

Data File : VV009436.D
Acq On : 28 Feb 2019 20:48
Operator : SY/MD
Sample : K1599-15
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CWJZ9

Quant Time: Mar 01 03:56:07 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	91747	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	88177	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41699	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23193	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.58	69	20887	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.13	63	44241	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	3.96	46	51637	56.82	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.64%
24) Chloroform-d	4.40	84	48482	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.08	65	24848	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.10	84	99030	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.12	67	30127	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.36	98	97294	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	7.67	79	11601	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.14	63	45953	56.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	22868	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	36260	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

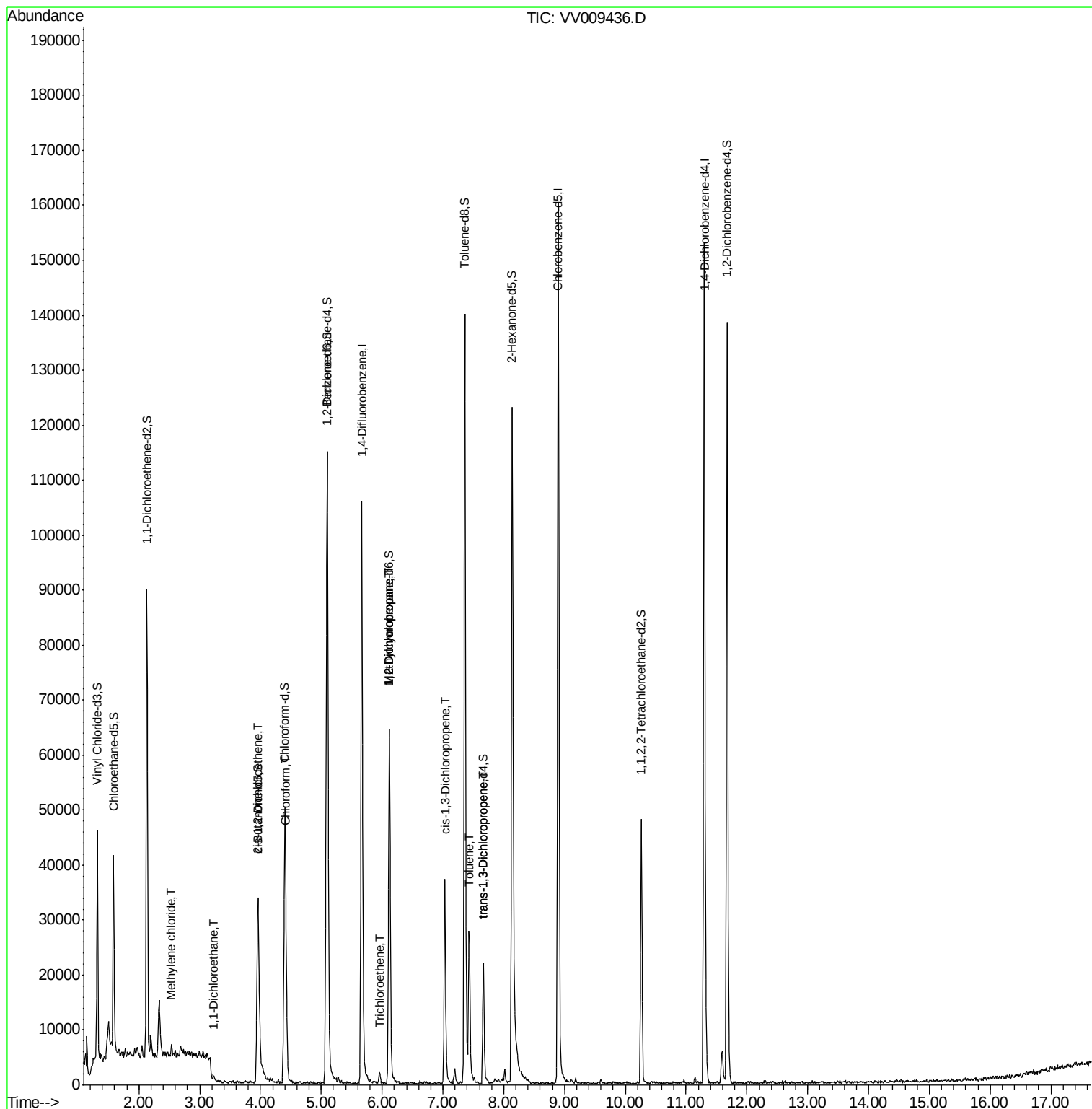
					Qvalue
16) Methylene chloride	2.54	84	735	0.110 ug/L	97
19) 1,1-Dichloroethane	3.23	63	1027	0.116 ug/L #	83
22) cis-1,2-Dichloroethene	3.97	96	1568	0.258 ug/L	97
25) Chloroform	4.42	83	4144	0.391 ug/L	96
34) Trichloroethene	5.96	95	772	0.119 ug/L	89
35) Methylcyclohexane	6.12	83	7323	0.689 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3592	0.641 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	987	0.112 ug/L #	55
42) Toluene	7.43	91	19078	0.731 ug/L	98
44) trans-1,3-Dichloropropene	7.66	75	668	0.097 ug/L #	19

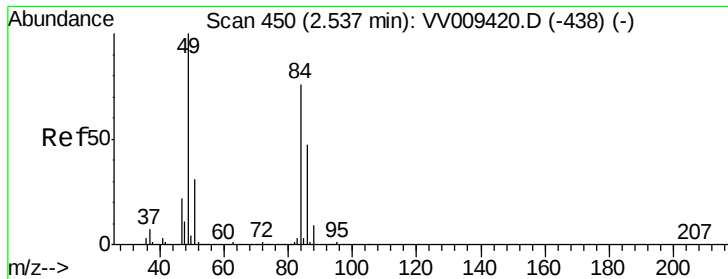
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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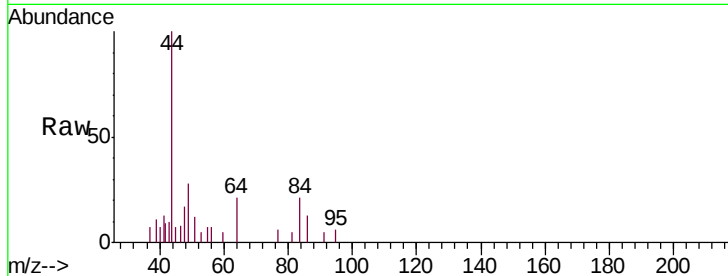




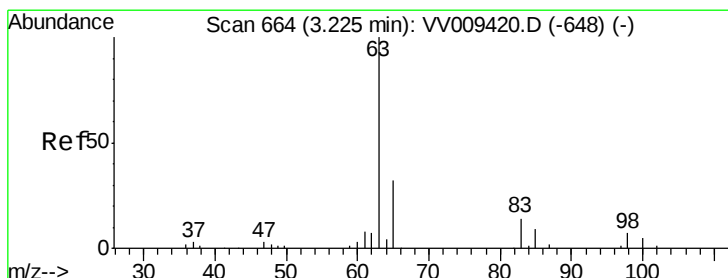
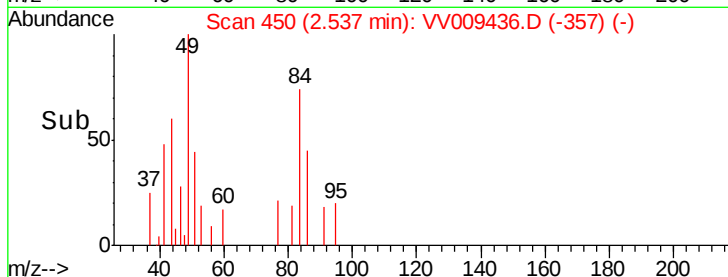
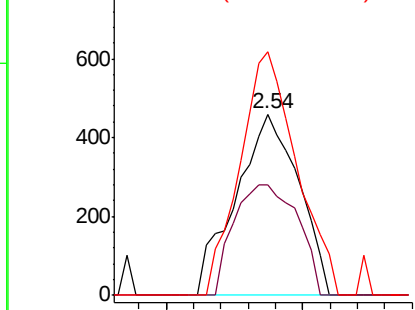
#16
Methylene chloride
Concen: 0.110 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV009436.D
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Instrument :
MSVOA_V
ClientSampleId :
CWJZ9

Tgt Ion: 84 Resp: 735
Ion Ratio Lower Upper
84 100
86 61.0 42.8 79.4
49 134.6 90.6 168.2

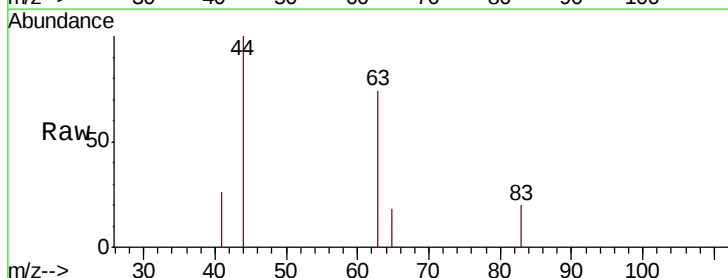


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

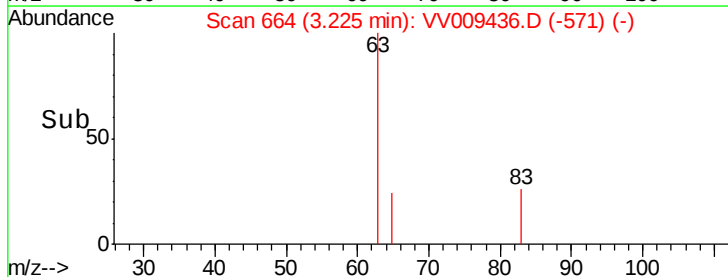
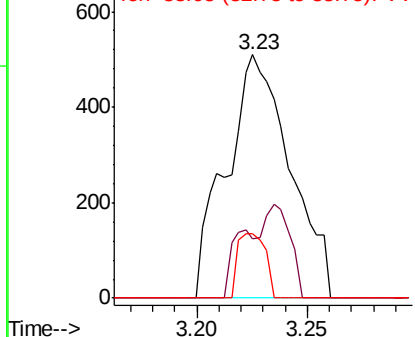


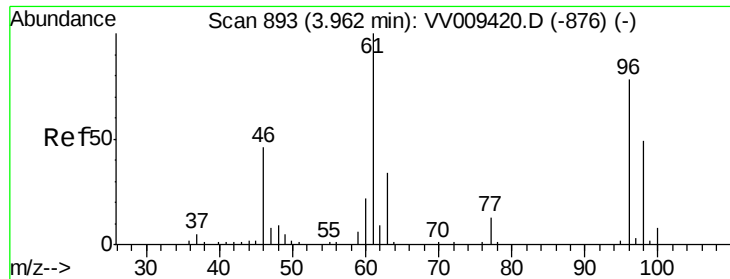
#19
1,1-Dichloroethane
Concen: 0.116 ug/L
RT: 3.23 min Scan# 664
Delta R.T. -0.00 min
Lab File: VV009436.D
Acq: 28 Feb 2019 20:48

Tgt Ion: 63 Resp: 1027
Ion Ratio Lower Upper
63 100
65 24.3 21.6 40.2
83 26.5 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



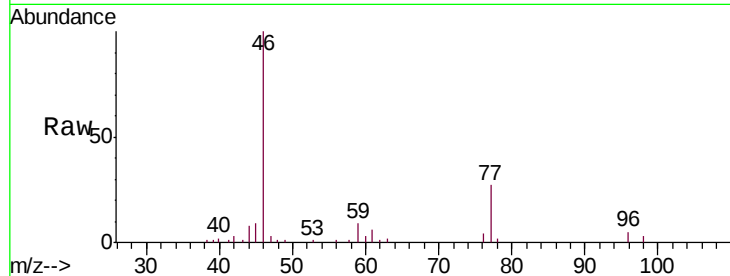


#22

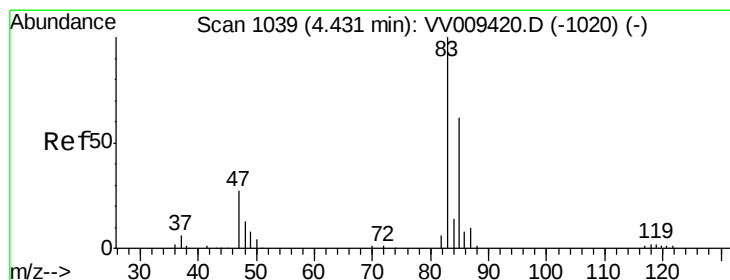
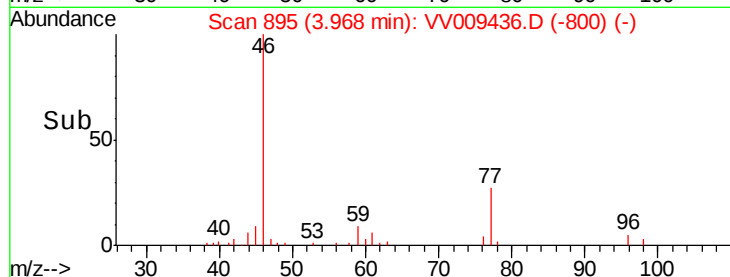
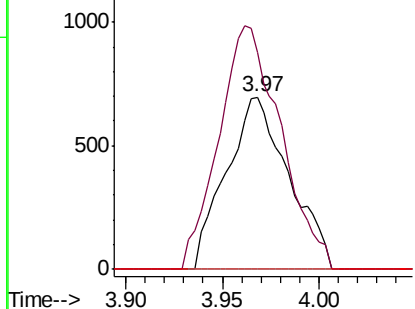
cis-1,2-Dichloroethene
 Concen: 0.258 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.01 min
 Lab File: VV009436.D
 Acq: 28 Feb 2019 20:48

Instrument :
 MSVOA_V
 ClientSampleId :
 CWJZ9

Tgt Ion: 96 Resp: 1568
 Ion Ratio Lower Upper
 96 100
 61 125.9 86.0 159.8
 68 0.0 0.0 0.0



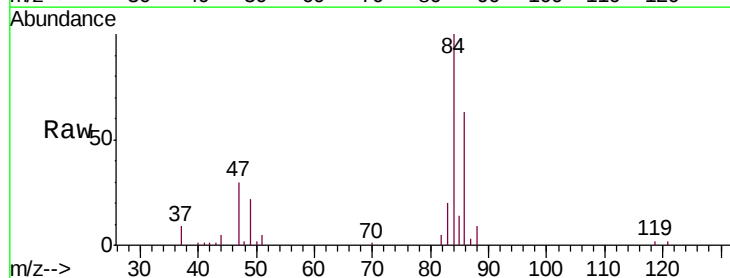
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



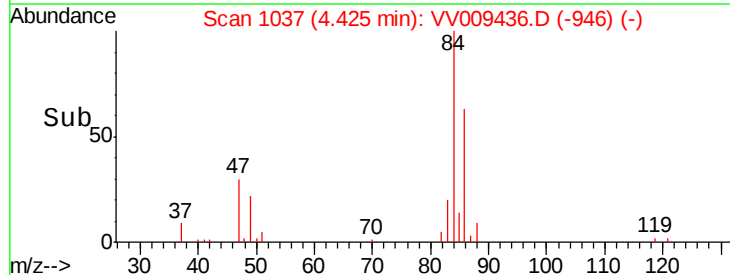
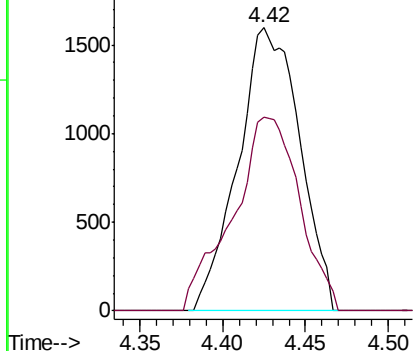
#25

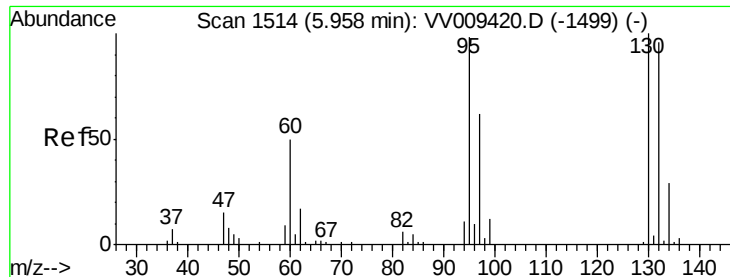
Chloroform
 Concen: 0.391 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: VV009436.D
 Acq: 28 Feb 2019 20:48

Tgt Ion: 83 Resp: 4144
 Ion Ratio Lower Upper
 83 100
 85 68.2 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 0.119 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV009436.D

Acq: 28 Feb 2019 20:48

Instrument :

MSVOA_V

ClientSampleId :

CWJZ9

Tgt Ion: 95 Resp: 772

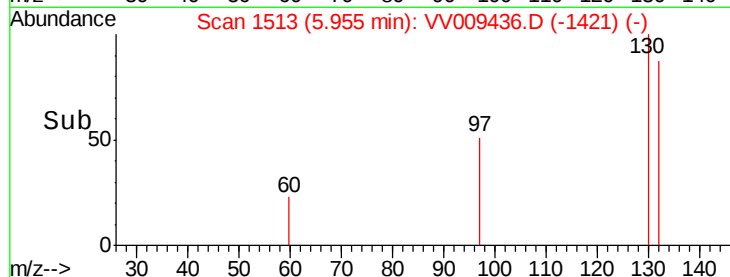
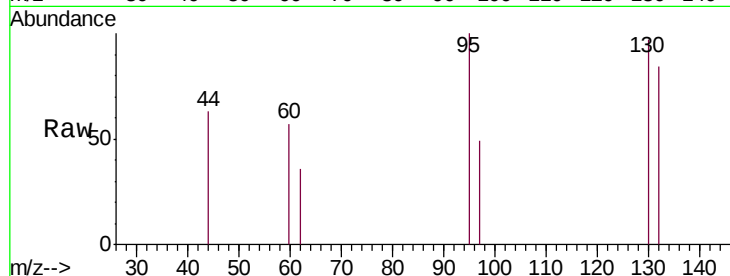
Ion Ratio Lower Upper

95 100

97 48.8 44.2 82.2

132 84.5 67.8 126.0

130 96.6 70.4 130.8

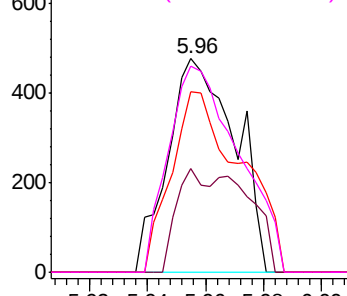


Abundance Ion 95.00 (94.70 to 95.70): VV0

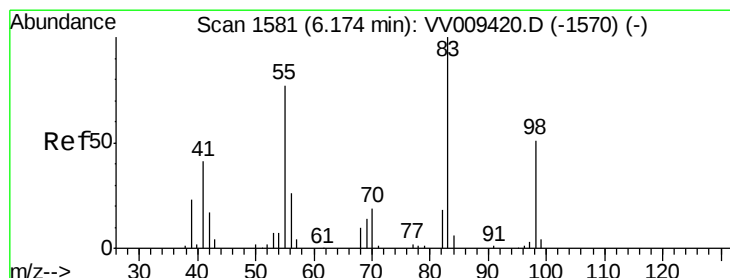
Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



Time-->



#35

Methylcyclohexane

Concen: 0.689 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV009436.D

Acq: 28 Feb 2019 20:48

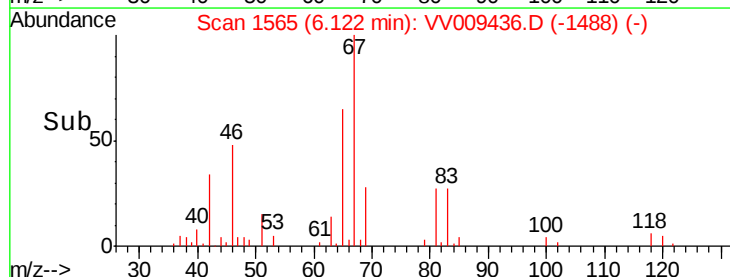
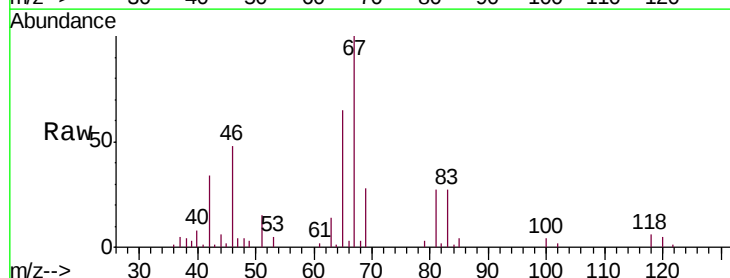
Tgt Ion: 83 Resp: 7323

Ion Ratio Lower Upper

83 100

55 0.0 59.8 89.8#

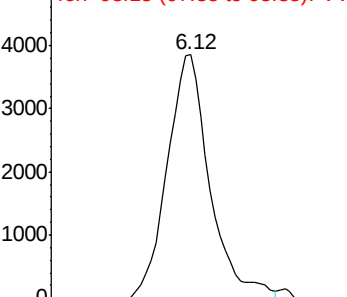
98 0.0 39.9 59.9#



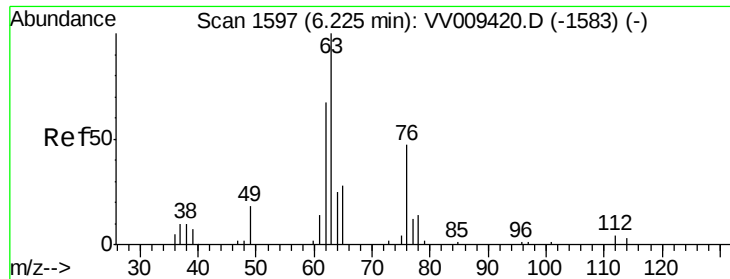
Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



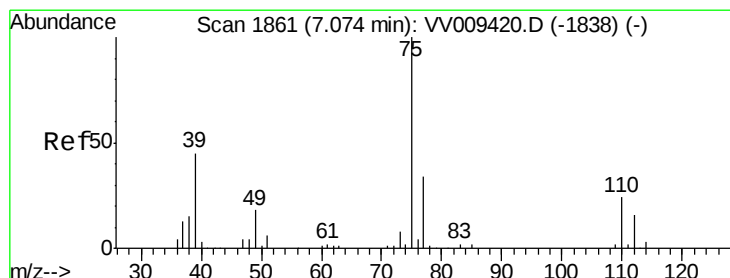
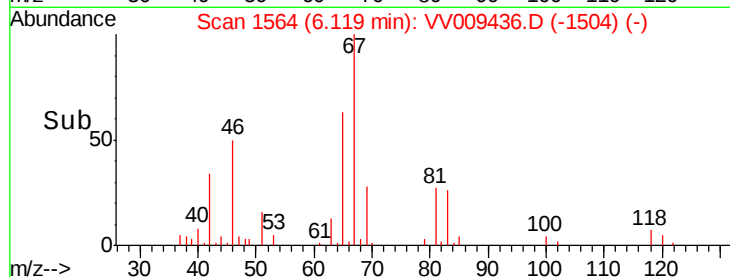
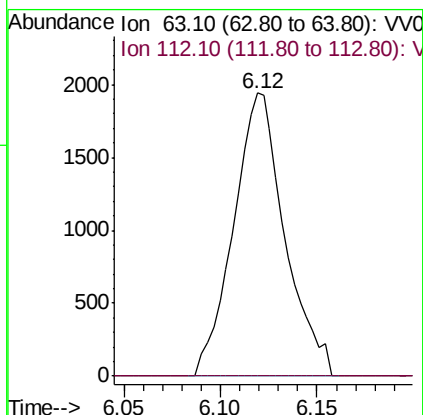
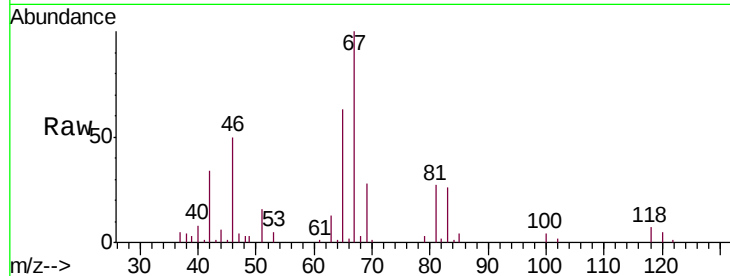
Time-->



#37
 1,2-Dichloropropane
 Concen: 0.641 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.11 min
 Lab File: VV009436.D
 Acq: 28 Feb 2019 20:48

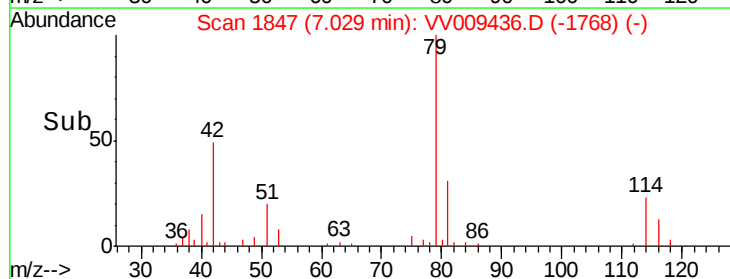
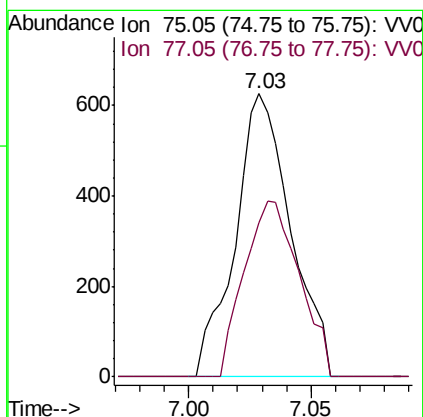
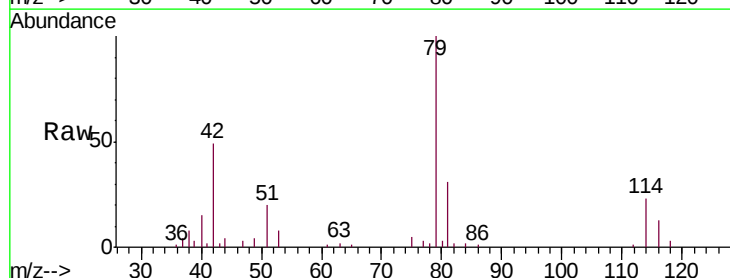
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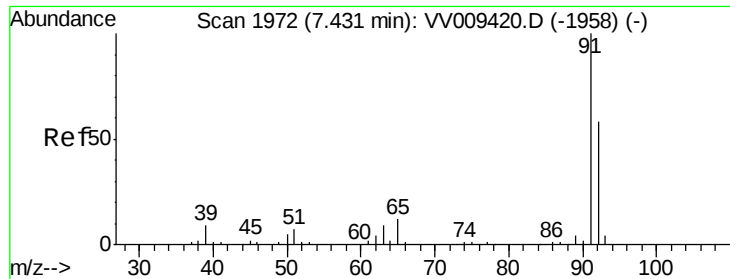
Tgt Ion: 63 Resp: 3592
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.05 min
 Lab File: VV009436.D
 Acq: 28 Feb 2019 20:48

Tgt Ion: 75 Resp: 987
 Ion Ratio Lower Upper
 75 100
 77 54.3 21.1 39.1#





#42

Toluene

Concen: 0.731 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV009436.D

Acq: 28 Feb 2019 20:48

Instrument :

MSVOA_V

ClientSampleId :

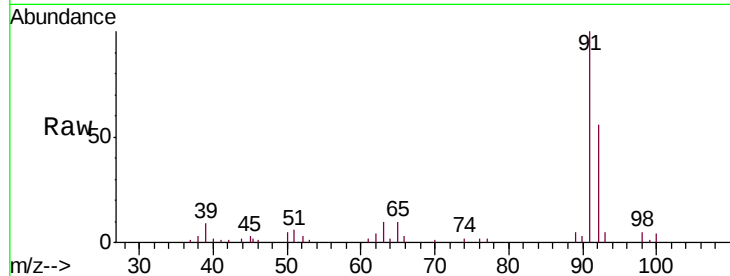
CWJZ9

Tgt Ion: 91 Resp: 19078

Ion Ratio Lower Upper

91 100

92 55.7 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.43

12000

10000

8000

6000

4000

2000

0

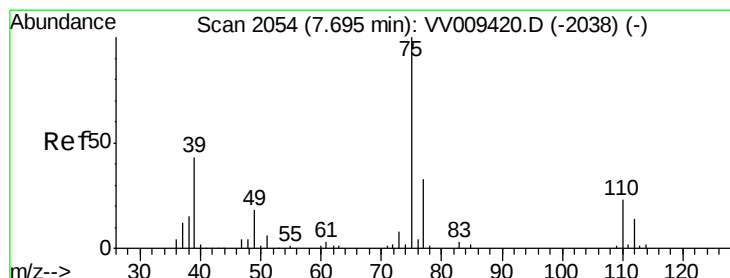
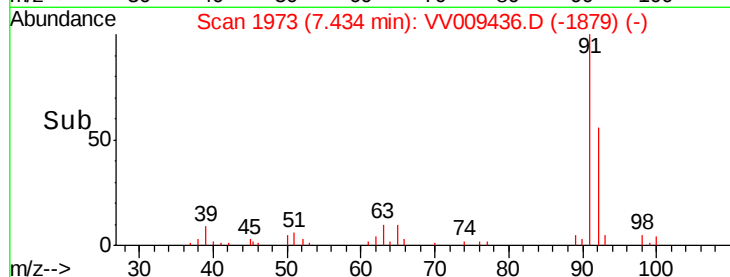
Time-->

7.35

7.40

7.45

7.50



#44

trans-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009436.D

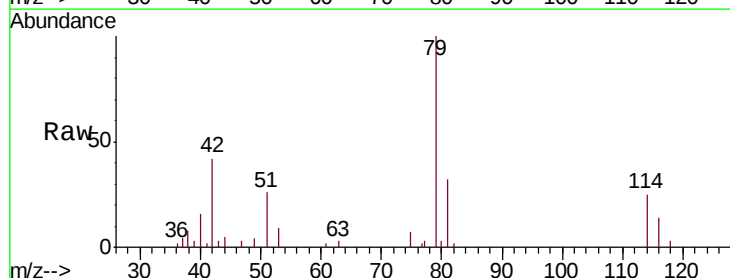
Acq: 28 Feb 2019 20:48

Tgt Ion: 75 Resp: 668

Ion Ratio Lower Upper

75 100

77 76.6 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.66

500

400

300

200

100

0

Time-->

7.64

7.66

7.68

7.70

