

Data File : VV011972.D
Acq On : 23 Jul 2019 18:43
Operator : SY/MD
Sample : K3958-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2A40

Quant Time: Jul 24 05:57:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 05:52:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	128993	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	124956	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	61423	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34368	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.59	69	27820	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.13	63	56683	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	3.97	46	119426	60.94	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.88%
24) Chloroform-d	4.41	84	91286	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.08	65	52432	5.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.80%
32) Benzene-d6	5.10	84	191447	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
36) 1,2-Dichloropropane-d6	6.12	67	54456	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.36	98	170657	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
43) trans-1,3-Dichloropropene-	7.67	79	21191	5.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.80%
46) 2-Hexanone-d5	8.14	63	101532	62.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39818	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	69464	5.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.40%

Target Compounds

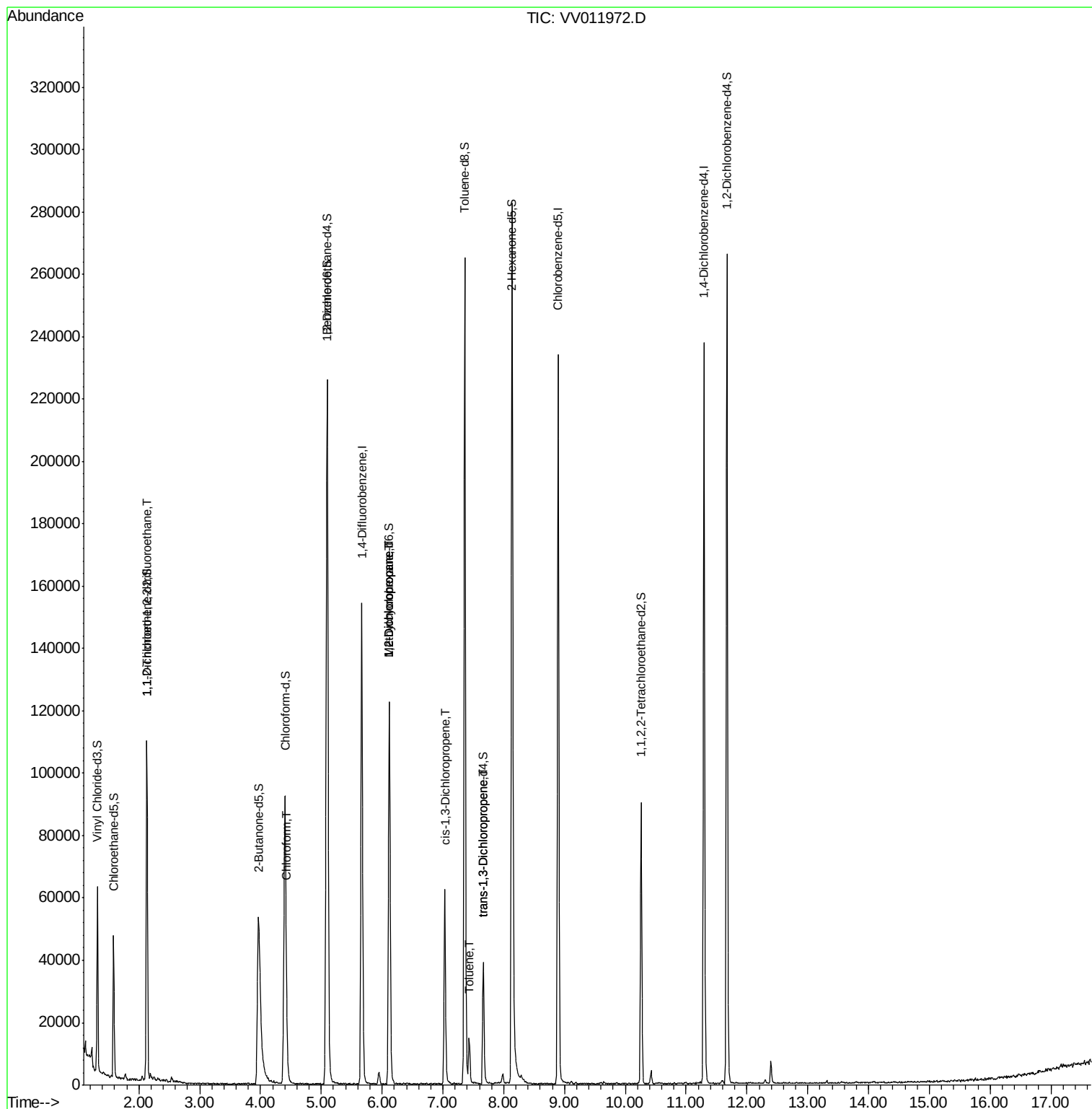
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	538	0.082 ug/L #	15
25) Chloroform	4.43	83	6290	0.323 ug/L	93
35) Methylcyclohexane	6.12	83	14735	0.927 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6591	0.746 ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1843	0.141 ug/L #	78
42) Toluene	7.43	91	9882	0.250 ug/L	95
44) trans-1,3-Dichloropropene	7.66	75	1003	0.096 ug/L	92

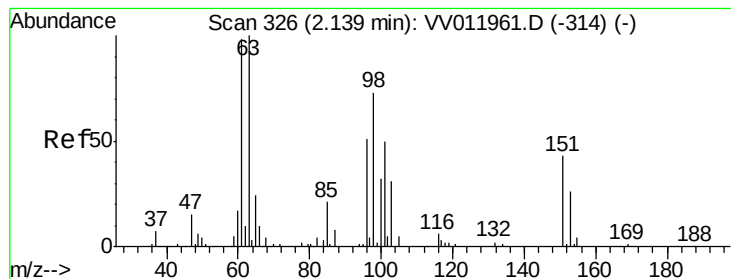
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.082 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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F2A40

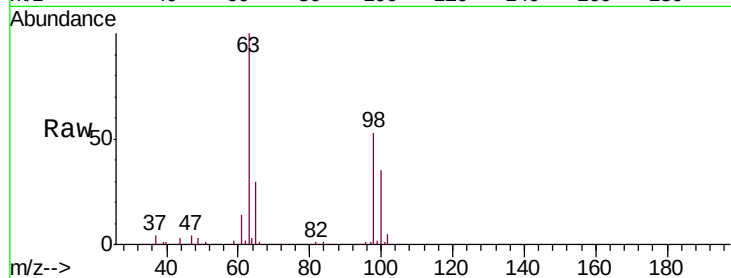
Tgt Ion: 101 Resp: 538

Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

151 0.0 68.3 102.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

500

400

300

200

100

0

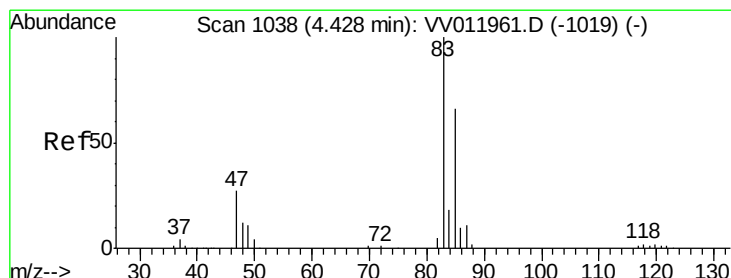
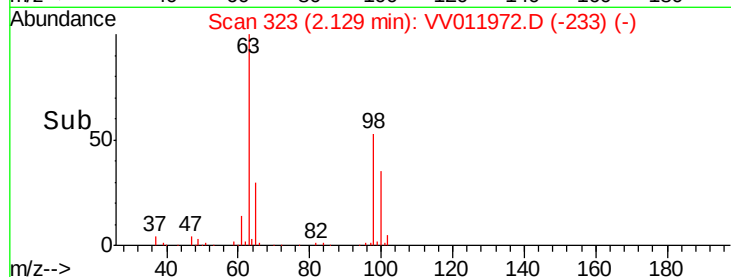
2.10

2.12

2.14

2.16

Time-->



#25

Chloroform

Concen: 0.323 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.00 min

Lab File: VV011972.D

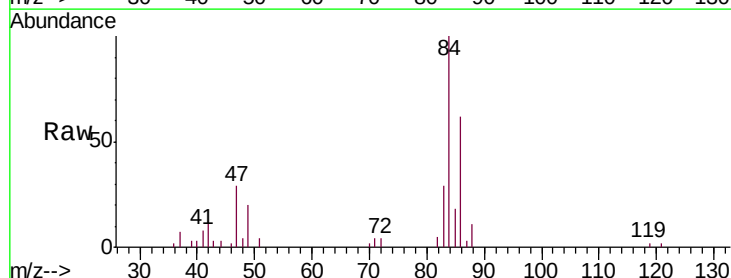
Acq: 23 Jul 2019 18:43

Tgt Ion: 83 Resp: 6290

Ion Ratio Lower Upper

83 100

85 61.2 46.5 86.3



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

2500

2000

1500

1000

500

0

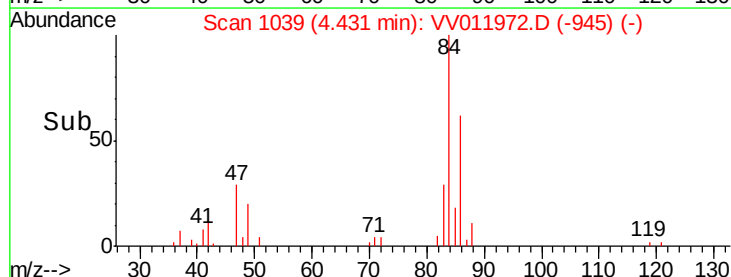
4.35

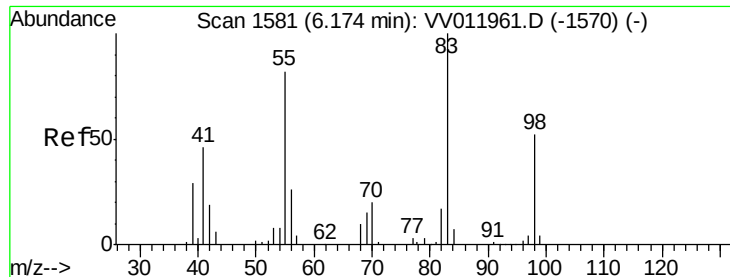
4.40

4.45

4.50

Time-->

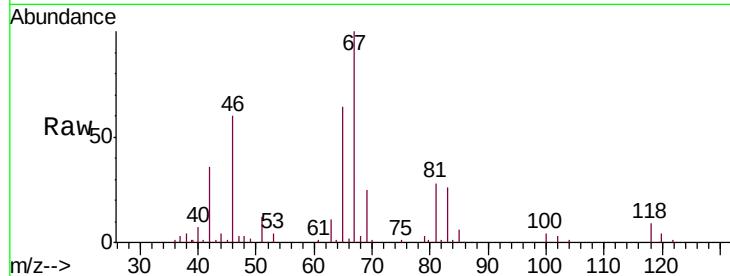




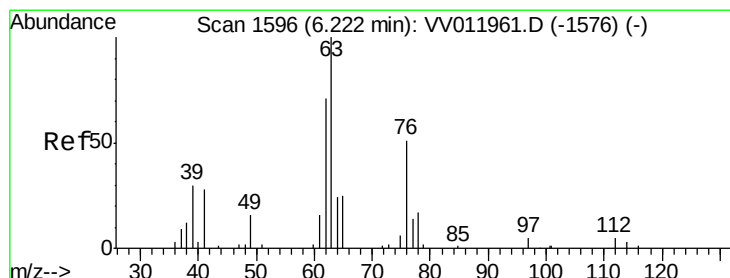
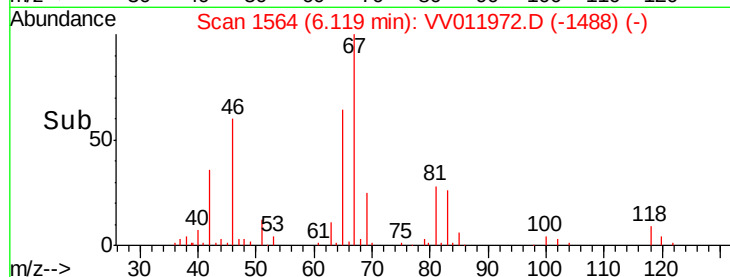
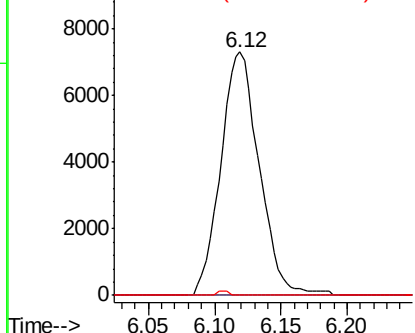
#35
Methylcyclohexane
Concen: 0.927 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
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Instrument :
MSVOA_V
ClientSampleId :
F2A40

Tgt Ion: 83 Resp: 14735
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.4#
98 0.5 41.4 62.0#

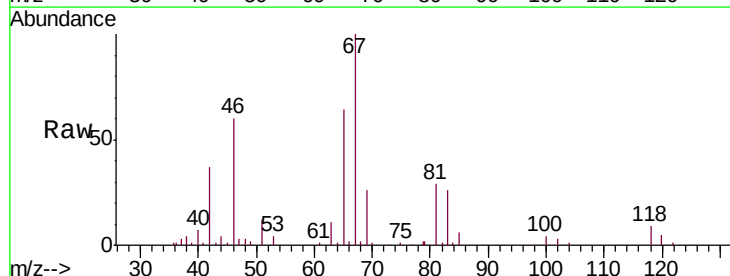


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

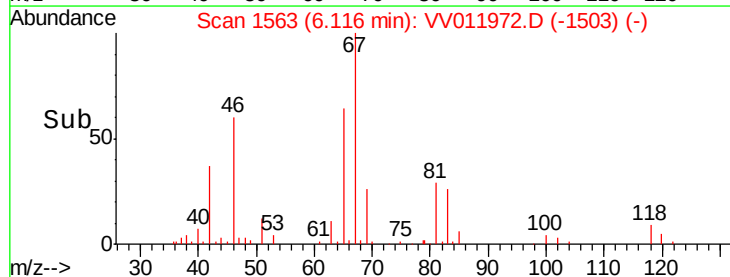
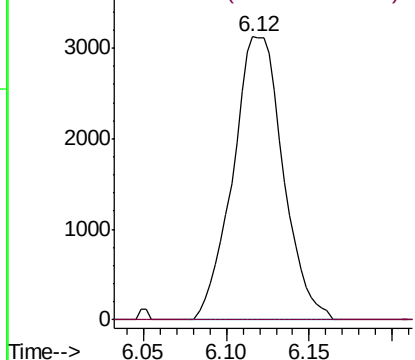


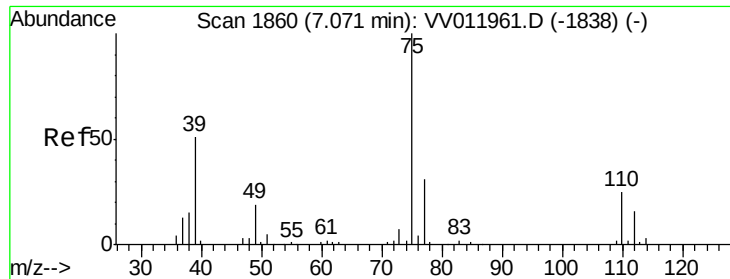
#37
1,2-Dichloropropane
Concen: 0.746 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV011972.D
Acq: 23 Jul 2019 18:43

Tgt Ion: 63 Resp: 6591
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



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: 0.141 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV011972.D

Acq: 23 Jul 2019 18:43

Instrument :

MSVOA_V

ClientSampleId :

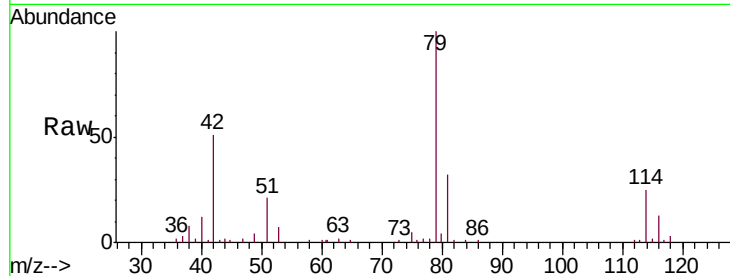
F2A40

Tgt Ion: 75 Resp: 1843

Ion Ratio Lower Upper

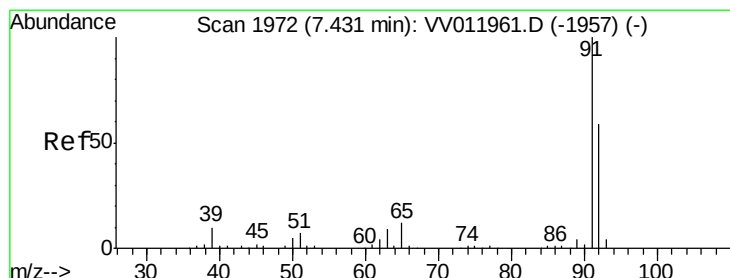
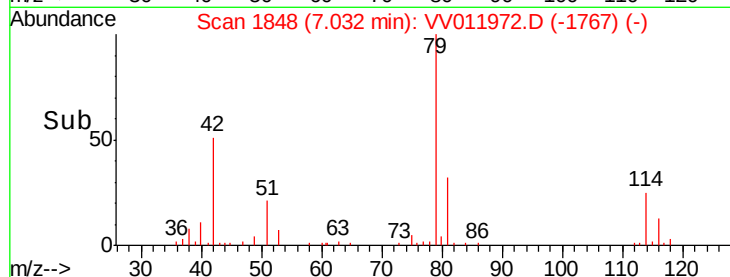
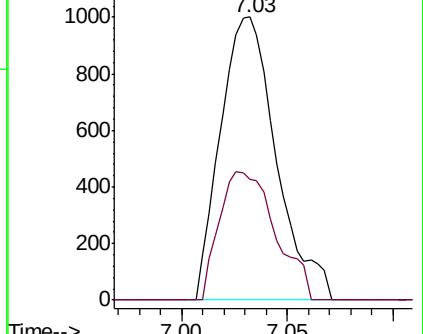
75 100

77 42.8 21.3 39.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#42

Toluene

Concen: 0.250 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VV011972.D

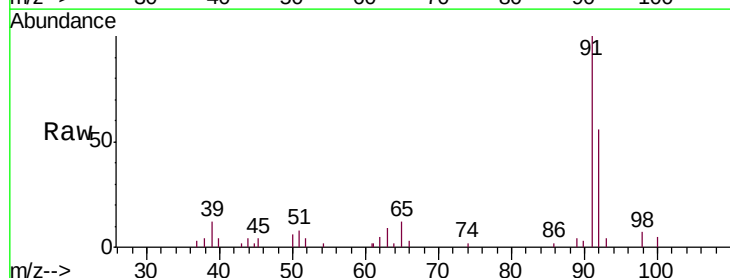
Acq: 23 Jul 2019 18:43

Tgt Ion: 91 Resp: 9882

Ion Ratio Lower Upper

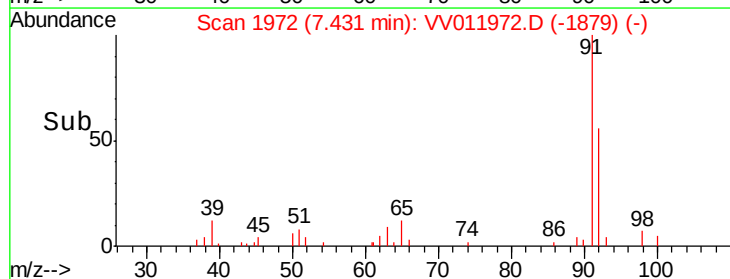
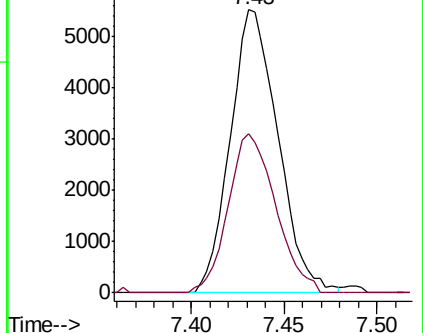
91 100

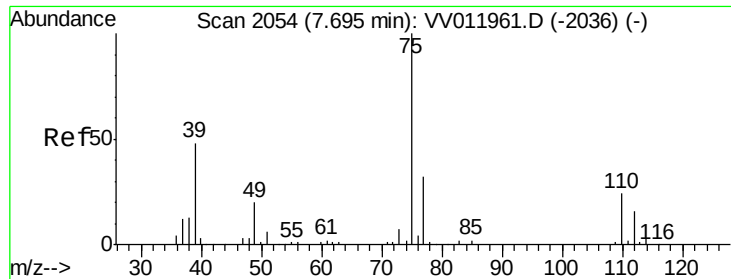
92 56.0 41.9 77.9



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011972.D

Acq: 23 Jul 2019 18:43

Instrument :

MSVOA_V

ClientSampleId :

F2A40

Tgt Ion: 75 Resp: 1003

Ion Ratio Lower Upper

75 100

77 35.6 22.0 40.8

