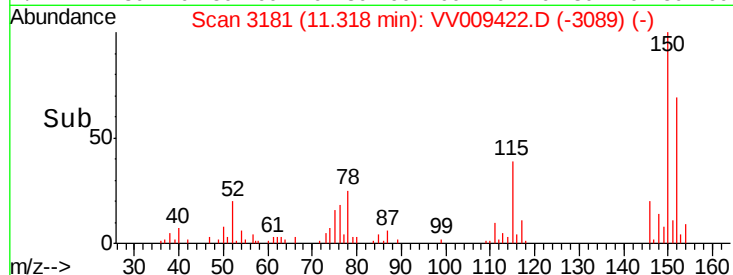
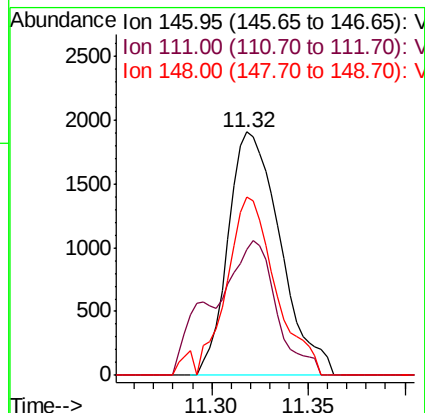
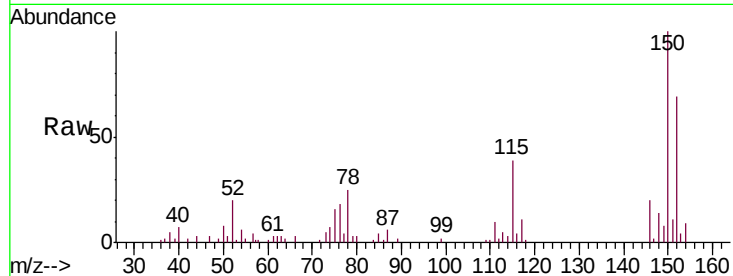
MSVOA_V

ClientSampleId :

CWJW5

Tgt Ion:146 Resp: 3577

Ion	Ratio	Lower	Upper
146	100		
111	51.8	27.2	50.4#
148	73.5	45.7	84.9



#69

Naphthalene

Concen: 0.072 ug/L

RT: 13.56 min Scan# 3879

Delta R.T. 0.01 min

Lab File: VV009422.D

Acq: 28 Feb 2019 14:48

Tgt Ion:128 Resp: 1122

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.5	12.7#
127	0.0	10.1	15.1#

