

Data File : VV009834.D
Acq On : 22 Mar 2019 18:08
Operator : SY/MD
Sample : K2052-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
P011-TW001-01

Quant Time: Mar 23 03:58:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 23 03:53:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88233	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	91846	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38848	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50418	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.59	69	51300	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.60%
11) 1,1-Dichloroethene-d2	2.13	63	97149	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	3.97	46	65697	53.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.46%
24) Chloroform-d	4.41	84	55781	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.09	65	29149	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.80%
32) Benzene-d6	5.10	84	116970	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	33827	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.36	98	100371	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.67	79	10859	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.14	63	53232	47.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	25552	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	35872	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

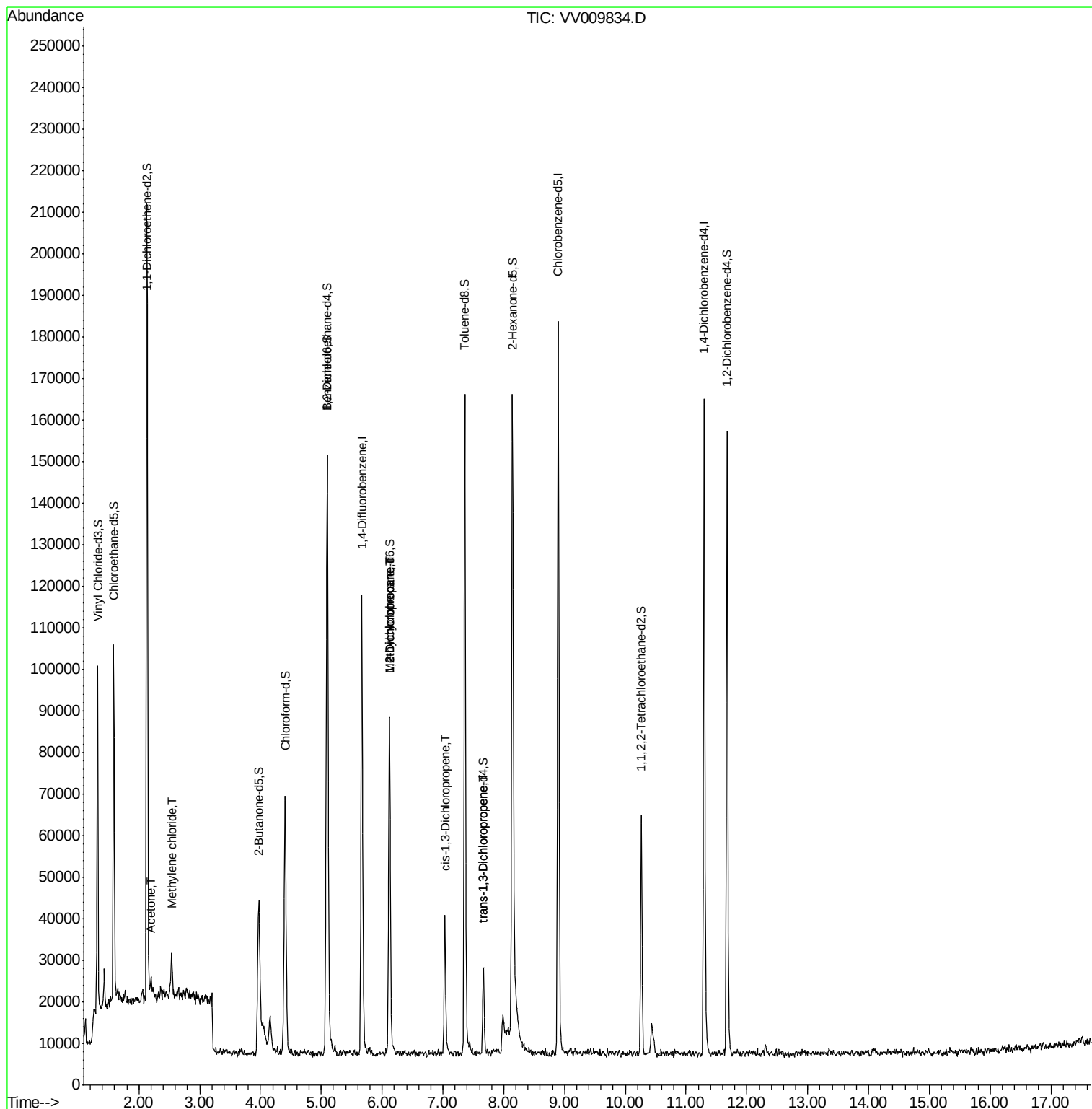
					Qvalue
13) Acetone	2.21	43	3377	2.113 ug/L	94
16) Methylene chloride	2.54	84	4436	0.333 ug/L	80
35) Methylcyclohexane	6.12	83	8015	0.718 ug/L #	21
37) 1,2-Dichloropropane	6.12	63	4224	0.655 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1197	0.137 ug/L	86
44) trans-1,3-Dichloropropene	7.67	75	643	0.092 ug/L	86

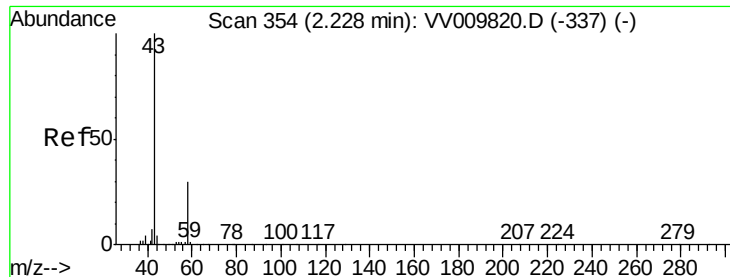
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.113 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.02 min

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MSVOA_V

ClientSampleId :

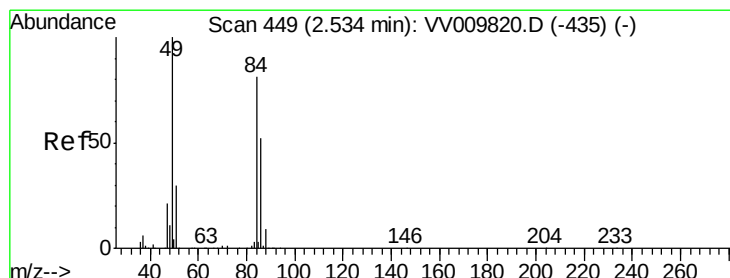
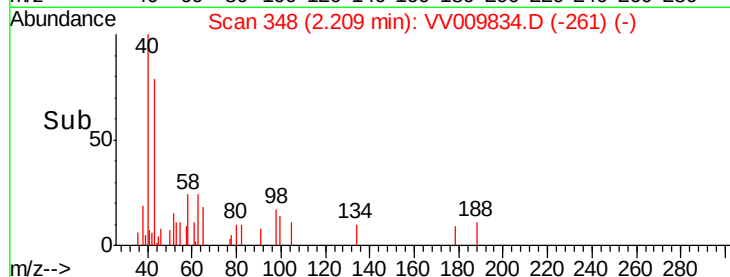
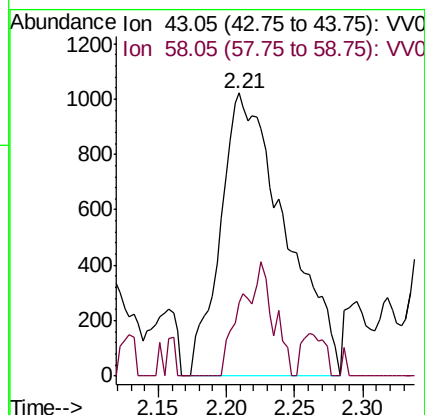
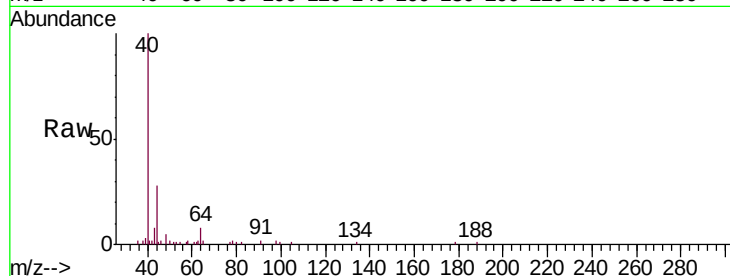
P011-TW001-01

Tgt Ion: 43 Resp: 3377

Ion Ratio Lower Upper

43 100

58 9.1 0.0 23.0



#16

Methylene chloride

Concen: 0.333 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.01 min

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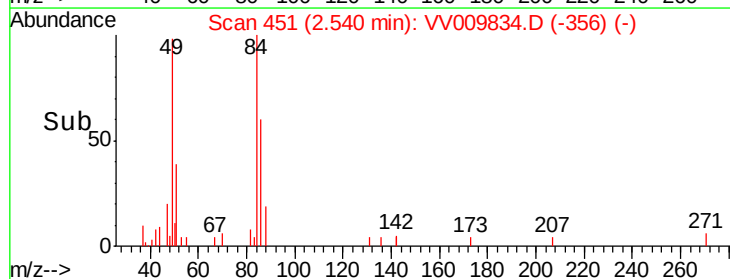
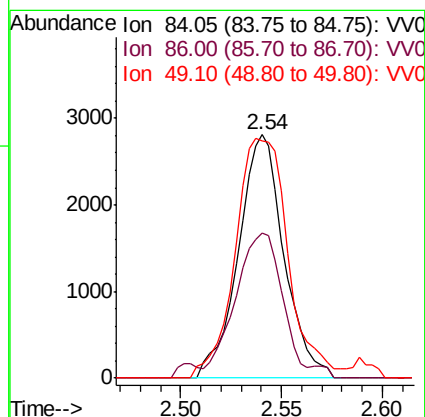
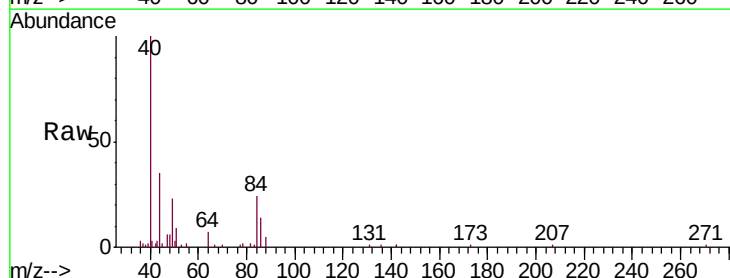
Tgt Ion: 84 Resp: 4436

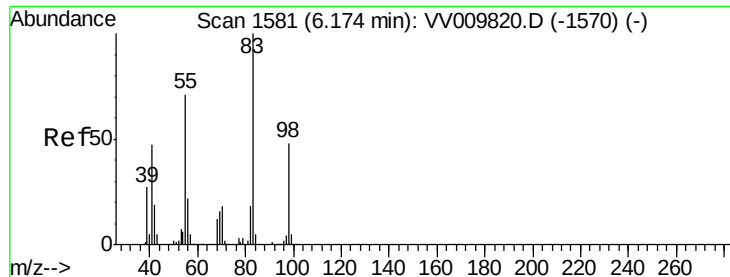
Ion Ratio Lower Upper

84 100

86 59.7 46.1 85.5

49 97.7 89.7 166.5

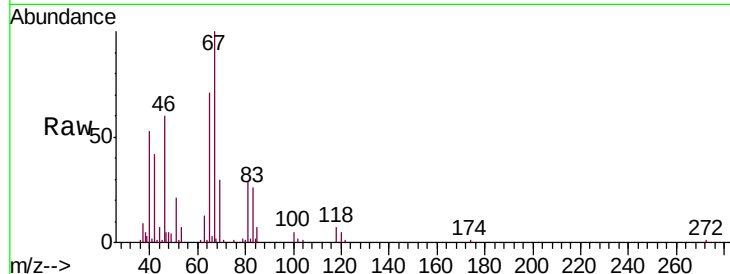




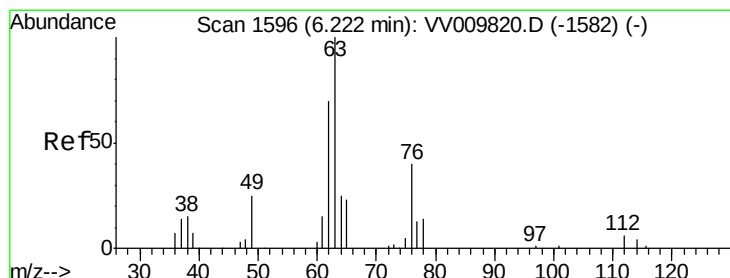
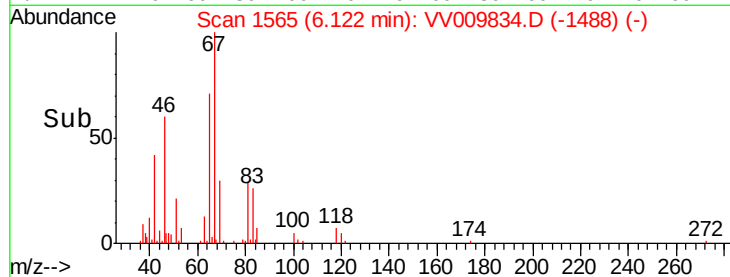
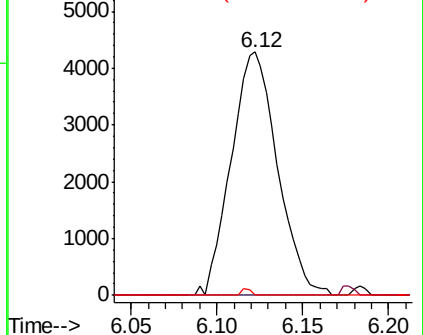
#35
Methylcyclohexane
Concen: 0.718 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV009834.D
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Instrument :
MSVOA_V
ClientSampleId :
P011-TW001-01

Tgt Ion: 83 Resp: 8015
Ion Ratio Lower Upper
83 100
55 1.0 57.4 86.2#
98 0.5 38.9 58.3#

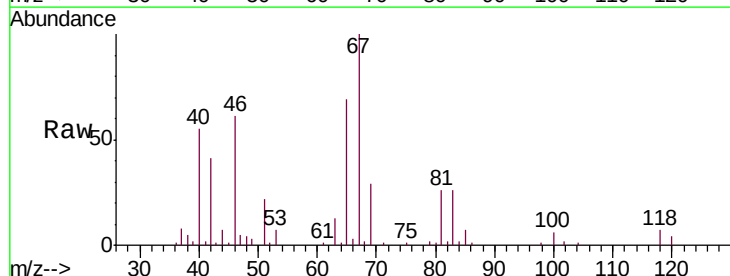


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

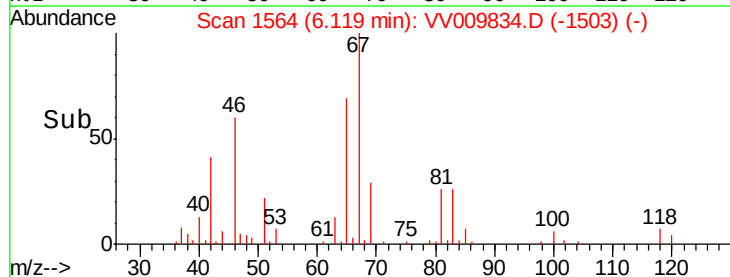
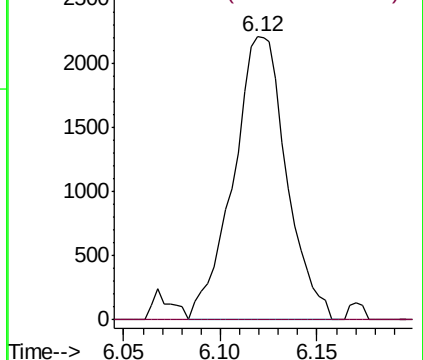


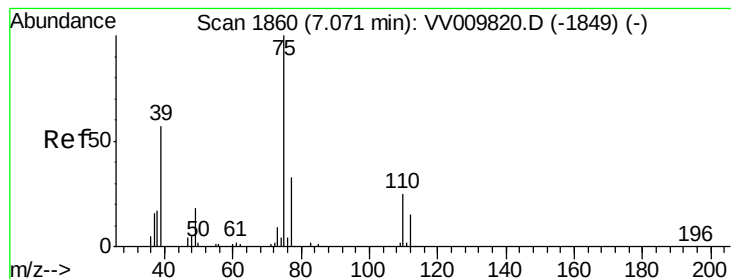
#37
1,2-Dichloropropane
Concen: 0.655 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009834.D
Acq: 22 Mar 2019 18:08

Tgt Ion: 63 Resp: 4224
Ion Ratio Lower Upper
63 100
112 0.5 3.3 4.9#



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: 0.137 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV009834.D

Acq: 22 Mar 2019 18:08

Instrument :

MSVOA_V

ClientSampleId :

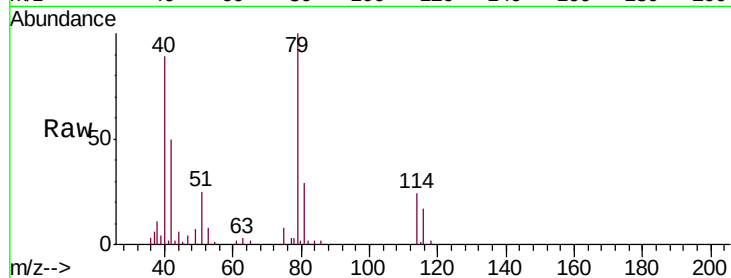
P011-TW001-01

Tgt Ion: 75 Resp: 1197

Ion Ratio Lower Upper

75 100

77 42.6 24.1 44.8



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.03

800

600

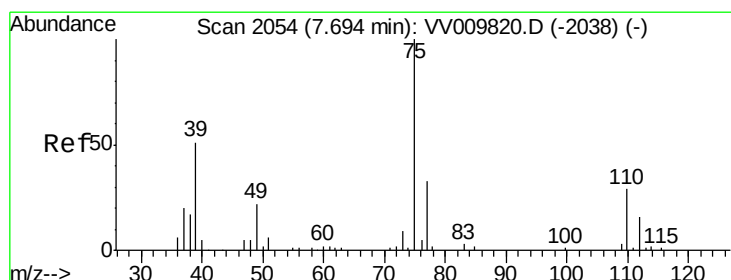
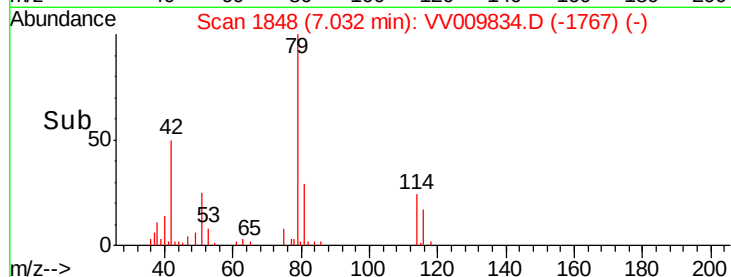
400

200

0

7.00 7.02 7.04 7.06

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV009834.D

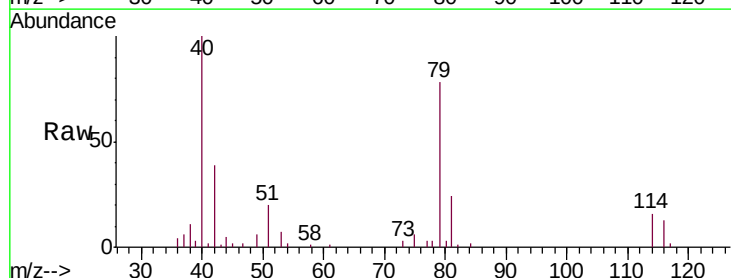
Acq: 22 Mar 2019 18:08

Tgt Ion: 75 Resp: 643

Ion Ratio Lower Upper

75 100

77 40.3 22.7 42.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.67

500

400

300

200

100

0

7.62 7.64 7.66 7.68 7.70

Time-->

