

Data File : VV008389.D
Acq On : 24 Oct 2018 13:23
Operator : SY/MD
Sample : VV1024WBL01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK73

Quant Time: Oct 25 08:50:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 25 08:48:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	223672	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	199821	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82177	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53750	43.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.80%
7) Chloroethane-d5	1.59	69	43791	48.97	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.94%
11) 1,1-Dichloroethene-d2	2.13	63	79637	35.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.20%
21) 2-Butanone-d5	3.93	46	131282	97.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.54%
24) Chloroform-d	4.41	84	140869	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.24%
26) 1,2-Dichloroethane-d4	5.09	65	96891	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.90%
32) Benzene-d6	5.10	84	279449	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.16%
36) 1,2-Dichloropropane-d6	6.12	67	96775	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.92%
41) Toluene-d8	7.36	98	252549	48.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.70%
43) trans-1,3-Dichloropropene-	7.67	79	47753	49.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.46%
47) 2-Hexanone-d5	8.13	63	96788	93.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	126557	47.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.56%
64) 1,2-Dichlorobenzene-d4	11.68	152	82162	48.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.76%

Target Compounds

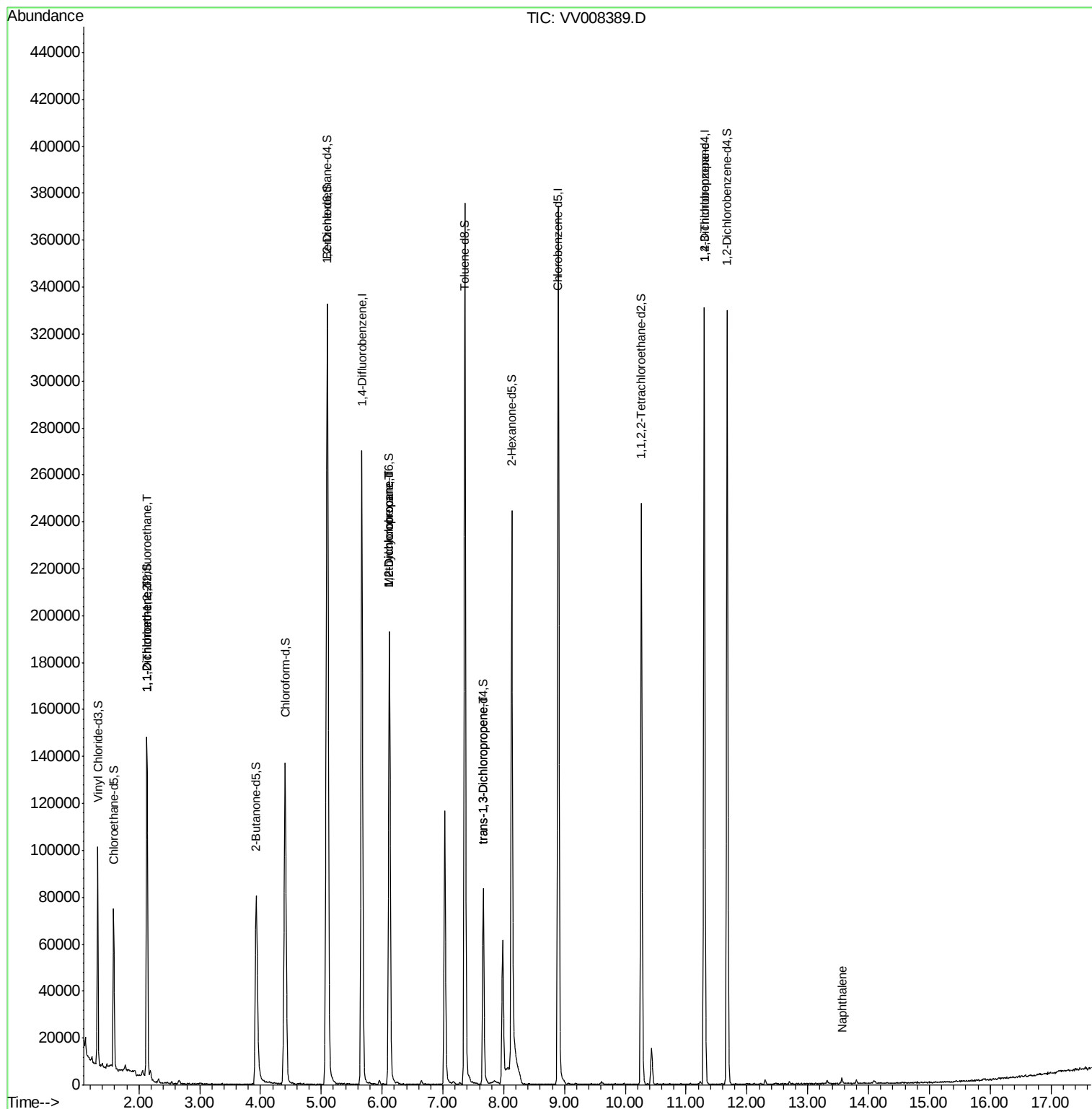
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	675	0.633 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	677	0.675 ug/L #	1
35) Methylcyclohexane	6.12	83	22144	7.789 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	10282	5.700 ug/L #	89
44) trans-1,3-Dichloropropene	7.67	75	2314	0.872 ug/L	88
59) 1,2,3-Trichloropropane	11.30	75	11101	4.910 ug/L	94
69) Naphthalene	13.56	128	2522	0.543 ug/L #	81

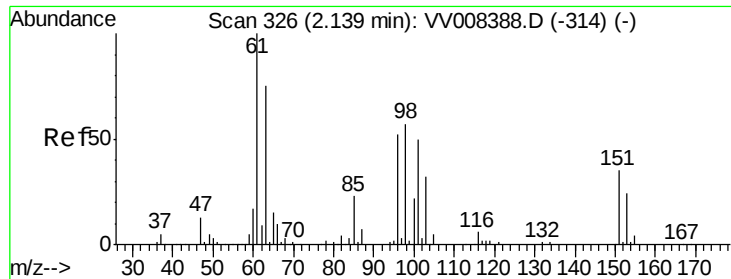
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.633 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

VBLK73

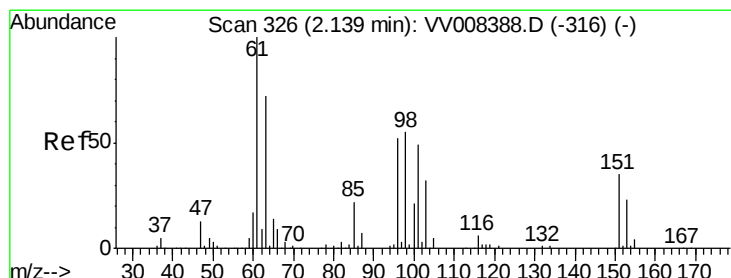
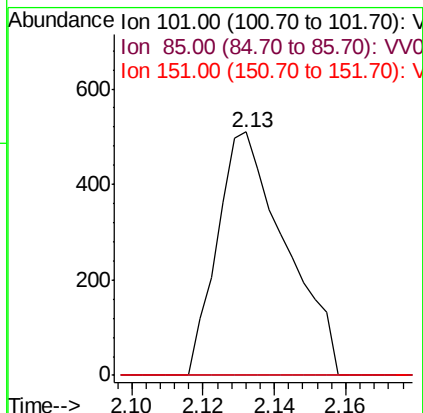
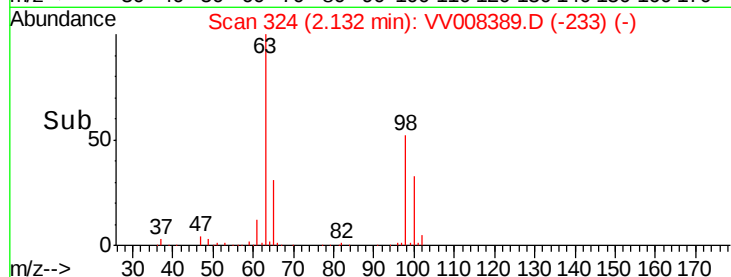
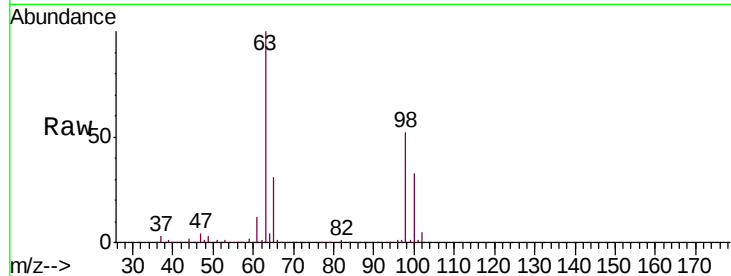
Tgt Ion:101 Resp: 675

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 58.1 87.1#



#12

1,1-Dichloroethene

Concen: 0.675 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008389.D

Acq: 24 Oct 2018 13:23

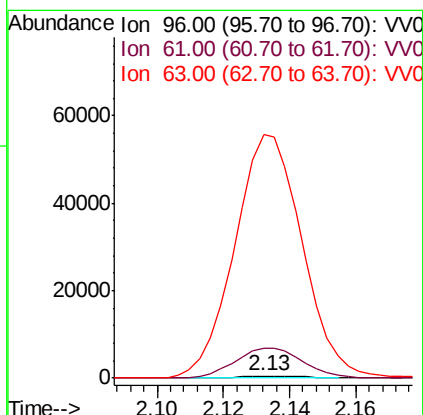
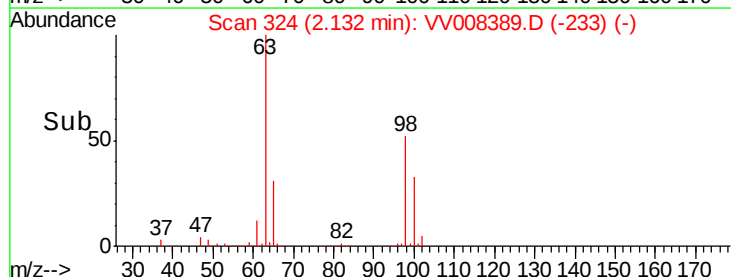
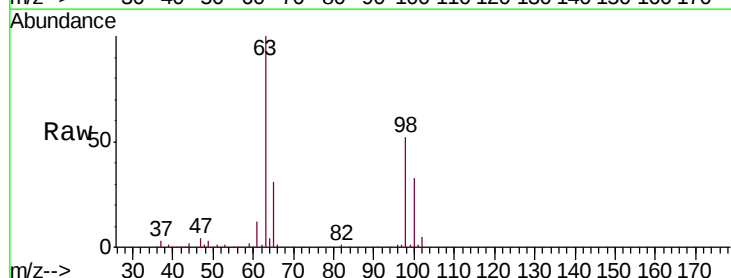
Tgt Ion: 96 Resp: 677

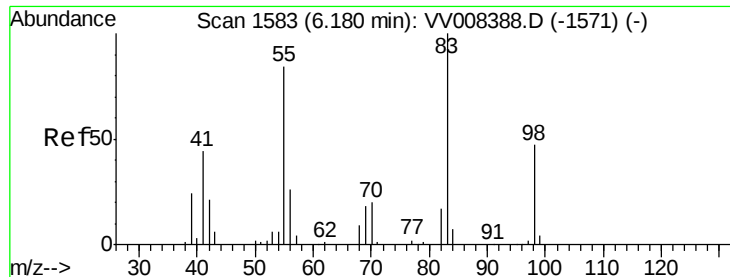
Ion Ratio Lower Upper

96 100

61 1486.4 130.3 242.1#

63 12032.8 84.4 156.8#

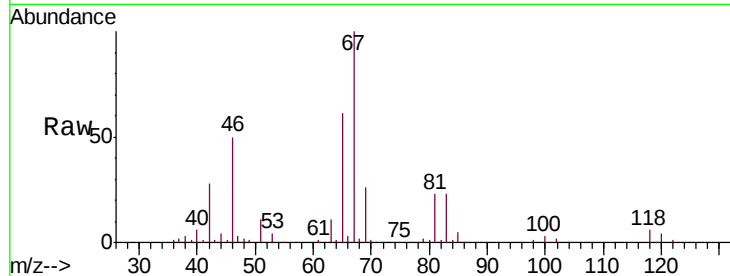




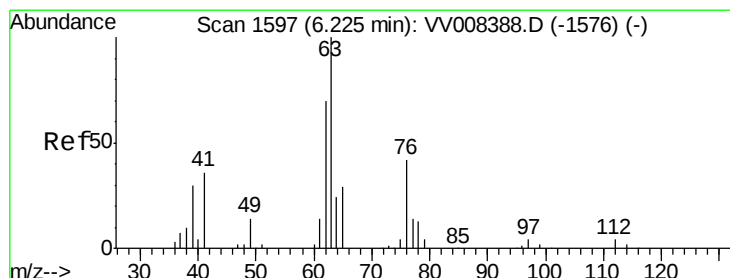
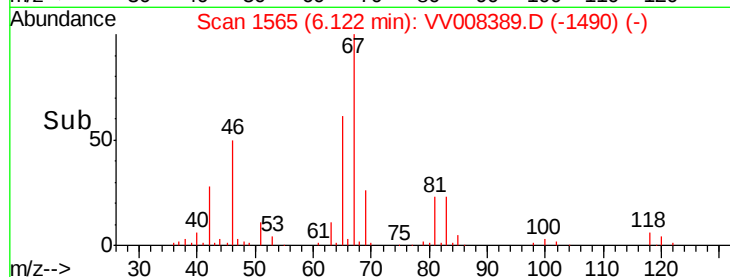
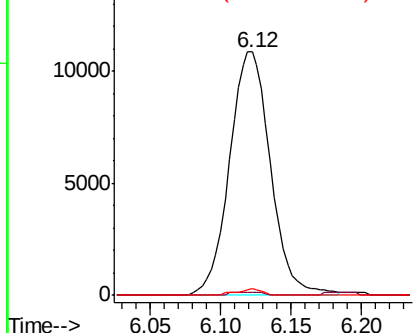
#35
Methylcyclohexane
Concen: 7.789 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV008389.D
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Instrument :
MSVOA_V
ClientSampleId :
VBLK73

Tgt Ion: 83 Resp: 22144
Ion Ratio Lower Upper
83 100
55 0.6 65.0 97.4#
98 1.5 36.0 54.0#

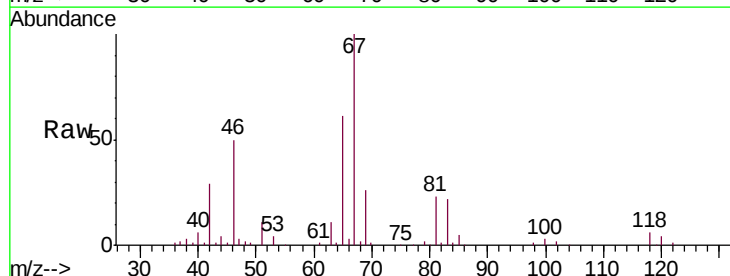


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

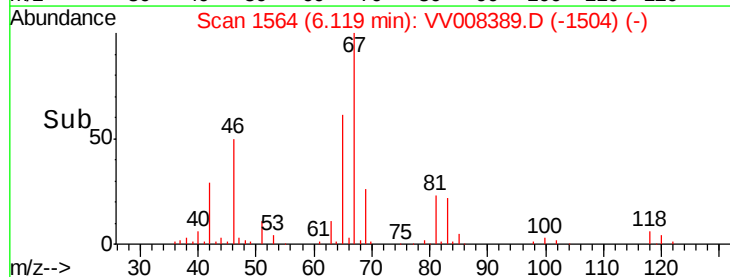
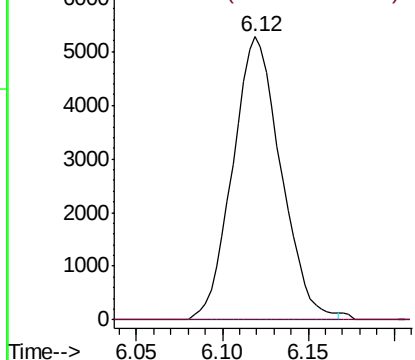


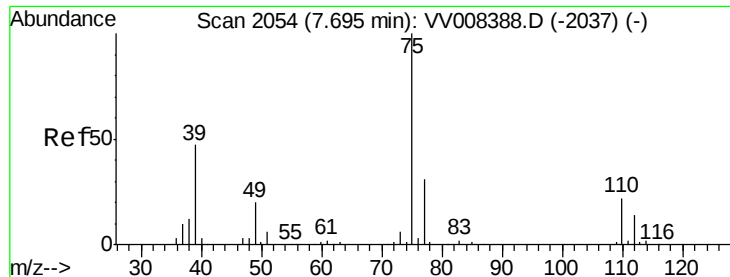
#37
1,2-Dichloropropane
Concen: 5.700 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.11 min
Lab File: VV008389.D
Acq: 24 Oct 2018 13:23

Tgt Ion: 63 Resp: 10282
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#44

trans-1,3-Dichloropropene

Concen: 0.872 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008389.D

Acq: 24 Oct 2018 13:23

Instrument :

MSVOA_V

ClientSampled :

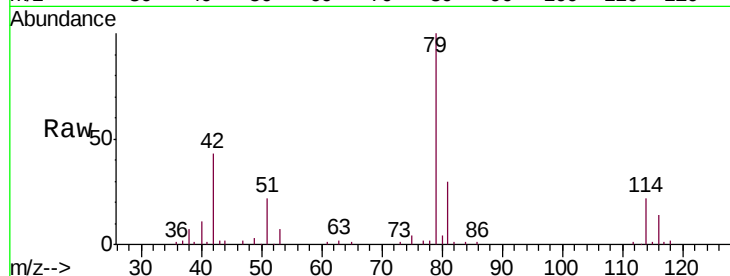
VBLK73

Tgt Ion: 75 Resp: 2314

Ion Ratio Lower Upper

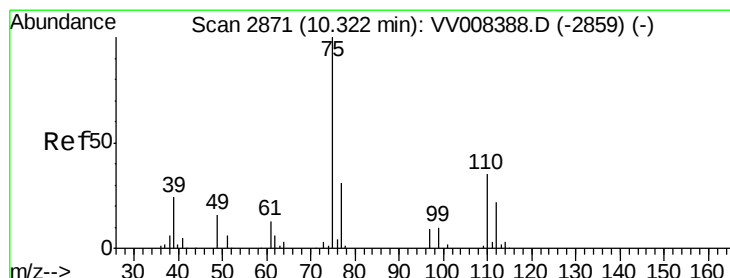
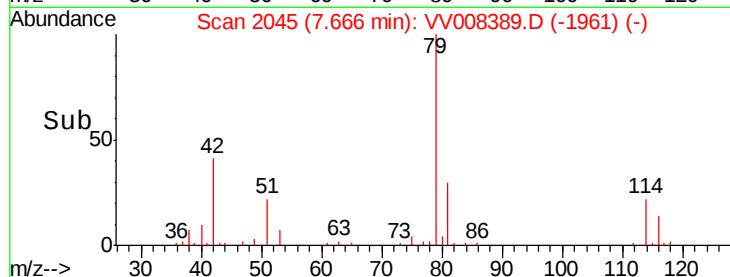
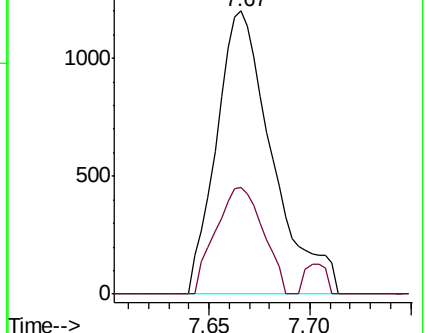
75 100

77 37.8 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VV008388.D (-2037) (-)

Ion 77.00 (76.70 to 77.70): VV008389.D (-1961) (-)



#59

1,2,3-Trichloropropane

Concen: 4.910 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008389.D

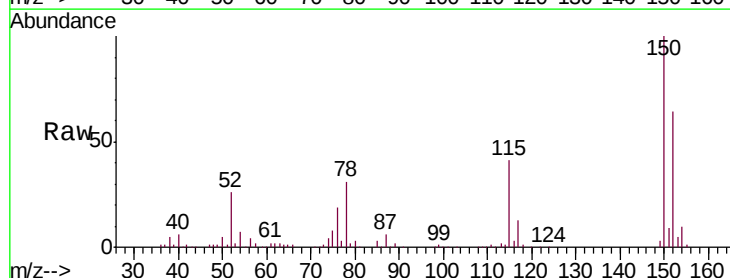
Acq: 24 Oct 2018 13:23

Tgt Ion: 75 Resp: 11101

Ion Ratio Lower Upper

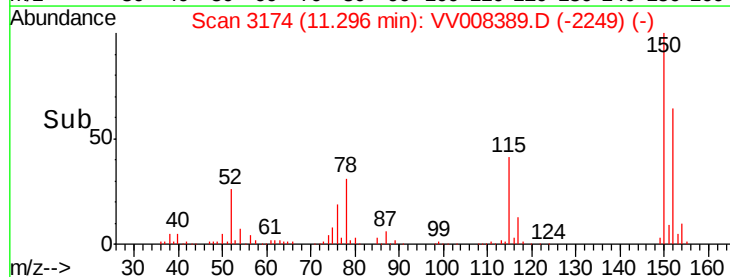
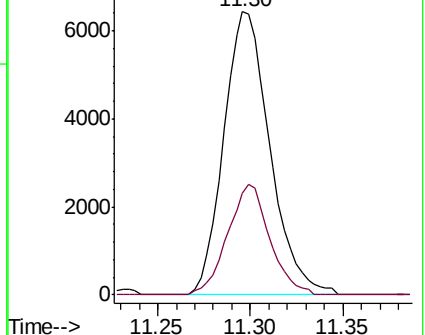
75 100

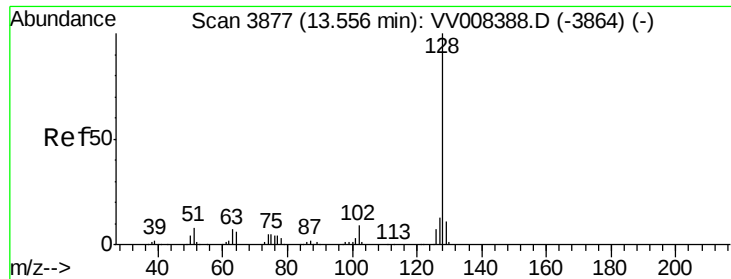
77 35.5 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV008388.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV008389.D (-2249) (-)





#69

Naphthalene

Concen: 0.543 ug/L

RT: 13.56 min Scan# 3878

Delta R.T. 0.00 min

Lab File: VV008389.D

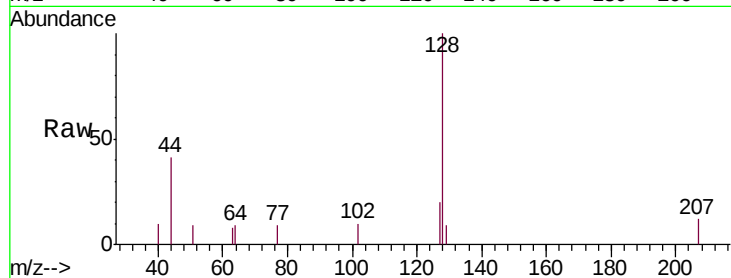
Acq: 24 Oct 2018 13:23

Instrument :

MSVOA_V

ClientSampleId :

VBLK73



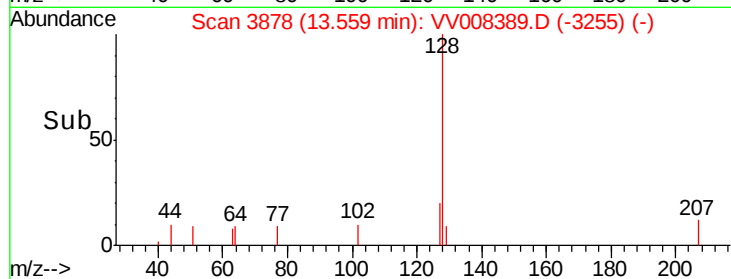
Tgt Ion:128 Resp: 2522

Ion Ratio Lower Upper

128 100

127 9.4 10.6 15.8#

129 0.0 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

