

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022819\
 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 04:05:00 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

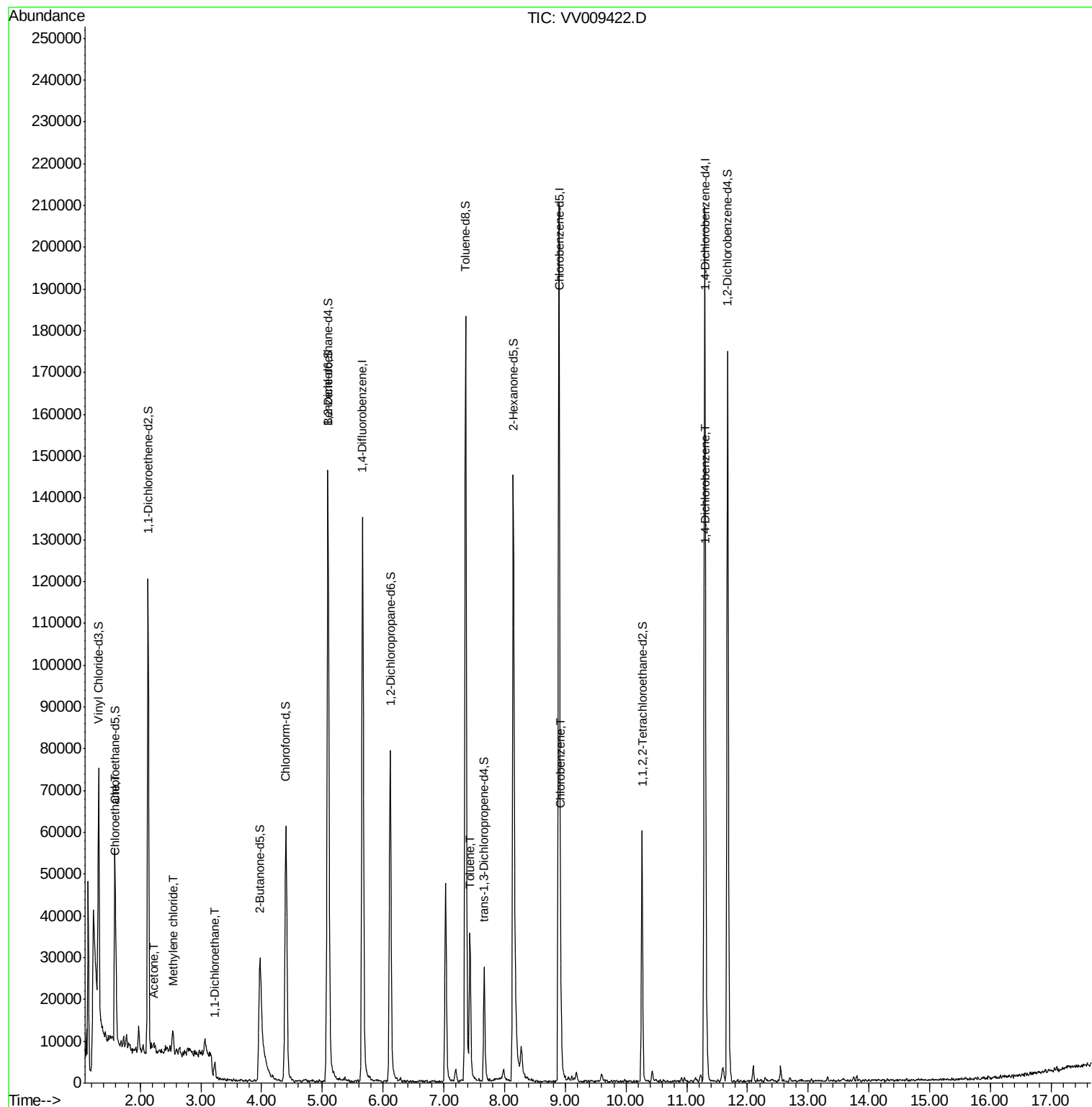
					Ovalue
8) Chloroethane	1.60	64	14060	2.481 ug/L	93
13) Acetone	2.23	43	3893	3.464 ug/L	97
16) Methylene chloride	2.54	84	2087	0.240 ug/L	86
19) 1,1-Dichloroethane	3.23	63	3727	0.325 ug/L	99
42) Toluene	7.43	91	24741	0.723 ug/L	94
51) Chlorobenzene	8.93	112	8112	0.364 ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	3577	0.211 ug/L #	86

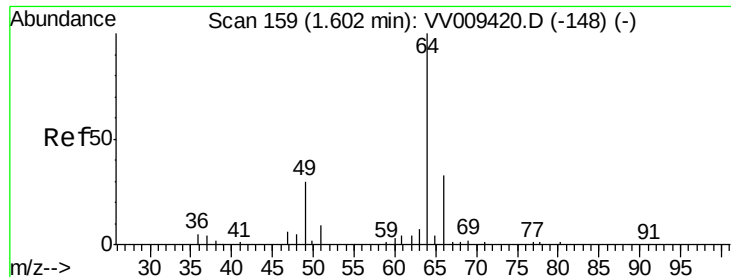
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 03:49:54 2019
Response via : Initial Calibration





#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

Instrument :

MSVOA_V

ClientSampleId :

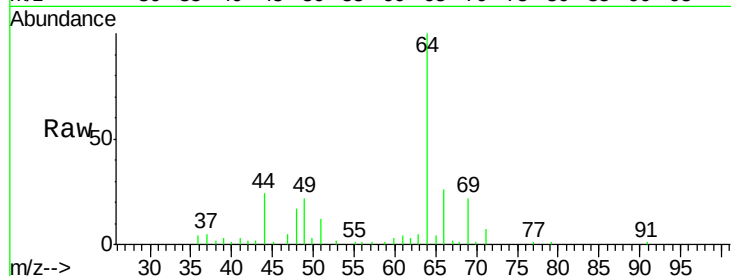
CWJW5

Tot Ion: 64 Resp: 14060

Ion Ratio Lower Upper

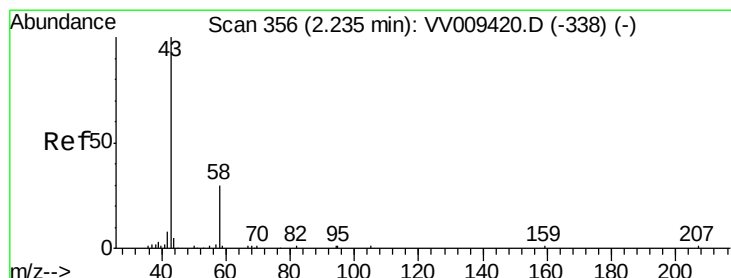
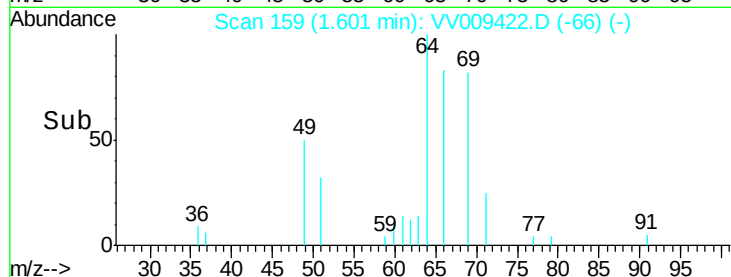
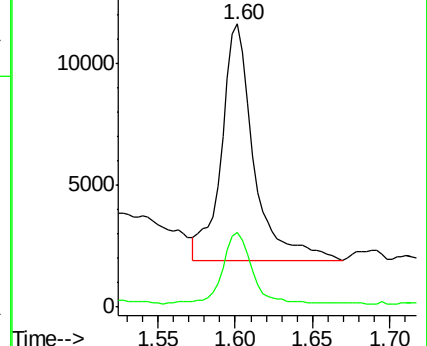
64 100

66 26.3 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: 3.464 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.01 min

Lab File: VV009422.D

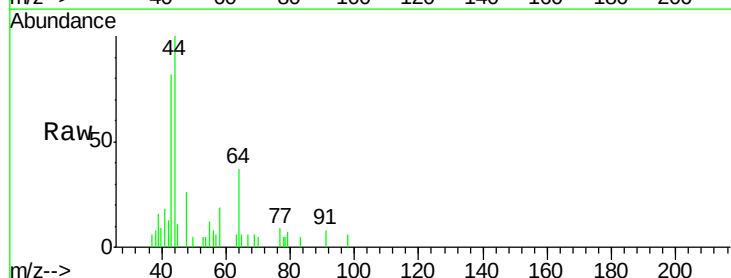
Acq: 28 Feb 2019 14:48

Tgt Ion: 43 Resp: 3893

Ion Ratio Lower Upper

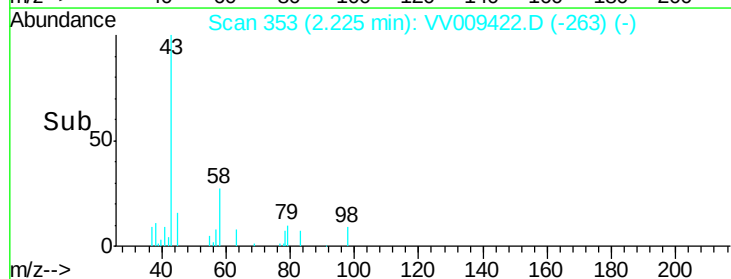
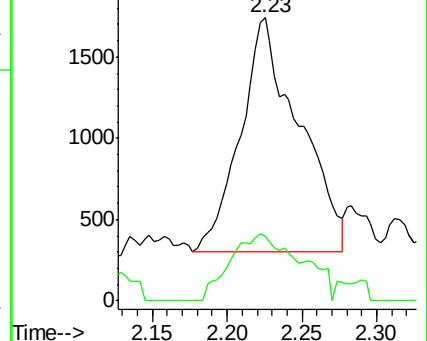
43 100

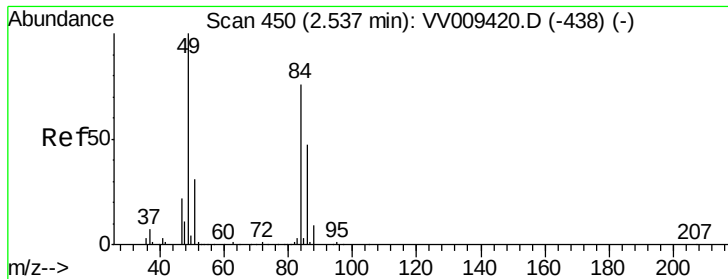
58 29.3 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

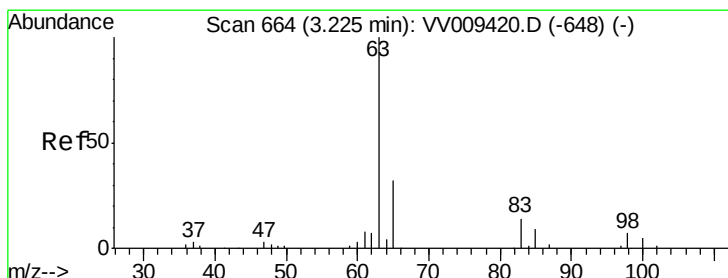
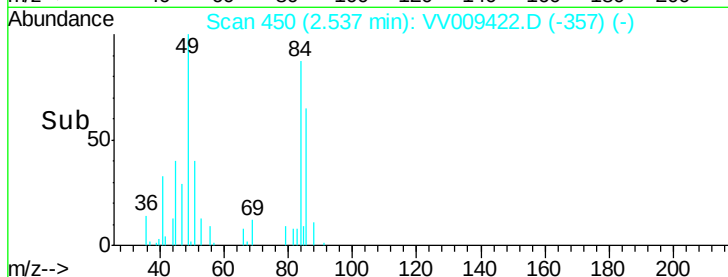
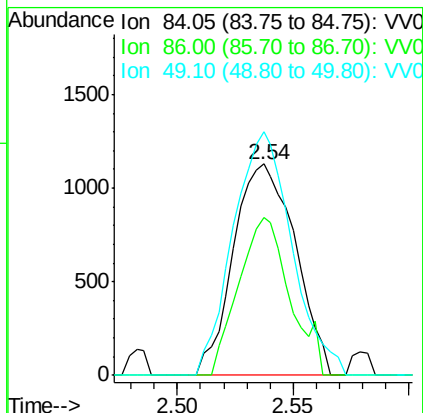
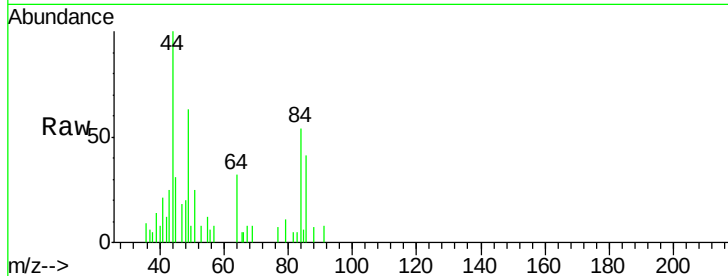




#16
Methylene chloride
Concen: 0.240 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV009422.D
Acq: 28 Feb 2019 14:48

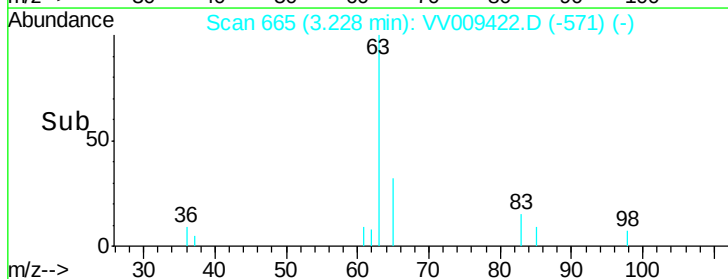
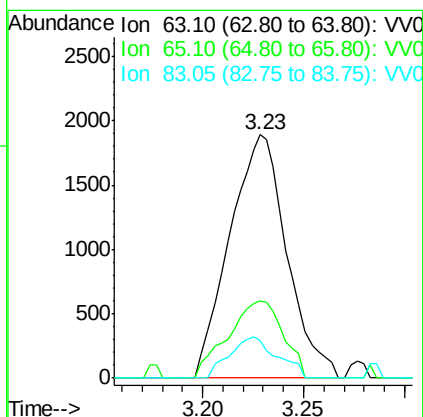
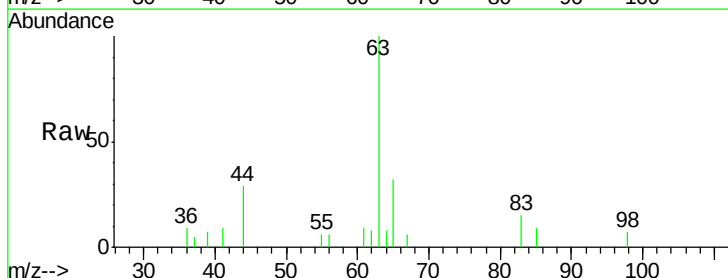
Instrument :
MSVOA_V
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CWJW5

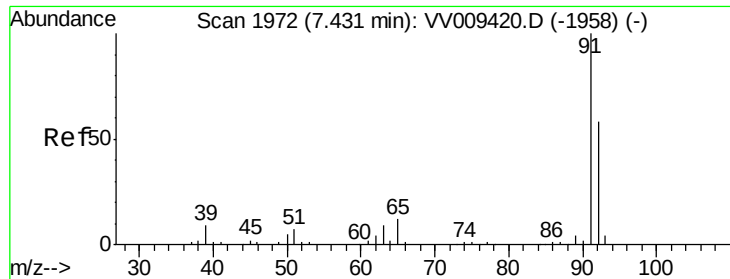
Tot Ion: 84 Resp: 2087
Ion Ratio Lower Upper
84 100
86 74.7 42.8 79.4
49 115.1 90.6 168.2



#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

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





#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

Instrument :

MSVOA_V

ClientSampleId :

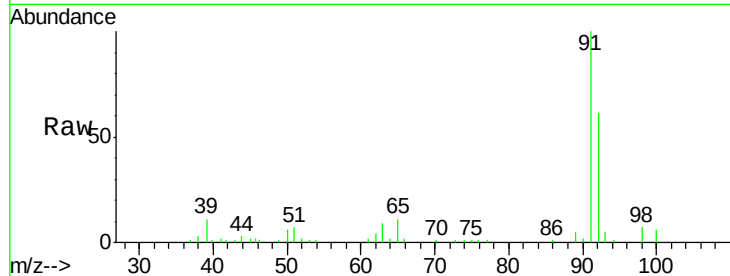
CWJW5

Tot Ion: 91 Resp: 24741

Ion Ratio Lower Upper

91 100

92 61.2 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VV009422.D (-1879) (-)

Ion 92.15 (91.85 to 92.85): VV009422.D (-1879) (-)

7.43

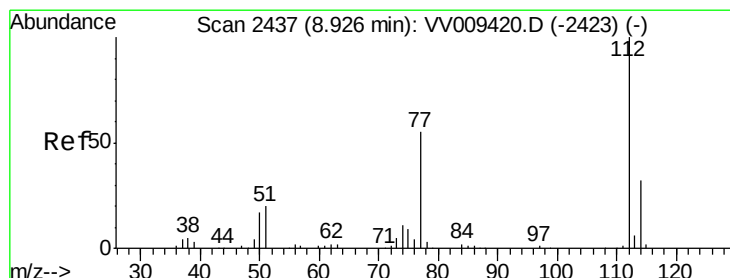
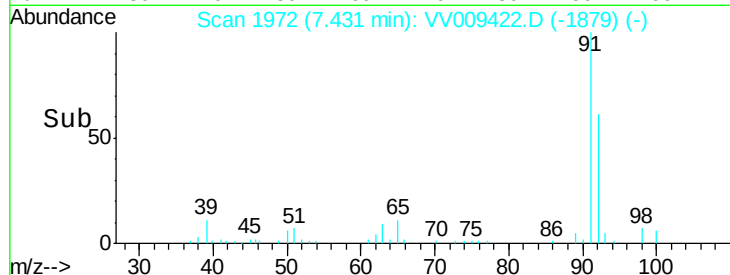
15000

10000

5000

0

Time-->



#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

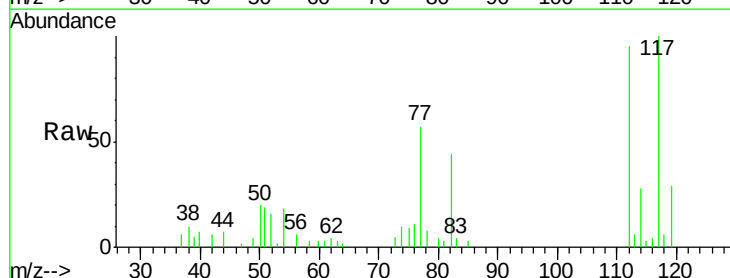
Tgt Ion: 112 Resp: 8112

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) (-)

Ion 114.05 (113.75 to 114.75): VV009422.D (-2344) (-)

Ion 77.10 (76.80 to 77.80): VV009422.D (-2344) (-)

8.93

6000

5000

4000

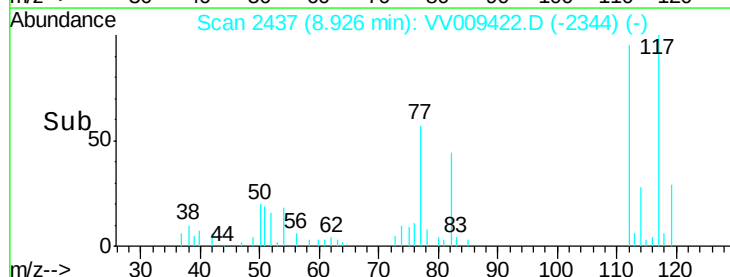
3000

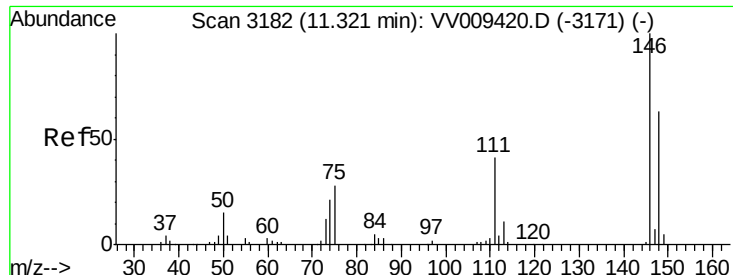
2000

1000

0

Time-->





#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

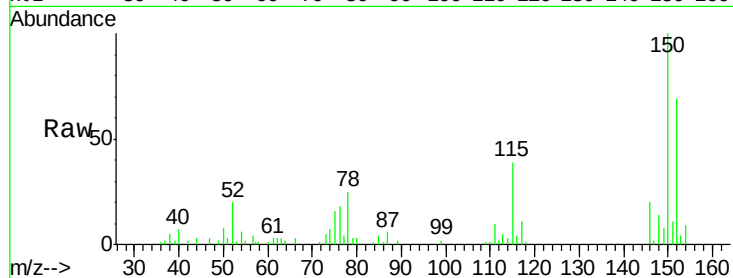
Tot Ion:146 Resp: 3577

Ion Ratio Lower Upper

146 100

111 51.8 27.2 50.4#

148 73.5 45.7 84.9



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

