

Data File : VV009430.D
Acq On : 28 Feb 2019 18:14
Operator : SY/MD
Sample : K1599-09
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CWJY7

Quant Time: Mar 01 03:55:02 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	93009	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	88654	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40251	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24546	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.58	69	22531	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.13	63	45537	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.96	46	52005	56.45	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.90%
24) Chloroform-d	4.40	84	50315	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.09	65	25262	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.10	84	103657	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
36) 1,2-Dichloropropane-d6	6.12	67	31132	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.36	98	100486	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
43) trans-1,3-Dichloropropene-	7.67	79	12244	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.14	63	46404	56.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	23497	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	36448	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

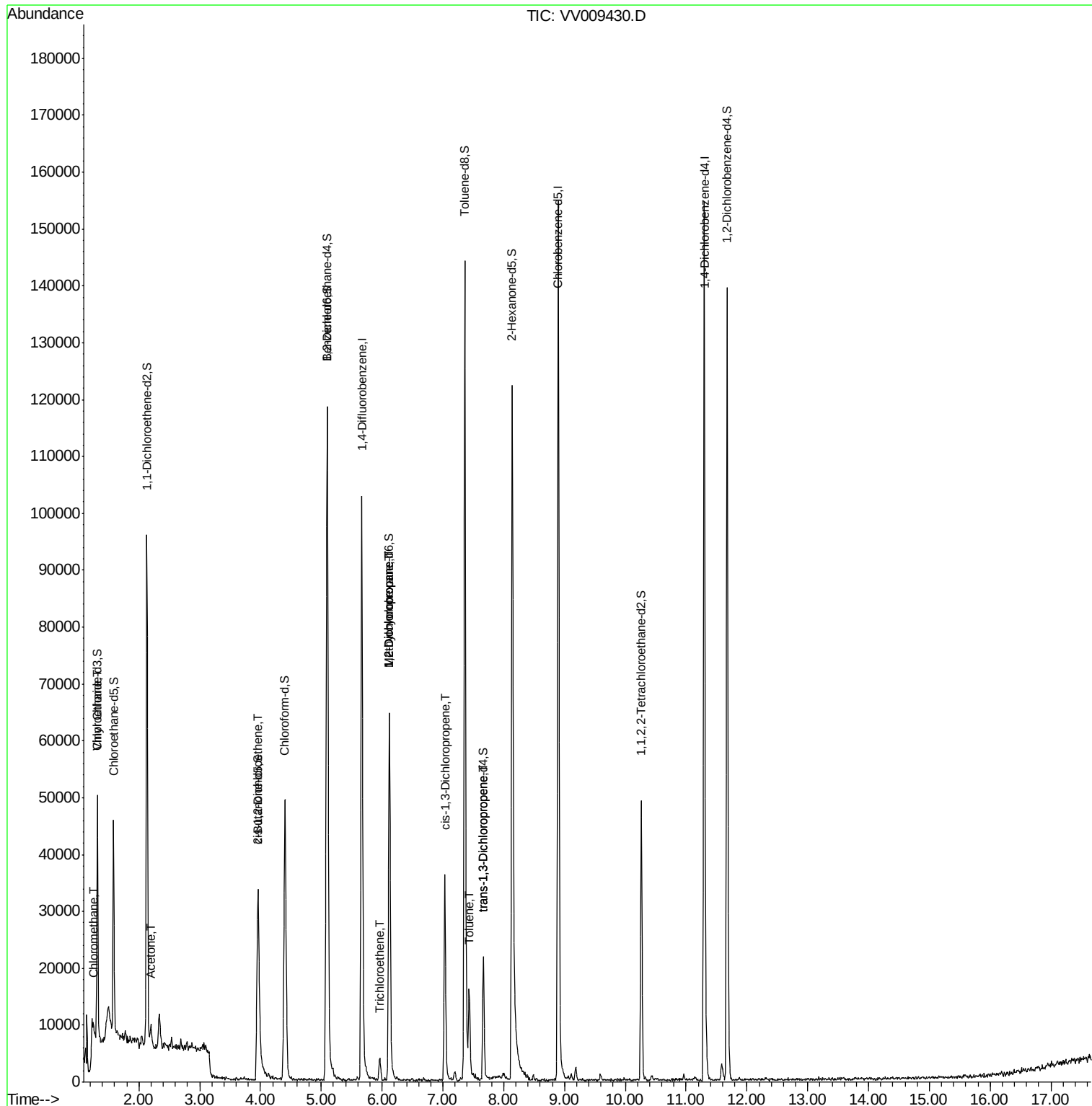
						Qvalue
3) Chloromethane	1.25	50	850	0.141	ug/L	97
8) Chloroethane	1.32	64	413	0.094	ug/L	94
13) Acetone	2.20	43	2459	2.810	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	2317	0.376	ug/L	99
34) Trichloroethene	5.96	95	1515	0.233	ug/L	89
35) Methylcyclohexane	6.12	83	7412	0.694	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	3819	0.678	ug/L #	88
39) cis-1,3-Dichloropropene	7.04	75	1070	0.120	ug/L #	66
42) Toluene	7.43	91	10340	0.394	ug/L	89
44) trans-1,3-Dichloropropene	7.66	75	683	0.098	ug/L #	72

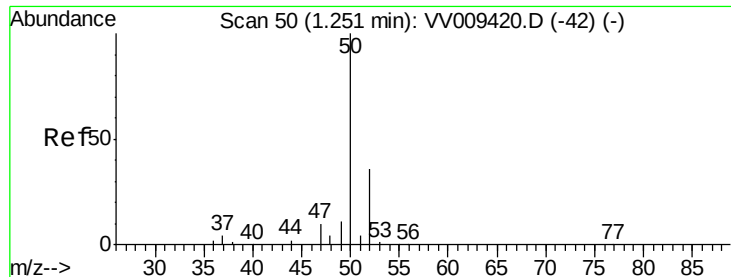
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.141 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV009430.D

Acq: 28 Feb 2019 18:14

Instrument :

MSVOA_V

ClientSampleId :

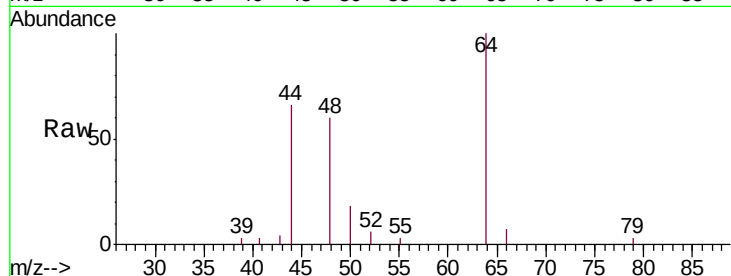
CWJY7

Tgt Ion: 50 Resp: 850

Ion Ratio Lower Upper

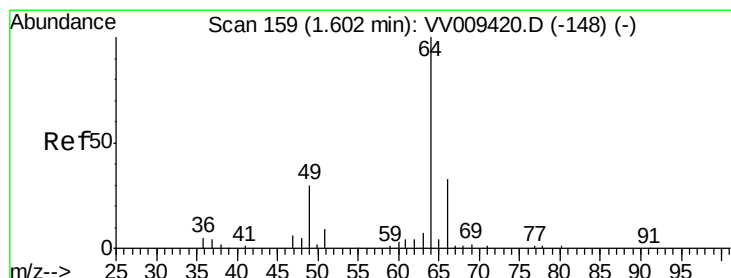
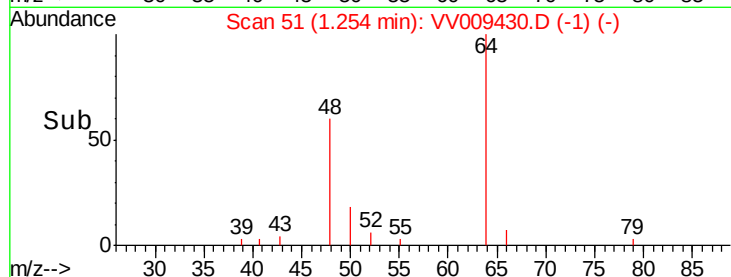
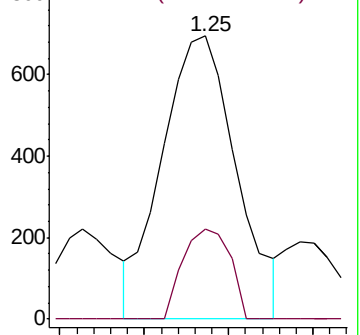
50 100

52 31.7 23.5 43.7



Abundance Ion 50.05 (49.75 to 50.75): VV009420.D (-42) (-)

Ion 52.05 (51.75 to 52.75): VV009420.D (-42) (-)



#8

Chloroethane

Concen: 0.094 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV009430.D

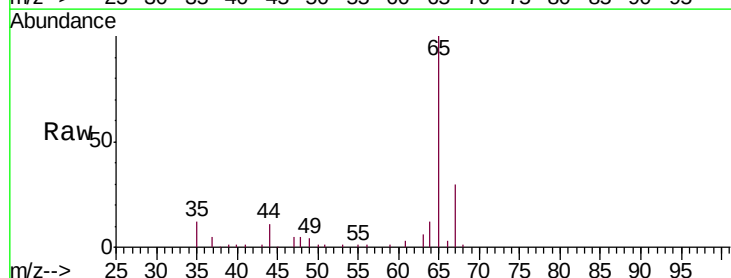
Acq: 28 Feb 2019 18:14

Tgt Ion: 64 Resp: 413

Ion Ratio Lower Upper

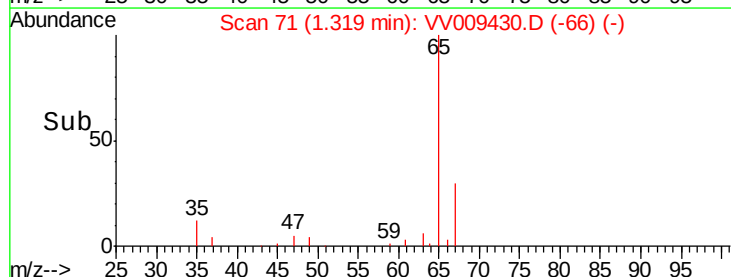
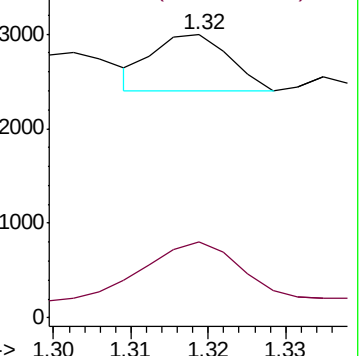
64 100

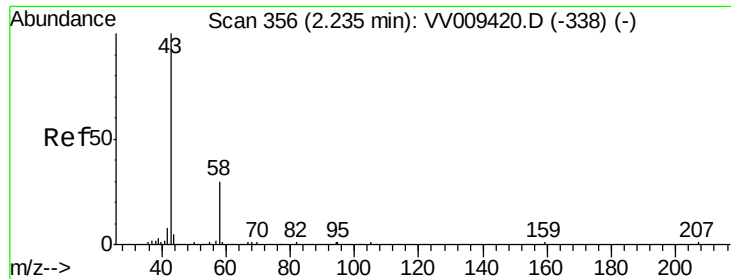
66 27.0 21.3 39.5



Abundance Ion 64.10 (63.80 to 64.80): VV009420.D (-148) (-)

Ion 66.05 (65.75 to 66.75): VV009420.D (-148) (-)





#13

Acetone

Concen: 2.810 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.03 min

Lab File: VV009430.D

Acq: 28 Feb 2019 18:14

Instrument :

MSVOA_V

ClientSampleId :

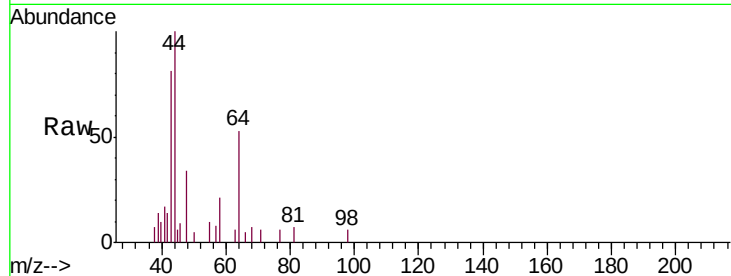
CWJY7

Tgt Ion: 43 Resp: 2459

Ion Ratio Lower Upper

43 100

58 33.8 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) (-)

2.20

1500

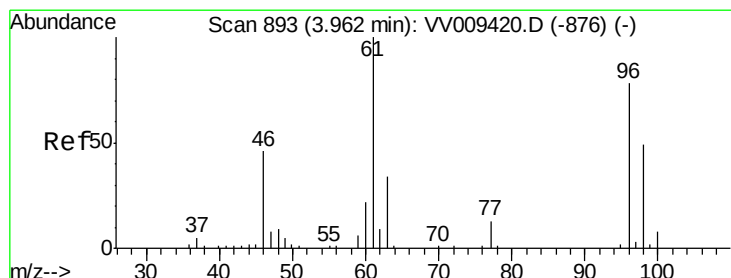
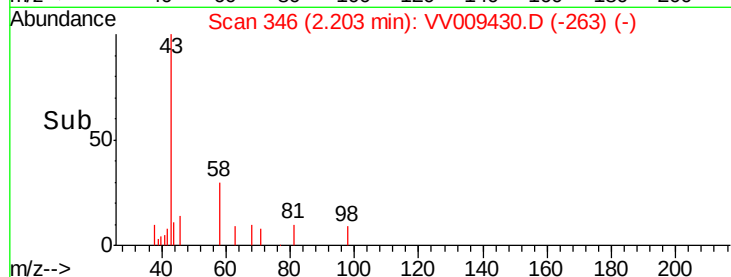
1000

500

0

Time-->

2.15 2.20 2.25



#22

cis-1,2-Dichloroethene

Concen: 0.376 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV009430.D

Acq: 28 Feb 2019 18:14

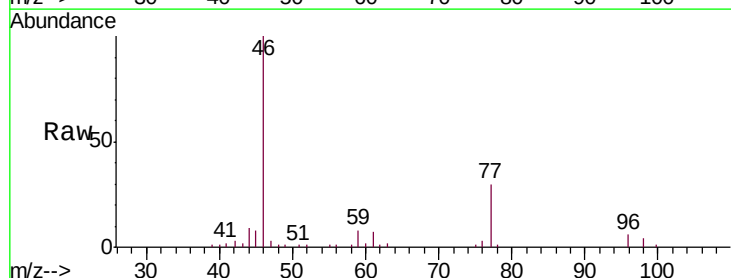
Tgt Ion: 96 Resp: 2317

Ion Ratio Lower Upper

96 100

61 124.0 86.0 159.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV009420.D (-876) (-)

Ion 61.05 (60.75 to 61.75): VV009420.D (-876) (-)

Ion 68.15 (67.85 to 68.85): VV009420.D (-876) (-)

1500

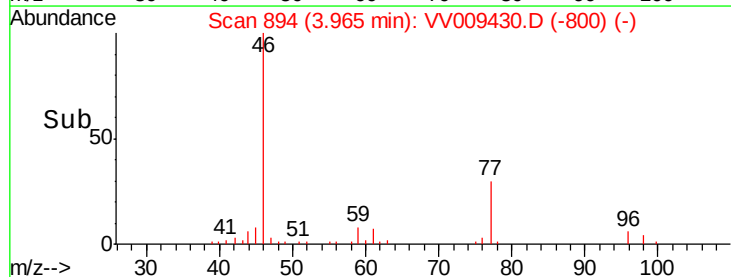
1000

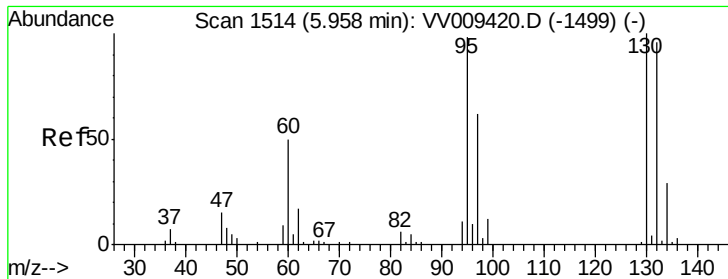
500

0

Time-->

3.90 3.95 4.00





#34

Trichloroethene

Concen: 0.233 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV009430.D

Acq: 28 Feb 2019 18:14

Instrument :

MSVOA_V

ClientSampleId :

CWJY7

Tgt Ion: 95 Resp: 1515

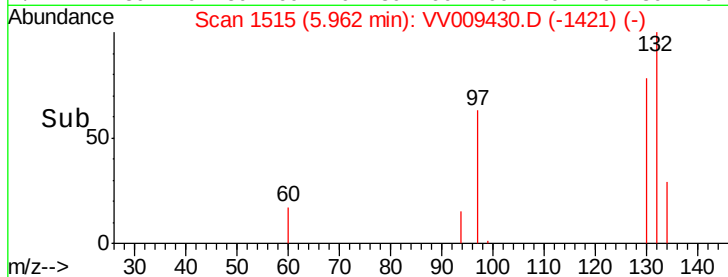
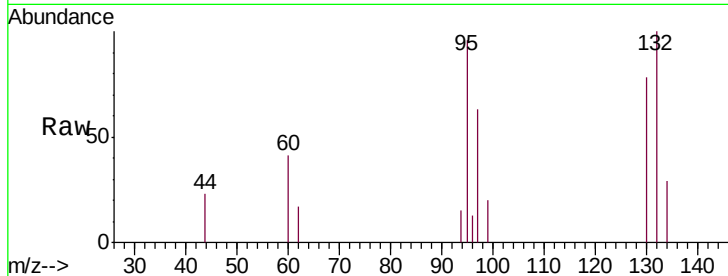
Ion Ratio Lower Upper

95 100

97 65.7 44.2 82.2

132 103.9 67.8 126.0

130 81.2 70.4 130.8

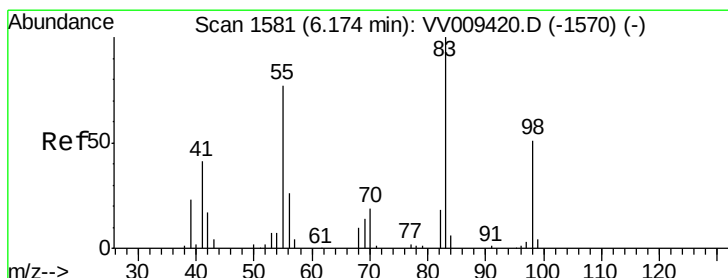
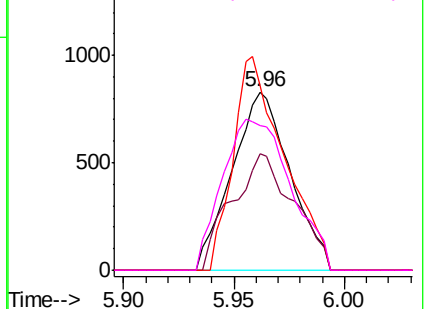


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#35

Methylcyclohexane

Concen: 0.694 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV009430.D

Acq: 28 Feb 2019 18:14

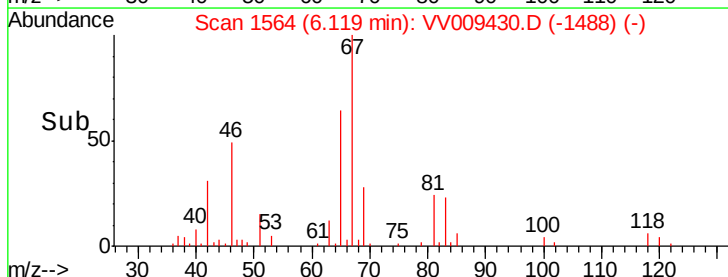
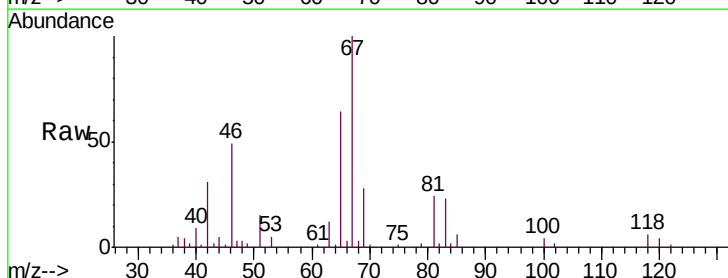
Tgt Ion: 83 Resp: 7412

Ion Ratio Lower Upper

83 100

55 1.0 59.8 89.8#

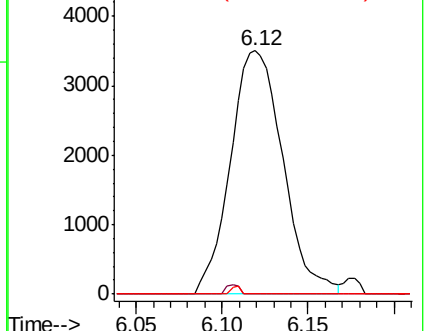
98 0.6 39.9 59.9#

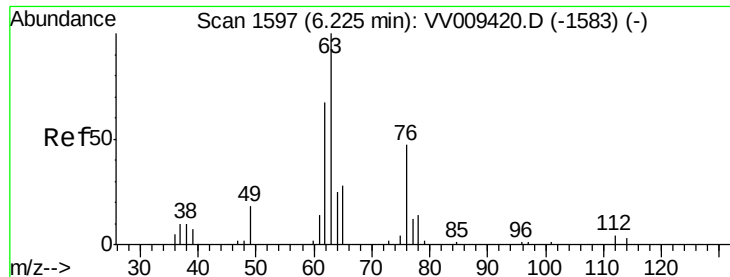


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

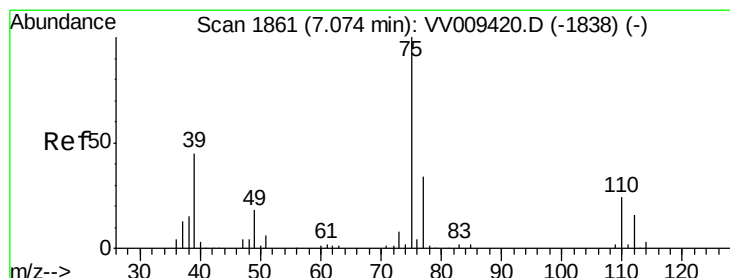
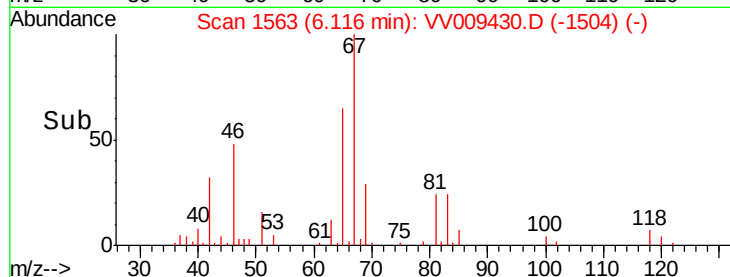
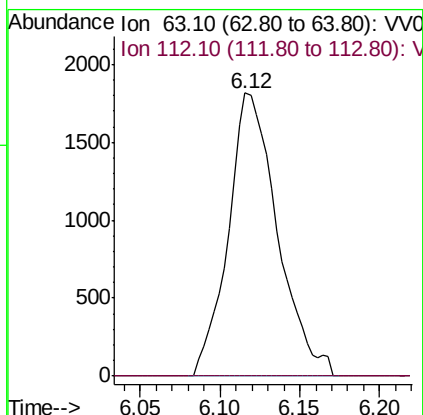
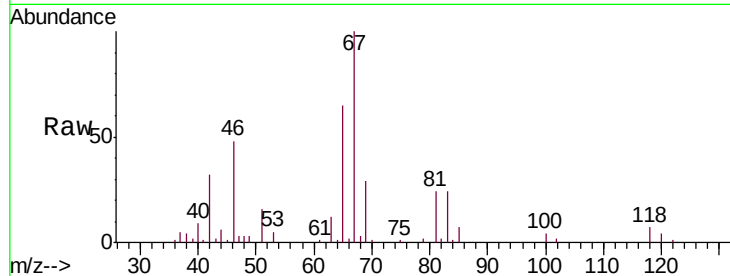




#37
 1,2-Dichloropropane
 Concen: 0.678 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV009430.D
 Acq: 28 Feb 2019 18:14

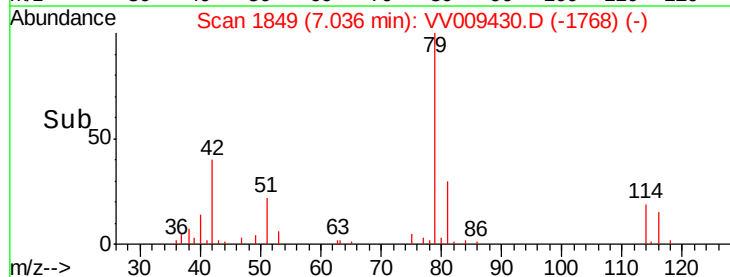
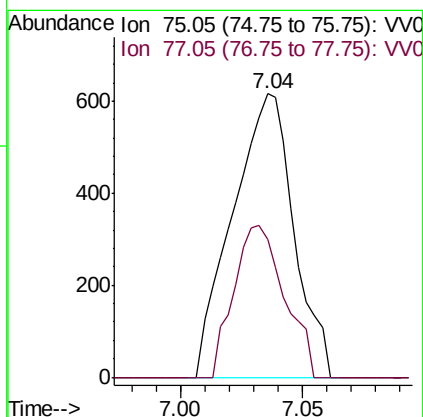
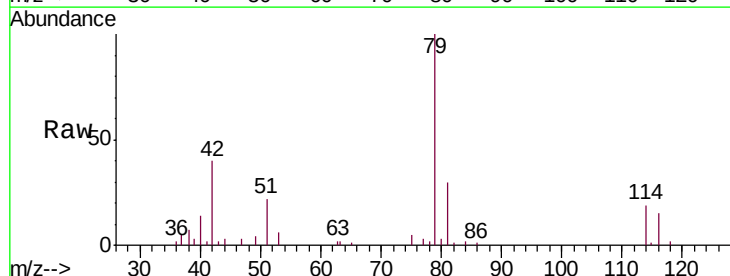
Instrument :
 MSVOA_V
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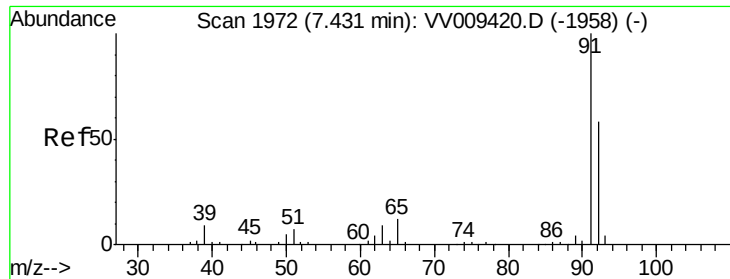
Tgt Ion: 63 Resp: 3819
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.120 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV009430.D
 Acq: 28 Feb 2019 18:14

Tgt Ion: 75 Resp: 1070
 Ion Ratio Lower Upper
 75 100
 77 48.7 21.1 39.1#





#42

Toluene

Concen: 0.394 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV009430.D

Acq: 28 Feb 2019 18:14

Instrument :

MSVOA_V

ClientSampleId :

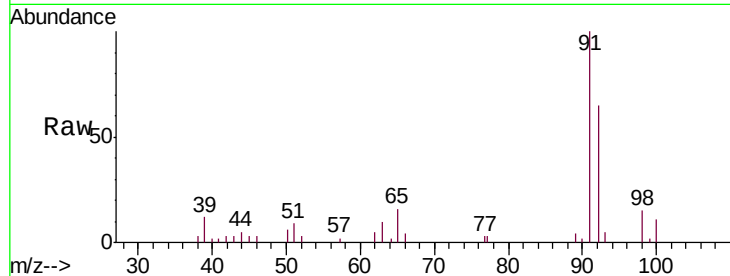
CWJY7

Tgt Ion: 91 Resp: 10340

Ion Ratio Lower Upper

91 100

92 64.6 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VV009420.D (-1958) (-)

Ion 92.15 (91.85 to 92.85): VV009420.D (-1958) (-)

7.43

6000

5000

4000

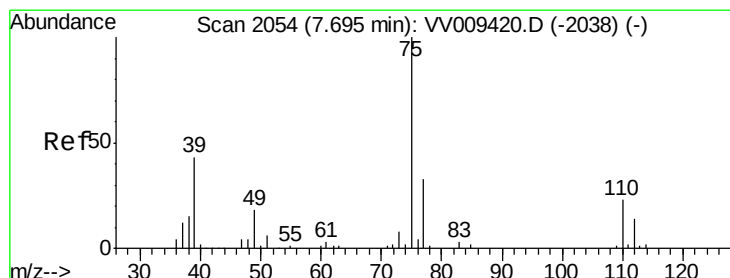
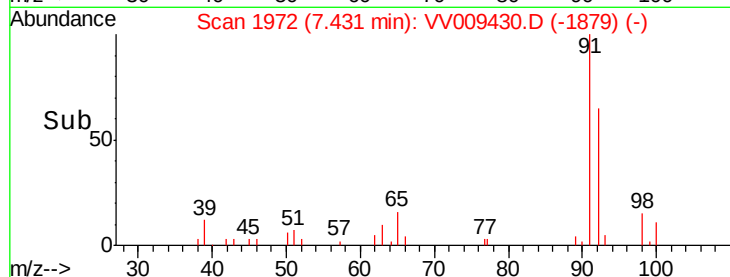
3000

2000

1000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009430.D

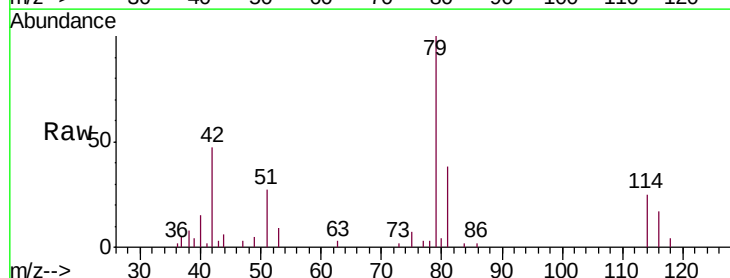
Acq: 28 Feb 2019 18:14

Tgt Ion: 75 Resp: 683

Ion Ratio Lower Upper

75 100

77 47.4 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV009420.D (-2038) (-)

Ion 77.05 (76.75 to 77.75): VV009420.D (-2038) (-)

7.66

500

400

300

200

100

0

Time-->

