

Data File : VV009862.D
Acq On : 25 Mar 2019 15:44
Operator : SY/MD
Sample : VV0325WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK78

Quant Time: Mar 26 07:16:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 07:13:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	182512	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	176310	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72283	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93981	50.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.86%
7) Chloroethane-d5	1.57	69	104389	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.56%
11) 1,1-Dichloroethene-d2	2.13	63	199540	36.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.64%
21) 2-Butanone-d5	3.93	46	76787	92.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.32%
24) Chloroform-d	4.40	84	114899	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.68%
26) 1,2-Dichloroethane-d4	5.08	65	82870	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.68%
32) Benzene-d6	5.10	84	258698	54.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.12%
36) 1,2-Dichloropropane-d6	6.12	67	77186	52.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.56%
41) Toluene-d8	7.36	98	233484	49.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.64%
43) trans-1,3-Dichloropropene-	7.66	79	29748	44.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.22%
47) 2-Hexanone-d5	8.13	63	56057	92.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.63%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	103811	43.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.66%
64) 1,2-Dichlorobenzene-d4	11.67	152	78119	46.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.30%

Target Compounds

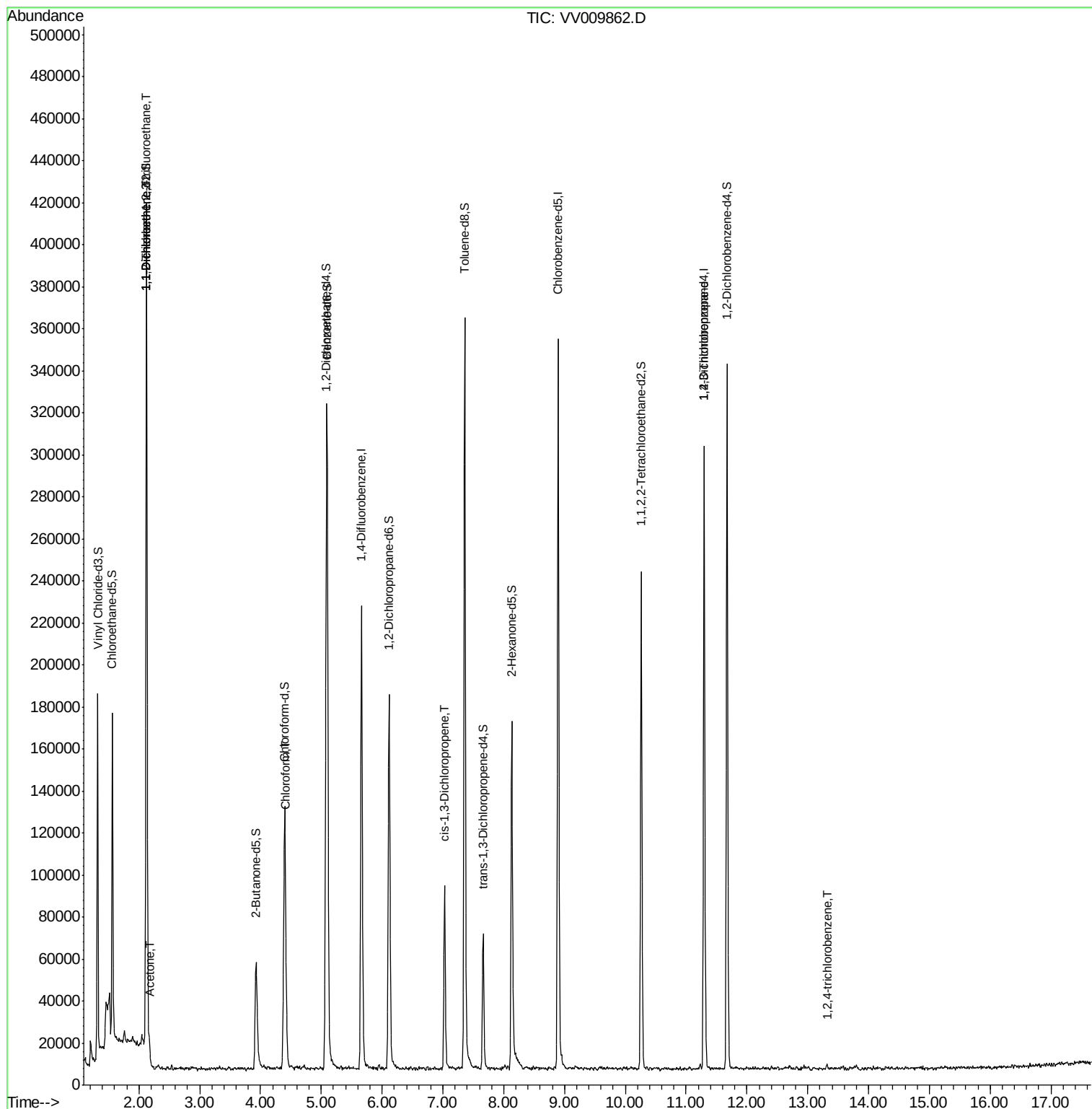
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2668	0.952	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	2043	0.824	ug/L #	1
13) Acetone	2.19	43	595	0.601	ug/L	69
25) Chloroform	4.42	83	2477	0.958	ug/L	99
39) cis-1,3-Dichloropropene	7.03	75	2752	1.444	ug/L	87
59) 1,2,3-Trichloropropane	11.30	75	11449	6.408	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	517	0.384	ug/L #	74

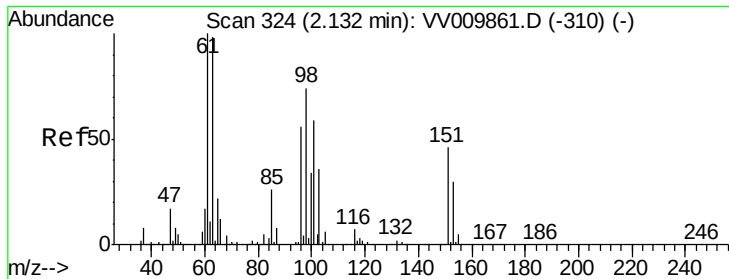
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.952 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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Acq: 25 Mar 2019 15:44

Instrument :

MSVOA_V

ClientSampleId :

VBLK78

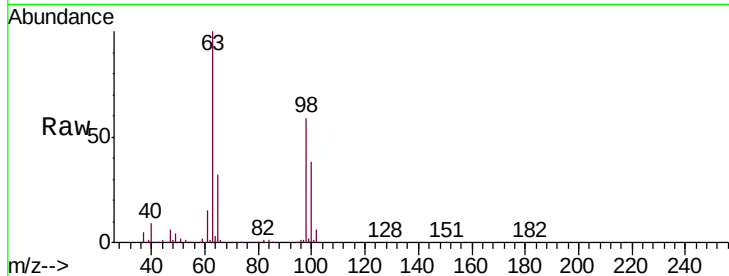
Tgt Ion: 101 Resp: 2668

Ion Ratio Lower Upper

101 100

85 2.8 37.0 55.4#

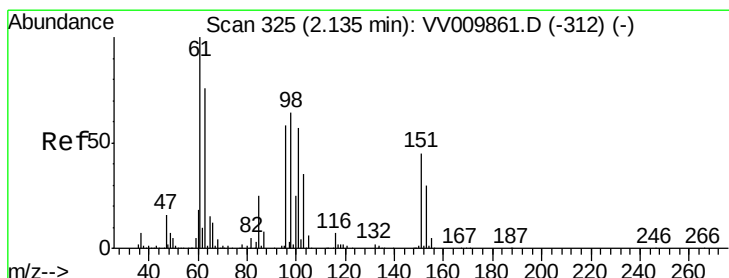
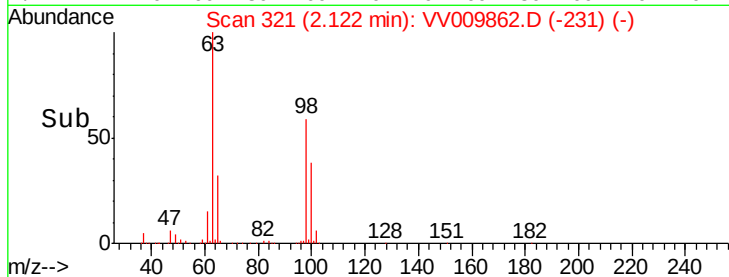
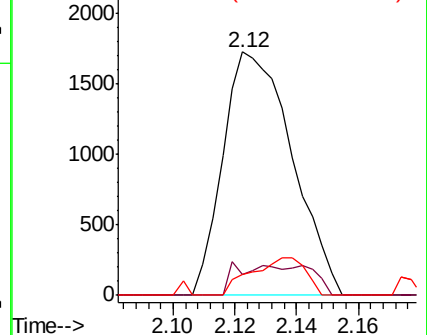
151 0.0 65.4 98.2#



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



#12

1,1-Dichloroethene

Concen: 0.824 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV009862.D

Acq: 25 Mar 2019 15:44

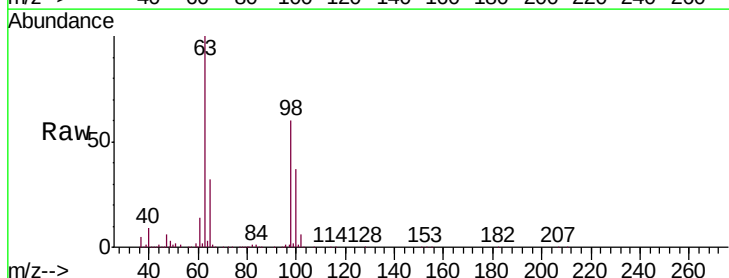
Tgt Ion: 96 Resp: 2043

Ion Ratio Lower Upper

96 100

61 1359.6 125.3 232.7#

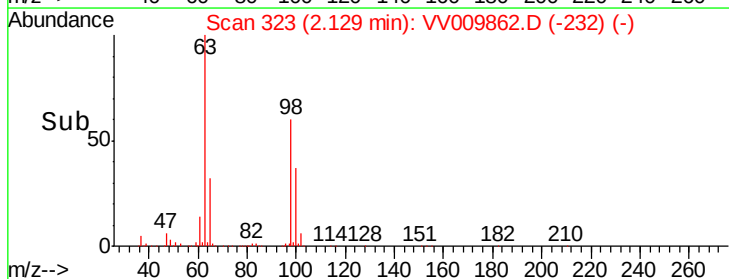
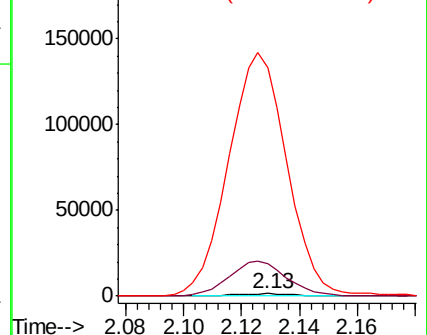
63 9639.4 109.7 203.7#

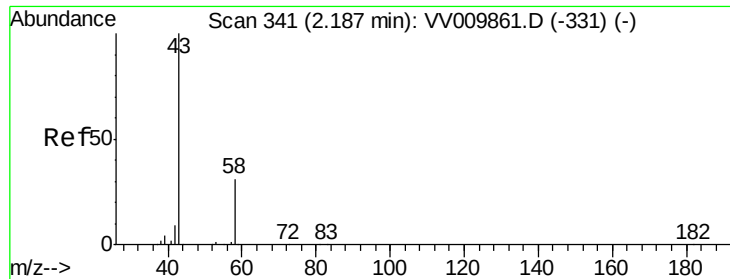


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 0.601 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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ClientSampleId :

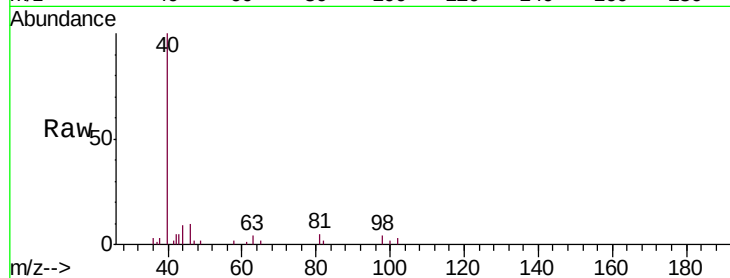
VBLK78

Tgt Ion: 43 Resp: 595

Ion Ratio Lower Upper

43 100

58 15.3 0.0 65.2



Abundance Ion 43.00 (42.70 to 43.70): VV009861.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009861.D (-331) (-)

2.19

300

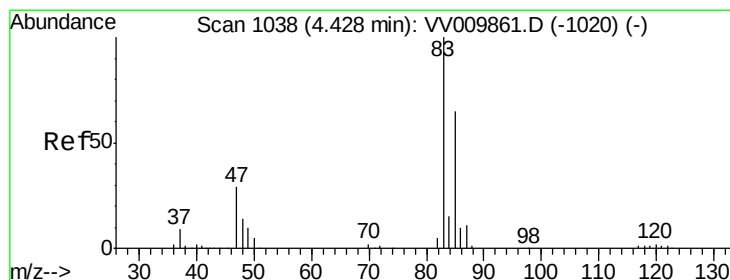
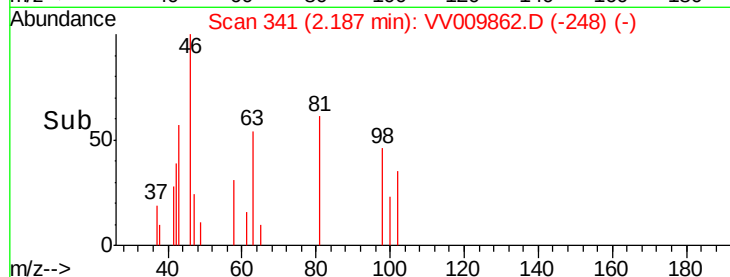
200

100

0

2.16 2.18 2.20 2.22

Time-->



#25

Chloroform

Concen: 0.958 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VV009862.D

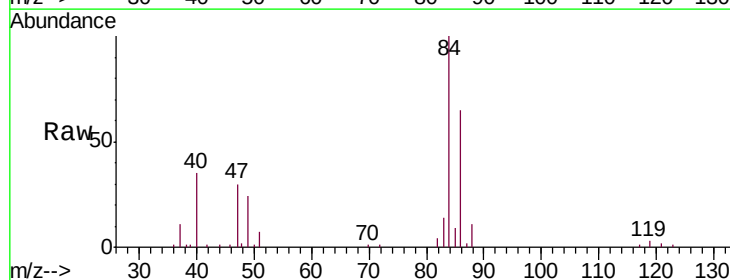
Acq: 25 Mar 2019 15:44

Tgt Ion: 83 Resp: 2477

Ion Ratio Lower Upper

83 100

85 64.9 44.7 82.9



Abundance Ion 83.00 (82.70 to 83.70): VV009861.D (-1020) (-)

Ion 85.00 (84.70 to 85.70): VV009861.D (-1020) (-)

4.42

3000

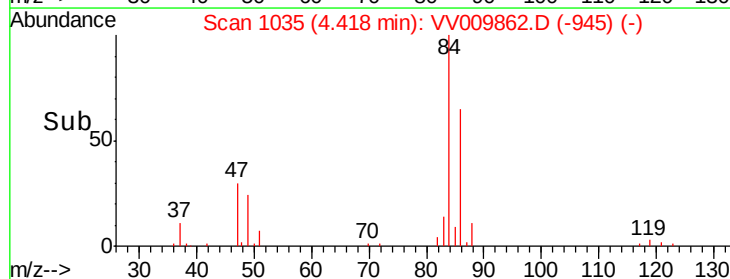
2000

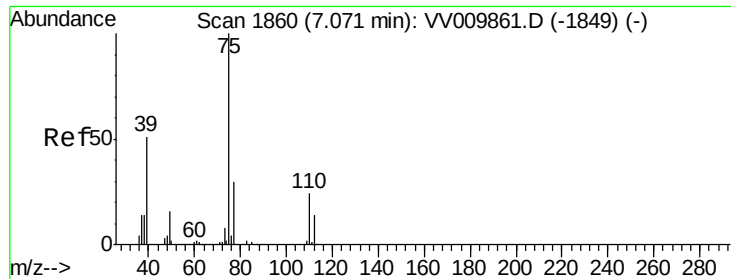
1000

0

4.39 4.40 4.41 4.42 4.43

Time-->





#39

cis-1,3-Dichloropropene

Concen: 1.444 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV009862.D

Acq: 25 Mar 2019 15:44

Instrument :

MSVOA_V

ClientSampleId :

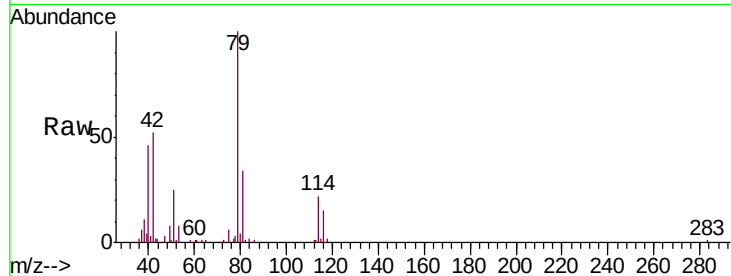
VBLK78

Tgt Ion: 75 Resp: 2752

Ion Ratio Lower Upper

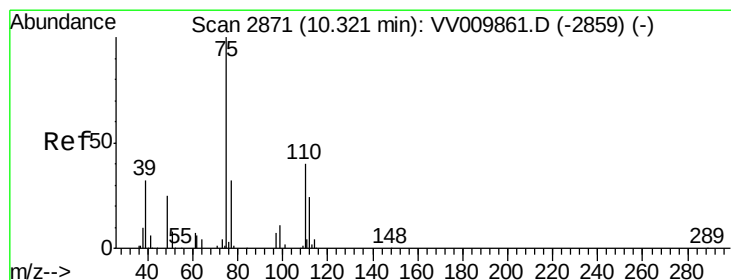
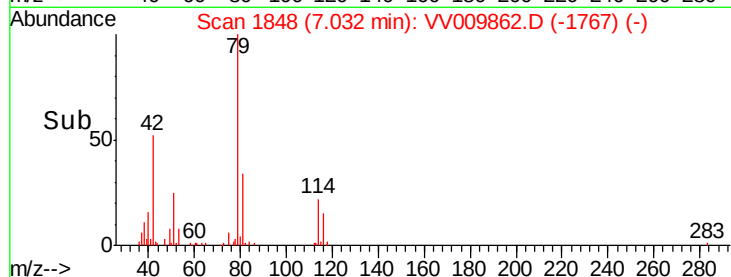
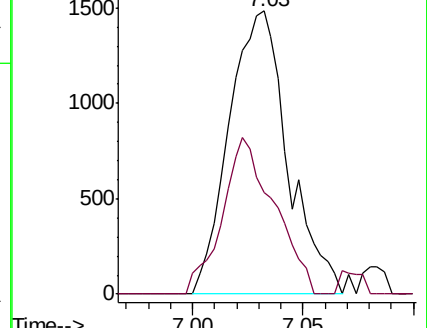
75 100

77 36.1 20.5 38.1



Abundance Ion 75.00 (74.70 to 75.70): VV009861.D (-1849) (-)

Ion 77.00 (76.70 to 77.70): VV009861.D (-1849) (-)



#59

1,2,3-Trichloropropane

Concen: 6.408 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009862.D

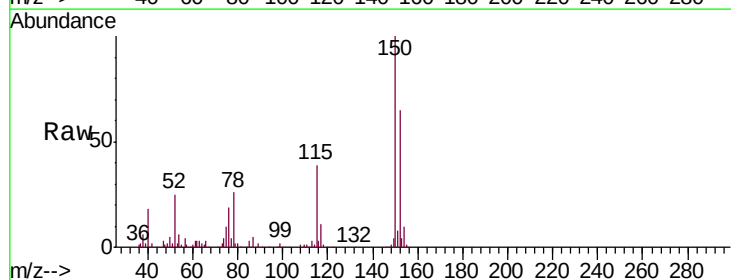
Acq: 25 Mar 2019 15:44

Tgt Ion: 75 Resp: 11449

Ion Ratio Lower Upper

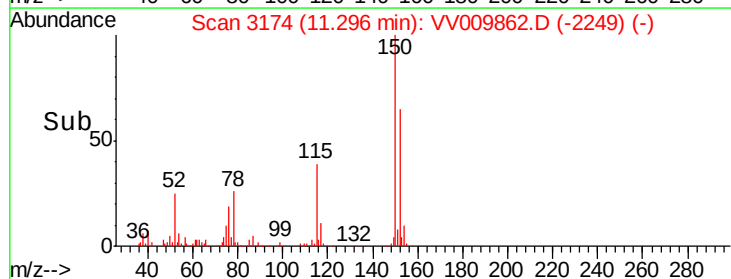
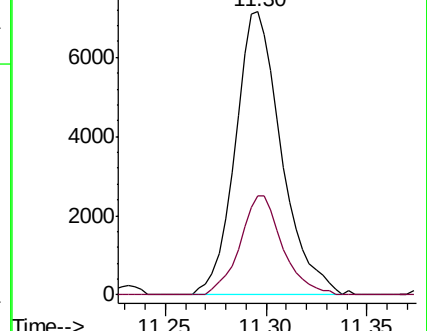
75 100

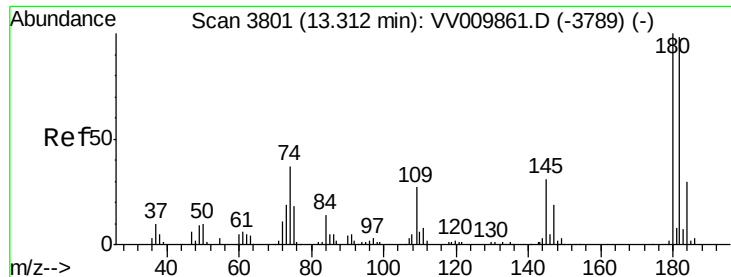
77 32.3 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV009861.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV009861.D (-2859) (-)

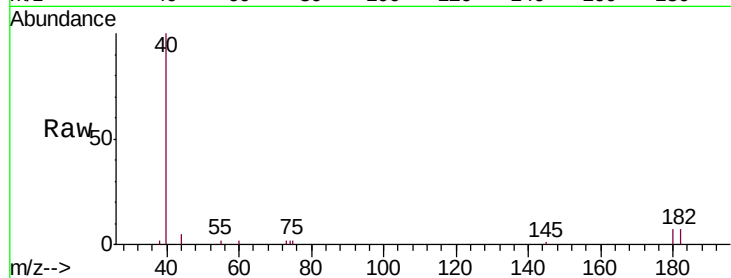




#68
 1,2,4-trichlorobenzene
 Concen: 0.384 ug/L
 RT: 13.31 min Scan# 3802
 Delta R.T. 0.00 min
 Lab File: VV009862.D
 Acq: 25 Mar 2019 15:44

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK78

Tgt Ion:180 Resp: 517
 Ion Ratio Lower Upper
 180 100
 182 117.4 77.1 115.7#
 145 8.9 24.3 36.5#



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

