

Data File : VV008601.D
Acq On : 16 Nov 2018 23:48
Operator : SY/MD
Sample : VV1116WBL02
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK66

Quant Time: Nov 17 05:45:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 05:41:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	159980	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	144518	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64824	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33372	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.58	69	27459	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.13	63	49819	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.98	46	127858	50.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.56%
24) Chloroform-d	4.41	84	89282	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.09	65	48227	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.10	84	185653	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.12	67	59907	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	169860	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.67	79	19912	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.14	63	101552	48.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39211	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	58109	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

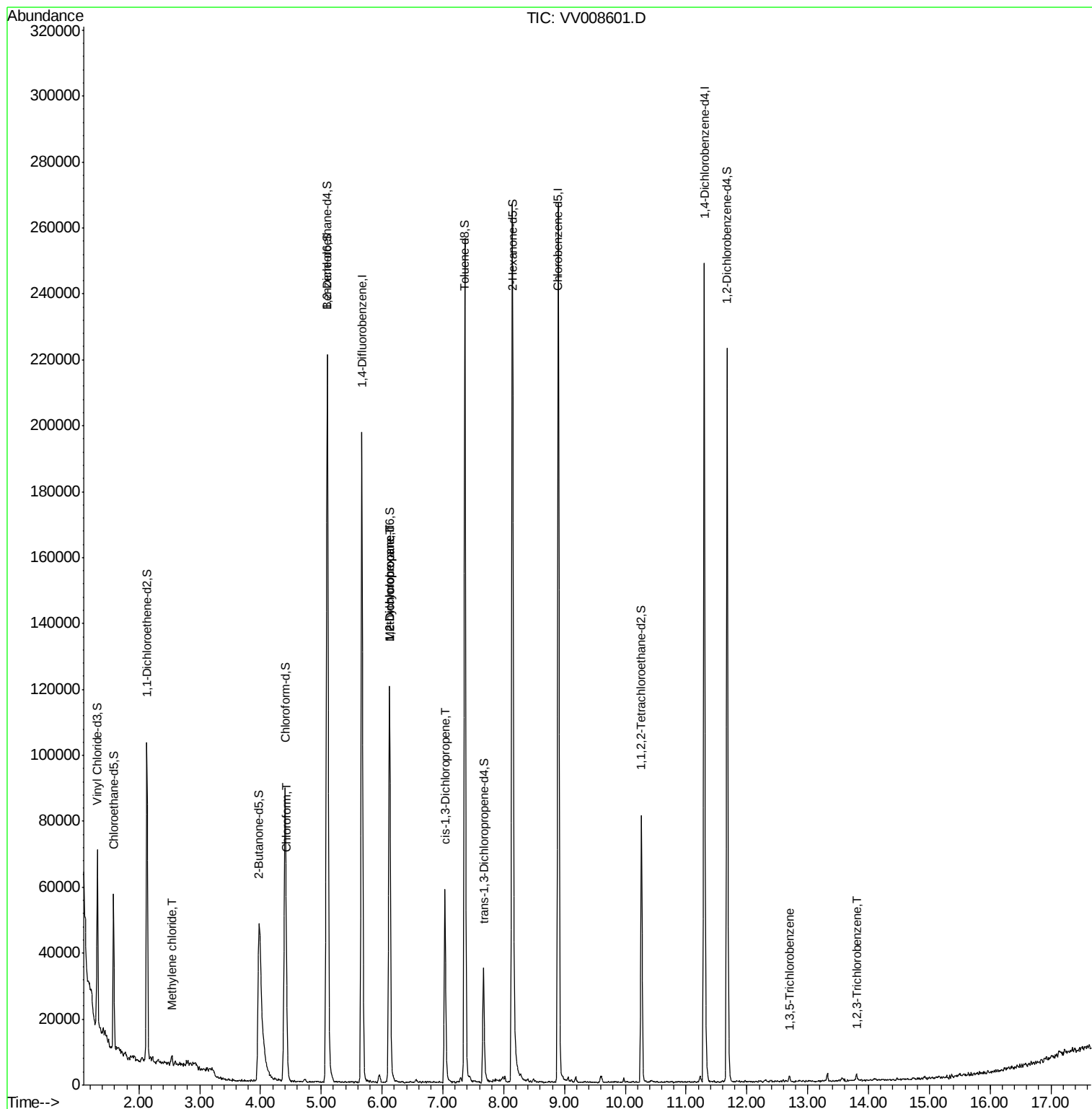
					Qvalue
16) Methylene chloride	2.54	84	1254	0.139 ug/L	90
25) Chloroform	4.43	83	4822	0.187 ug/L	89
35) Methylcyclohexane	6.12	83	13855	0.676 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	6193	0.514 ug/L #	89
39) cis-1,3-Dichloropropene	7.04	75	1577	0.097 ug/L #	70
67) 1,3,5-Trichlorobenzene	12.70	180	864	0.056 ug/L #	79
70) 1,2,3-Trichlorobenzene	13.81	180	704	0.062 ug/L #	79

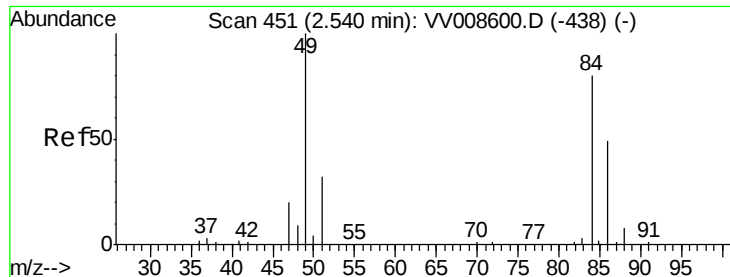
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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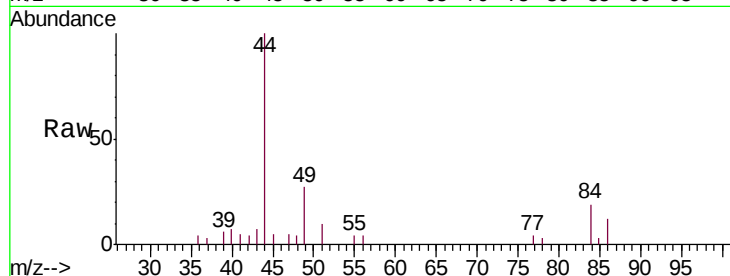




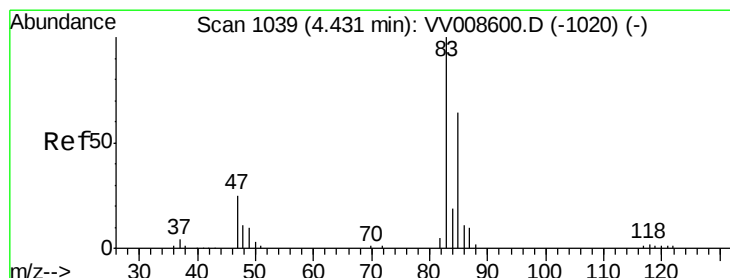
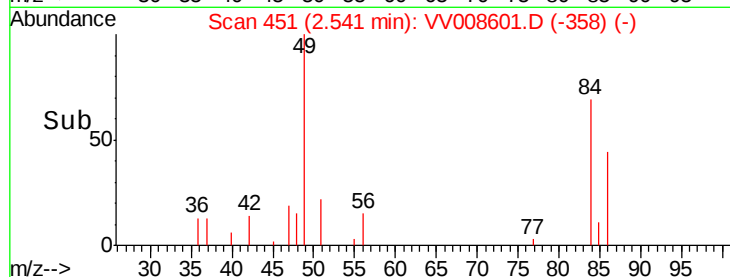
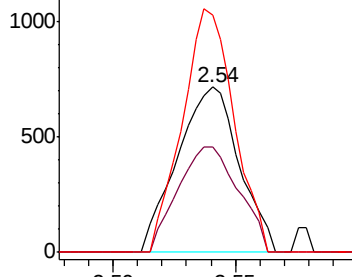
#16
Methylene chloride
Concen: 0.139 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV008601.D
Acq: 16 Nov 2018 23:48

Instrument :
MSVOA_V
ClientSampleId :
VBLK66

Tgt Ion: 84 Resp: 1254
Ion Ratio Lower Upper
84 100
86 64.0 44.8 83.2
49 143.9 88.1 163.7

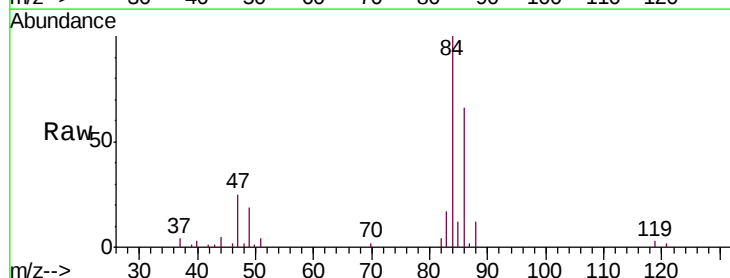


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

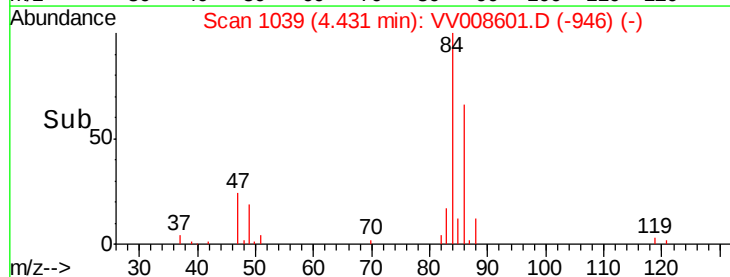
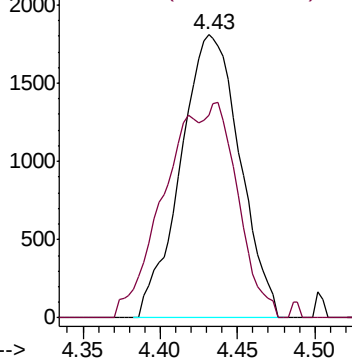


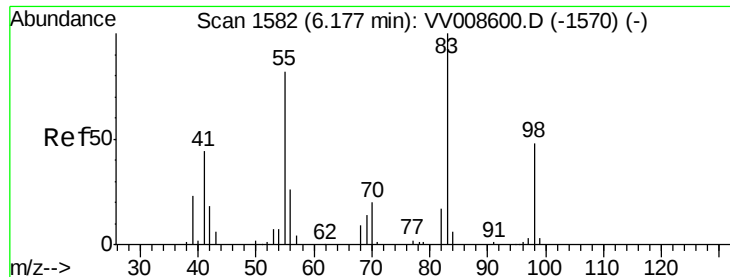
#25
Chloroform
Concen: 0.187 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV008601.D
Acq: 16 Nov 2018 23:48

Tgt Ion: 83 Resp: 4822
Ion Ratio Lower Upper
83 100
85 71.8 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

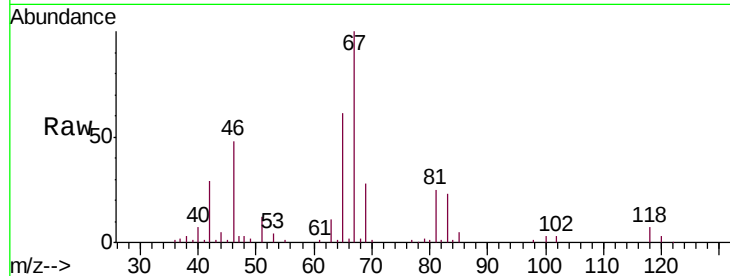




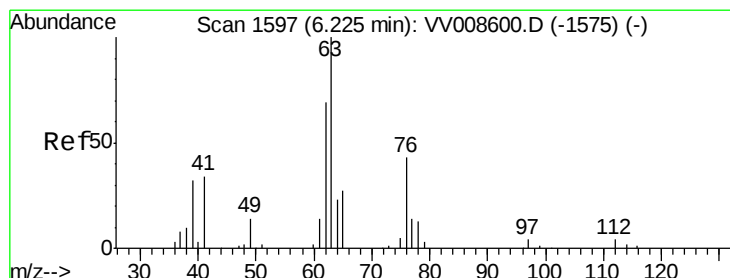
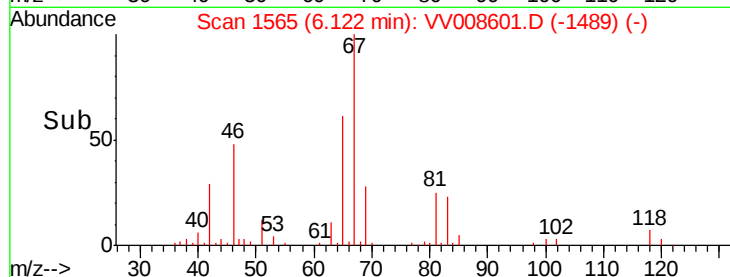
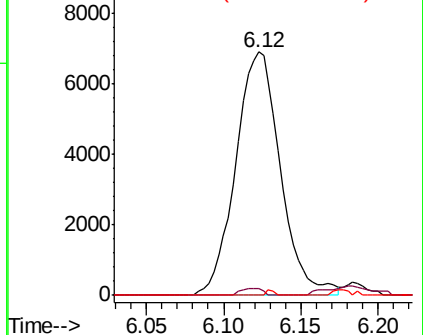
#35
Methylcyclohexane
Concen: 0.676 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008601.D
Acq: 16 Nov 2018 23:48

Instrument :
MSVOA_V
ClientSampleId :
VBLK66

Tgt Ion: 83 Resp: 13855
Ion Ratio Lower Upper
83 100
55 1.3 65.6 98.4#
98 0.4 36.4 54.6#

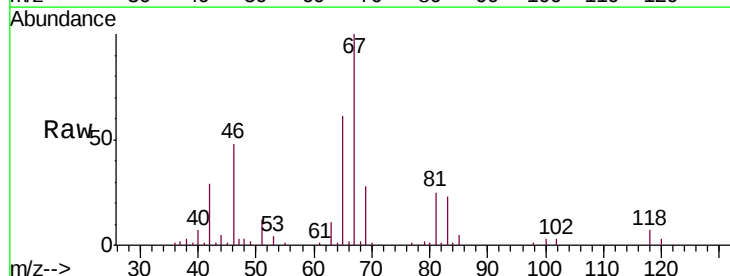


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

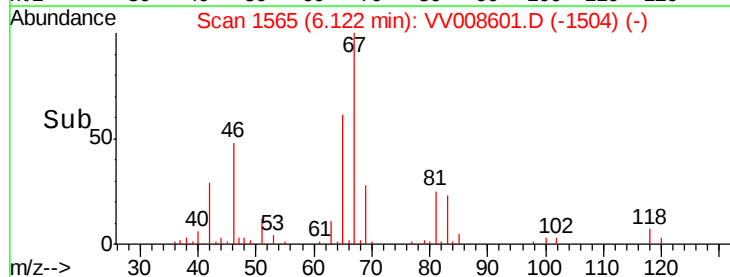
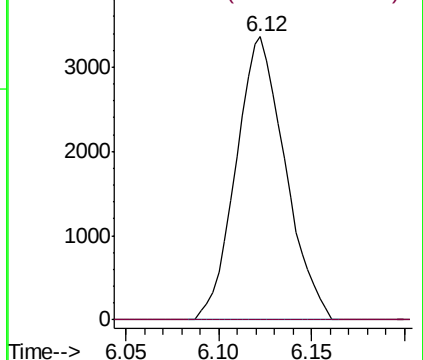


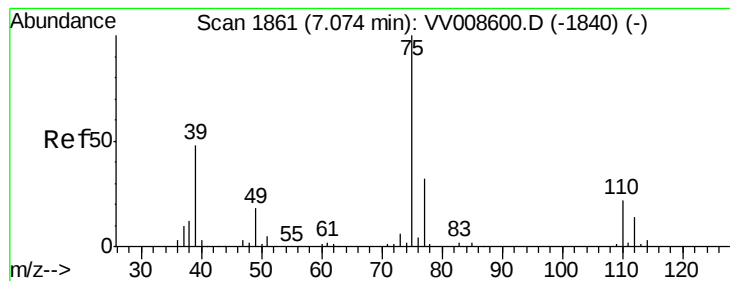
#37
1,2-Dichloropropane
Concen: 0.514 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008601.D
Acq: 16 Nov 2018 23:48

Tgt Ion: 63 Resp: 6193
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



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: 0.097 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008601.D

Acq: 16 Nov 2018 23:48

Instrument :

MSVOA_V

ClientSampled :

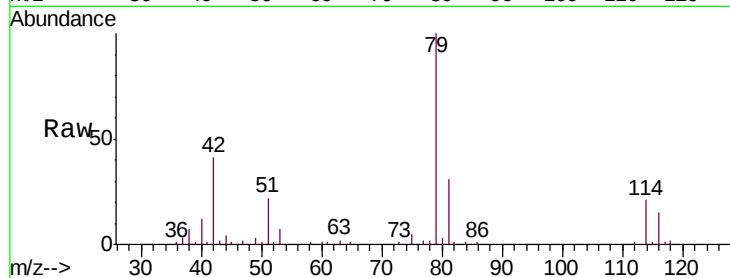
VBLK66

Tgt Ion: 75 Resp: 1577

Ion Ratio Lower Upper

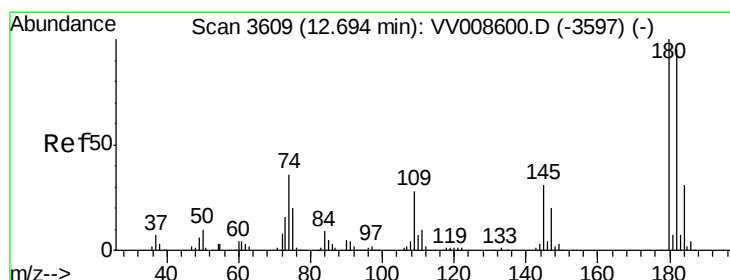
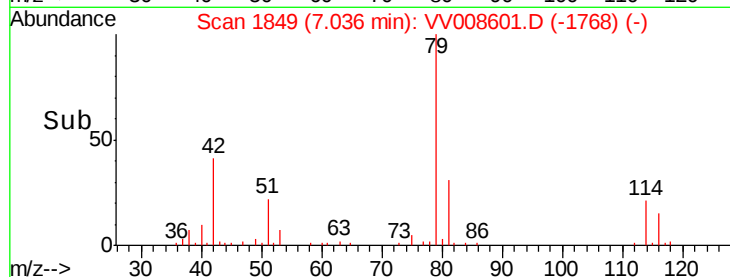
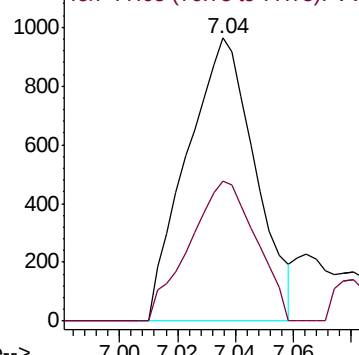
75 100

77 49.6 23.0 42.8#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#67

1,3,5-Trichlorobenzene

Concen: 0.056 ug/L

RT: 12.70 min Scan# 3612

Delta R.T. 0.01 min

Lab File: VV008601.D

Acq: 16 Nov 2018 23:48

Tgt Ion: 180 Resp: 864

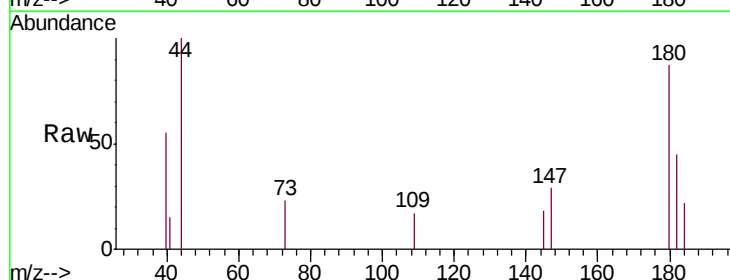
Ion Ratio Lower Upper

180 100

182 78.0 75.9 113.9

184 13.0 23.9 35.9#

145 20.0 26.8 40.2#

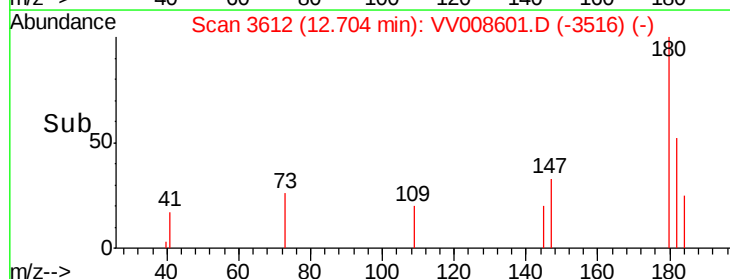
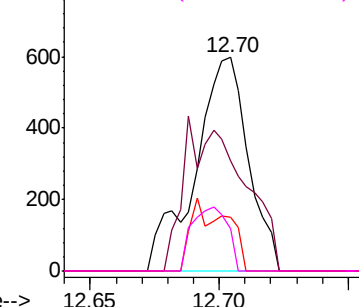


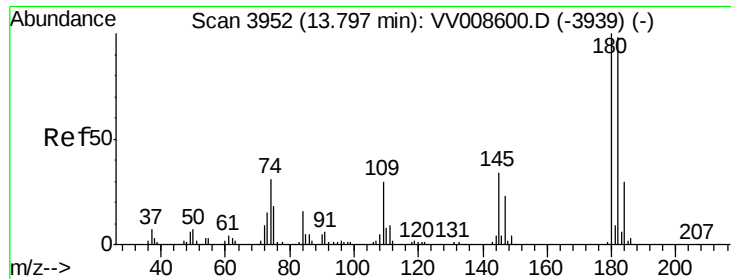
Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 0.062 ug/L
 RT: 13.81 min Scan# 3955
 Delta R.T. 0.01 min
 Lab File: VV008601.D
 Acq: 16 Nov 2018 23:48

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK66

Tgt Ion:180 Resp: 704
 Ion Ratio Lower Upper
 180 100
 182 113.5 76.0 114.0
 145 49.9 28.2 42.2#

