

Data File : VV009440.D
Acq On : 28 Feb 2019 22:31
Operator : SY/MD
Sample : K1599-19
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CWK09

Quant Time: Mar 01 03:56:48 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	97031	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	92146	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42681	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22981	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.58	69	20626	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.13	63	43942	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	3.96	46	49836	51.85	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.70%
24) Chloroform-d	4.40	84	47750	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.09	65	24964	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.10	84	97500	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.12	67	30229	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.36	98	96918	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.66	79	11740	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.14	63	45662	53.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	22830	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	36286	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

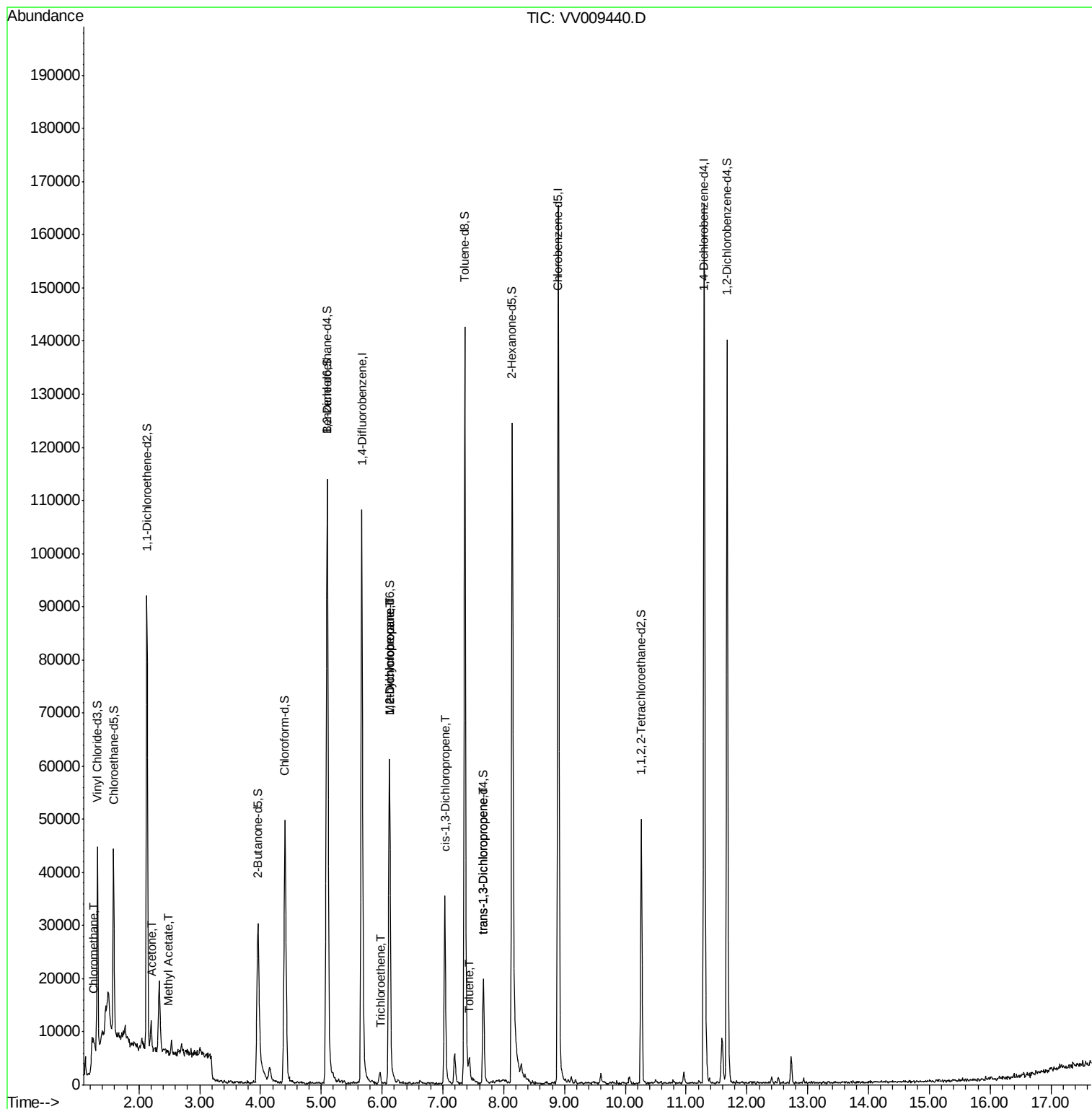
						Qvalue
3) Chloromethane	1.25	50	945	0.150	ug/L	92
13) Acetone	2.20	43	5201	5.696	ug/L	95
15) Methyl Acetate	2.49	43	496	0.208	ug/L #	49
34) Trichloroethene	5.96	95	803	0.119	ug/L #	84
35) Methylcyclohexane	6.12	83	7125	0.642	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	3552	0.606	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1053	0.114	ug/L #	77
42) Toluene	7.43	91	2521	0.092	ug/L	99
44) trans-1,3-Dichloropropene	7.66	75	620	0.086	ug/L #	65

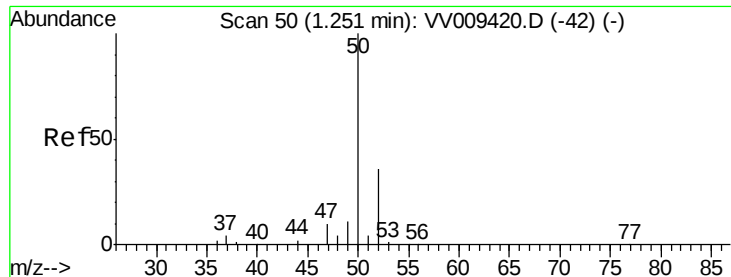
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.150 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV009440.D

Acq: 28 Feb 2019 22:31

Instrument :

MSVOA_V

ClientSampleId :

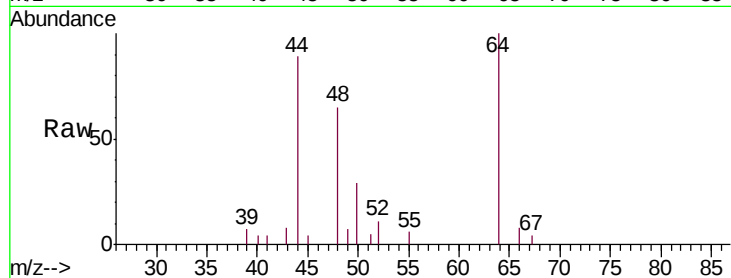
CWK09

Tgt Ion: 50 Resp: 945

Ion Ratio Lower Upper

50 100

52 38.3 23.5 43.7



Abundance Ion 50.05 (49.75 to 50.75): VV009440.D (-42) (-)

Ion 52.05 (51.75 to 52.75): VV009440.D (-42) (-)

1.25

600

400

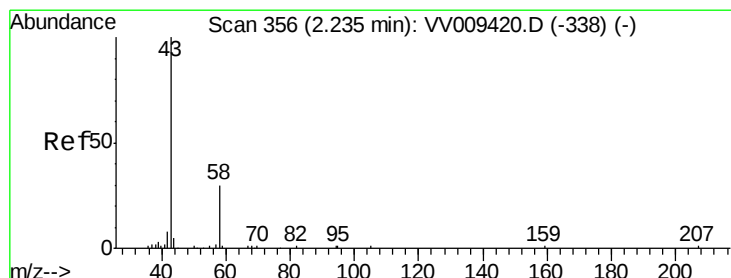
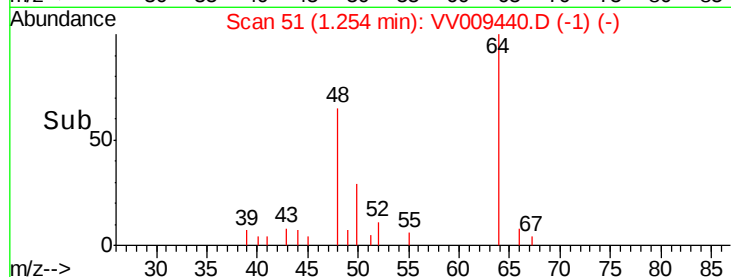
200

0

1.25

1.30

Time-->



#13

Acetone

Concen: 5.696 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.04 min

Lab File: VV009440.D

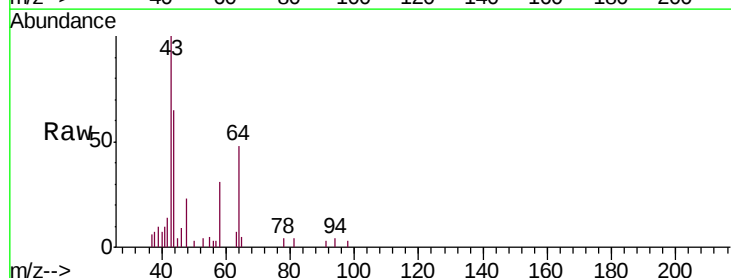
Acq: 28 Feb 2019 22:31

Tgt Ion: 43 Resp: 5201

Ion Ratio Lower Upper

43 100

58 33.6 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV009440.D (-338) (-)

Ion 58.05 (57.75 to 58.75): VV009440.D (-338) (-)

2.20

3000

2000

1000

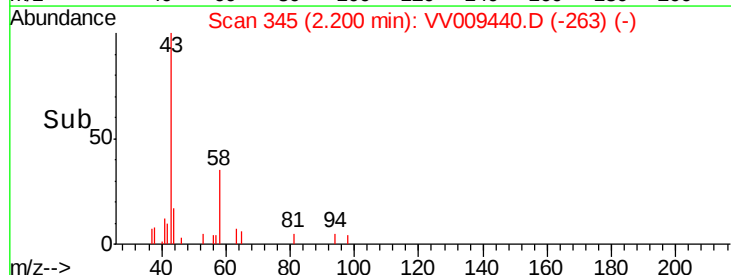
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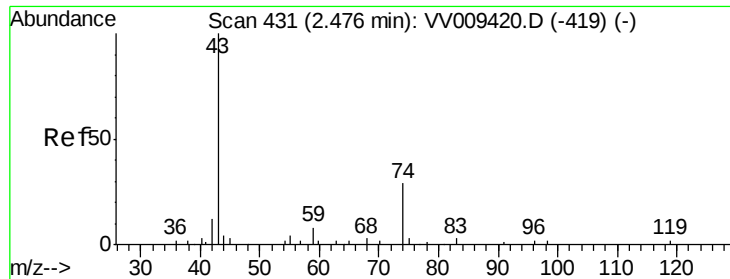
2.15

2.20

2.25

Time-->





#15

Methyl Acetate

Concen: 0.208 ug/L

RT: 2.49 min Scan# 435

Delta R.T. 0.01 min

Lab File: VV009440.D

Acq: 28 Feb 2019 22:31

Instrument :

MSVOA_V

ClientSampleId :

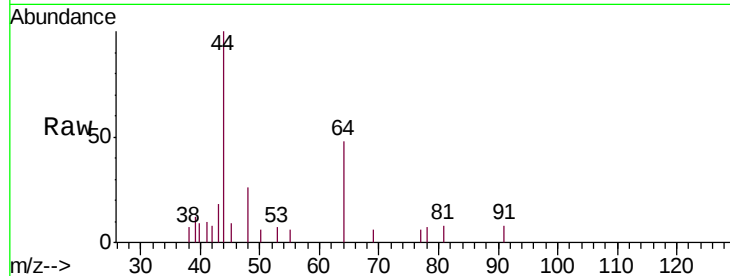
CWK09

Tgt Ion: 43 Resp: 496

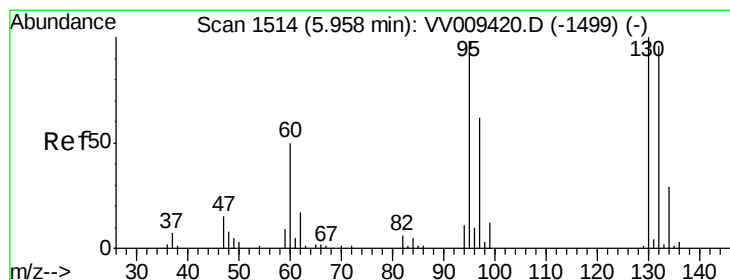
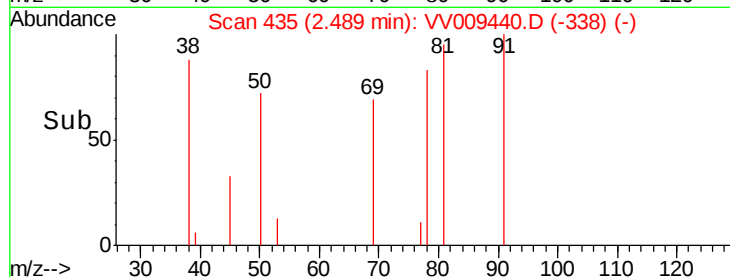
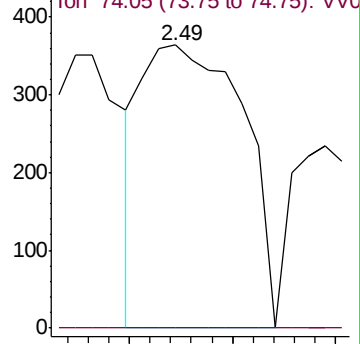
Ion Ratio Lower Upper

43 100

74 0.0 20.6 30.8#



Abundance Ion 43.05 (42.75 to 43.75): VV009440.D (-435) (-)



#34

Trichloroethene

Concen: 0.119 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV009440.D

Acq: 28 Feb 2019 22:31

Tgt Ion: 95 Resp: 803

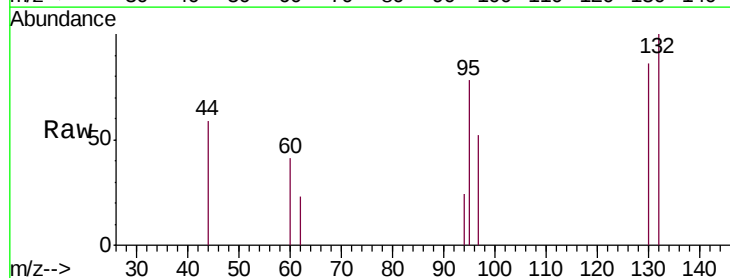
Ion Ratio Lower Upper

95 100

97 66.1 44.2 82.2

132 127.8 67.8 126.0#

130 109.7 70.4 130.8

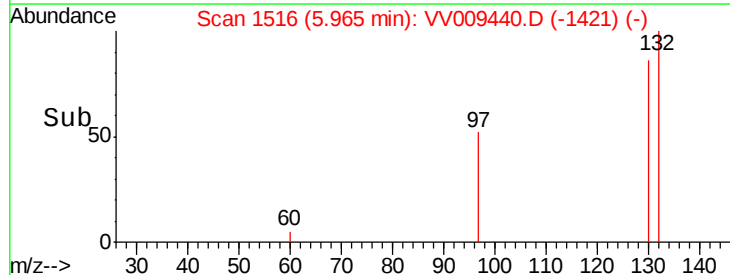
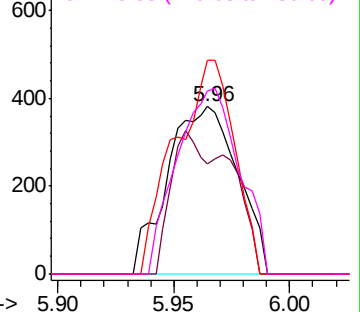


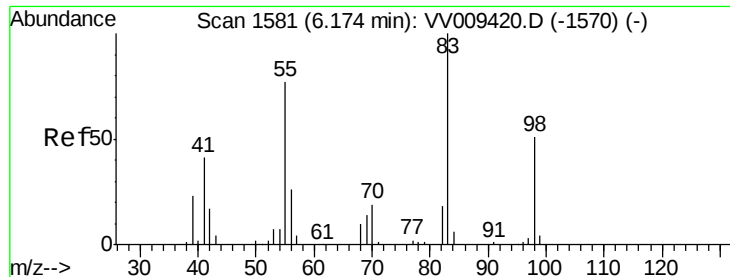
Abundance Ion 95.00 (94.70 to 95.70): VV009440.D (-1421) (-)

Ion 96.95 (96.65 to 97.65): VV009440.D (-1421) (-)

Ion 131.95 (131.65 to 132.65): VV009440.D (-1421) (-)

Ion 129.95 (129.65 to 130.65): VV009440.D (-1421) (-)

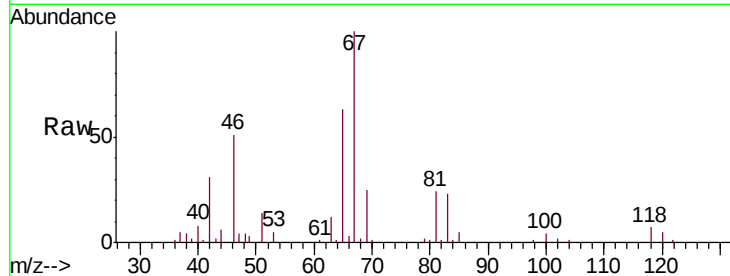




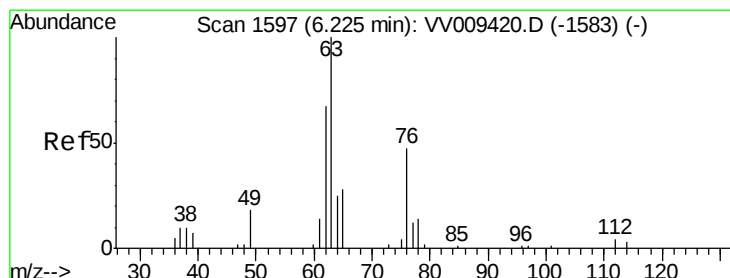
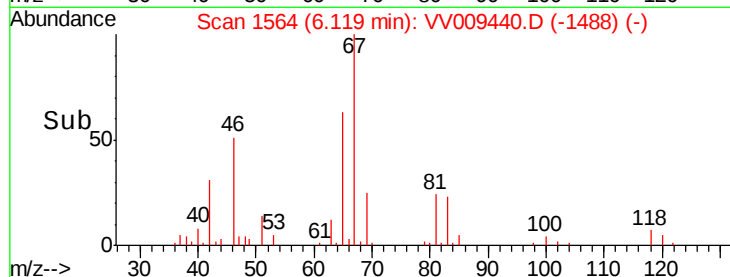
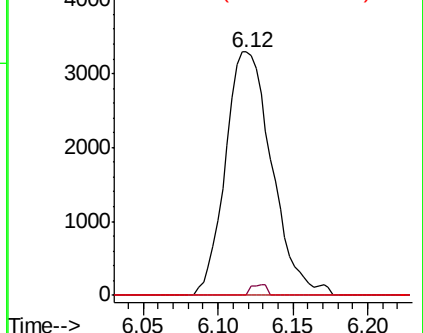
#35
Methylcyclohexane
Concen: 0.642 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV009440.D
Acq: 28 Feb 2019 22:31

Instrument :
MSVOA_V
ClientSampleId :
CWK09

Tgt Ion: 83 Resp: 7125
Ion Ratio Lower Upper
83 100
55 1.4 59.8 89.8#
98 0.0 39.9 59.9#

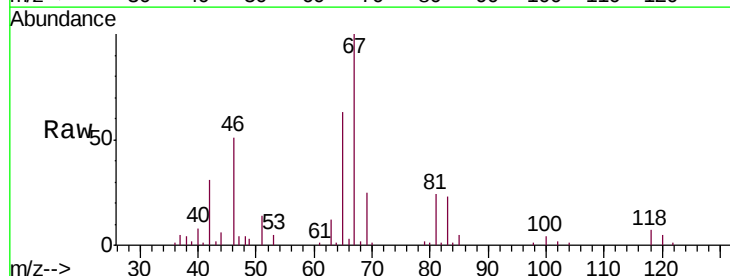


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

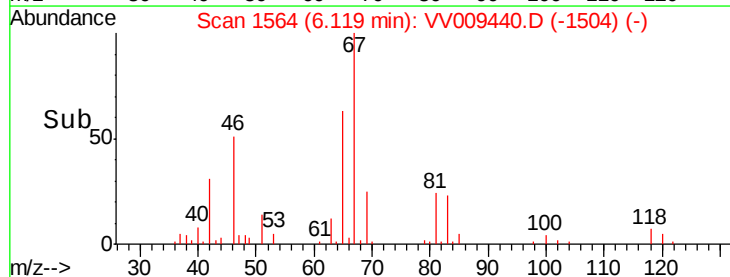
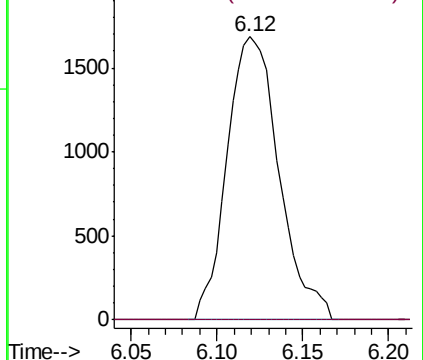


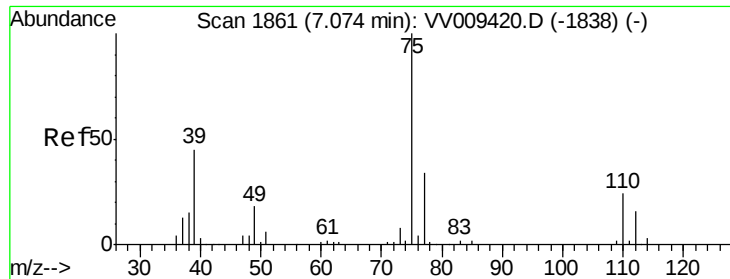
#37
1,2-Dichloropropane
Concen: 0.606 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.11 min
Lab File: VV009440.D
Acq: 28 Feb 2019 22:31

Tgt Ion: 63 Resp: 3552
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

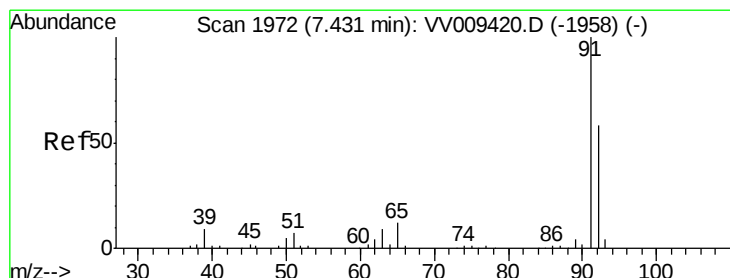
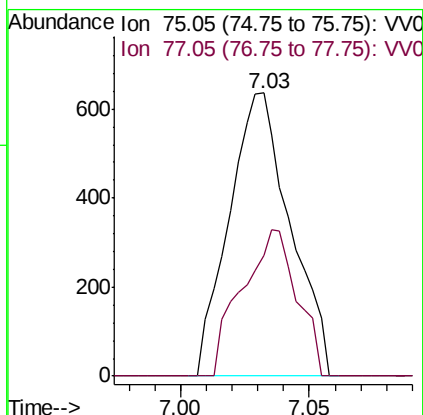
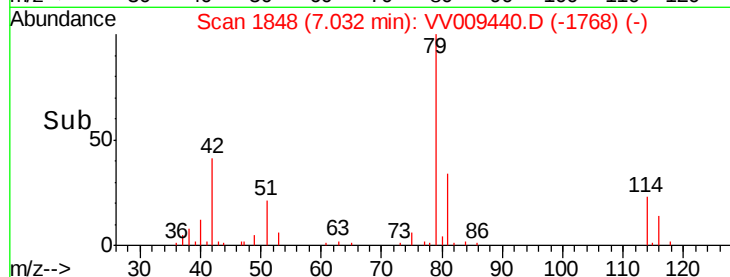
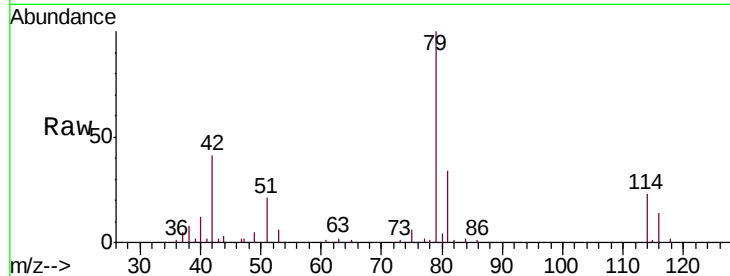




#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009440.D
 Acq: 28 Feb 2019 22:31

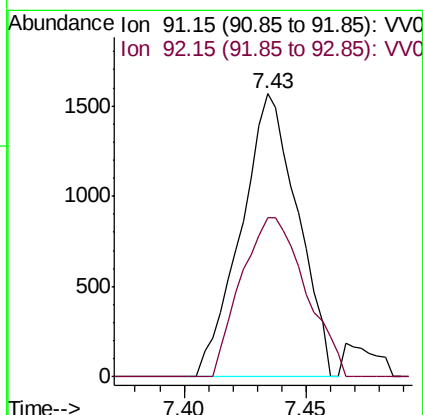
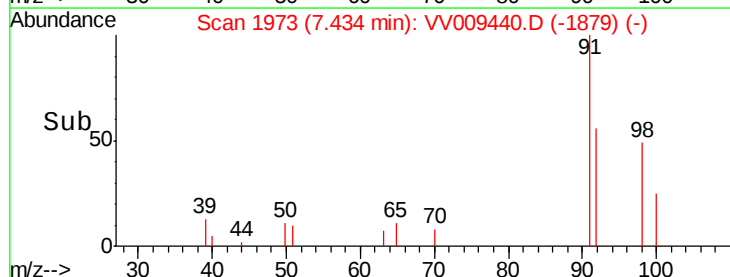
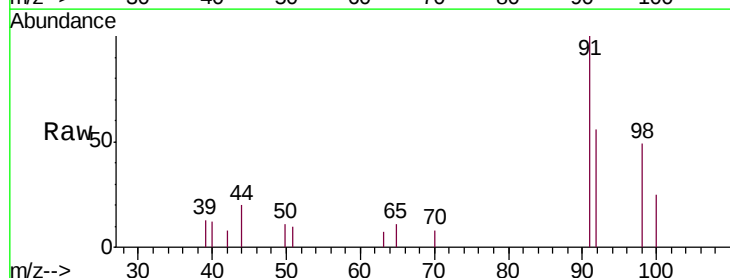
Instrument :
 MSVOA_V
 ClientSampled :
 CWK09

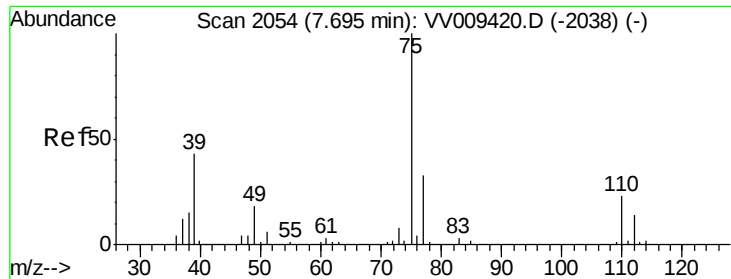
Tgt Ion: 75 Resp: 1053
 Ion Ratio Lower Upper
 75 100
 77 42.8 21.1 39.1#



#42
 Toluene
 Concen: 0.092 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV009440.D
 Acq: 28 Feb 2019 22:31

Tgt Ion: 91 Resp: 2521
 Ion Ratio Lower Upper
 91 100
 92 56.1 39.8 73.8





#44

trans-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009440.D

Acq: 28 Feb 2019 22:31

Instrument :

MSVOA_V

ClientSampleId :

CWK09

Tgt Ion: 75 Resp: 620

Ion Ratio Lower Upper

75 100

77 51.1 22.2 41.2#

