

Data File : VV008824.D
Acq On : 03 Dec 2018 11:04
Operator : SY/MD
Sample : VV1203WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK78

Quant Time: Dec 04 08:01:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 04 07:59:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	148225	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	137359	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64413	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40842	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.59	69	32968	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.13	63	59920	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	3.98	46	120362	52.40	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.80%
24) Chloroform-d	4.40	84	95361	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.09	65	47598	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.10	84	194656	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.12	67	58221	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.36	98	167397	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.67	79	21530	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	8.14	63	90224	51.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.60%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38459	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	65439	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

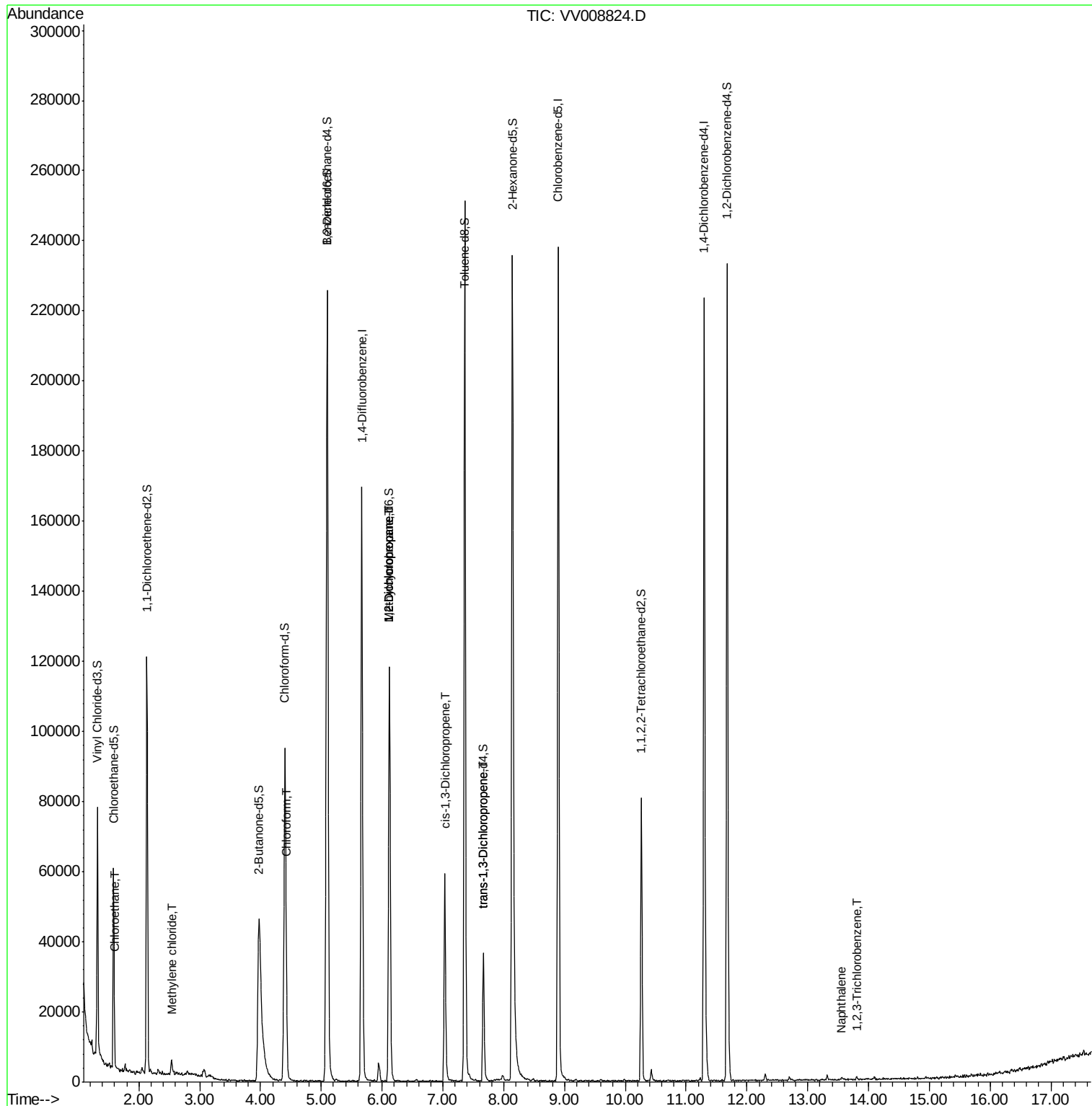
					Qvalue
8) Chloroethane	1.60	64	720	0.129 ug/L #	43
16) Methylene chloride	2.54	84	1711	0.208 ug/L	89
25) Chloroform	4.43	83	2472	0.128 ug/L	92
35) Methylcyclohexane	6.12	83	14329	0.789 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	6325	0.618 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1480	0.110 ug/L #	71
44) trans-1,3-Dichloropropene	7.67	75	959	0.090 ug/L #	43
69) Naphthalene	13.56	128	1101	0.066 ug/L #	70
70) 1,2,3-Trichlorobenzene	13.81	180	538	0.050 ug/L #	71

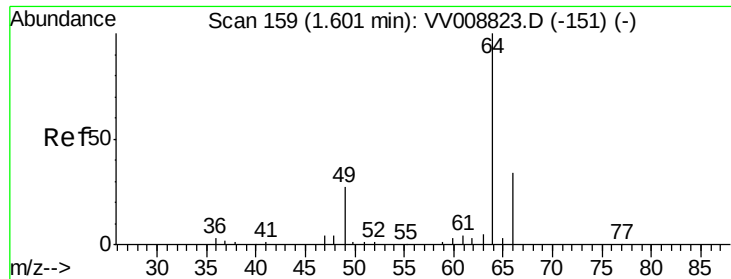
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV008824.D
Acq On : 03 Dec 2018 11:04
Operator : SY/MD
Sample : VV1203WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK78

Quant Time: Dec 04 08:01:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 04 07:59:18 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.129 ug/L

RT: 1.60 min Scan# 160

Delta R.T. 0.00 min

Lab File: VV008824.D

Acq: 03 Dec 2018 11:04

Instrument :

MSVOA_V

ClientSampled :

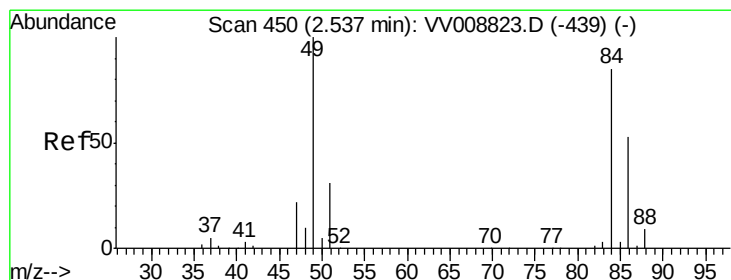
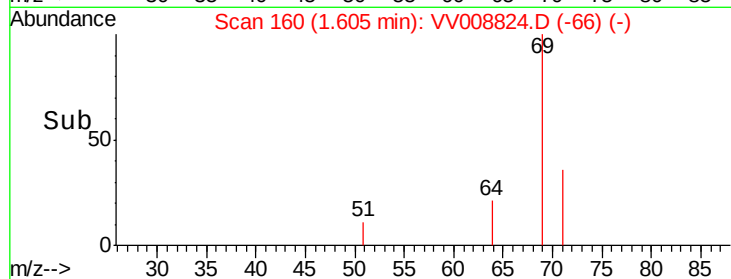
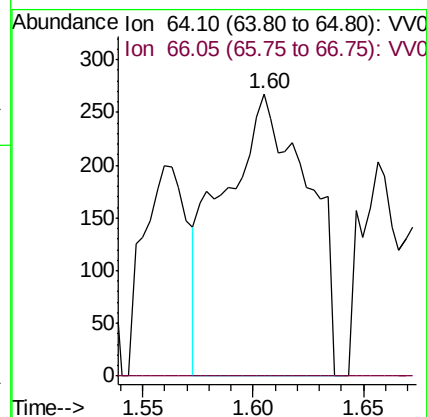
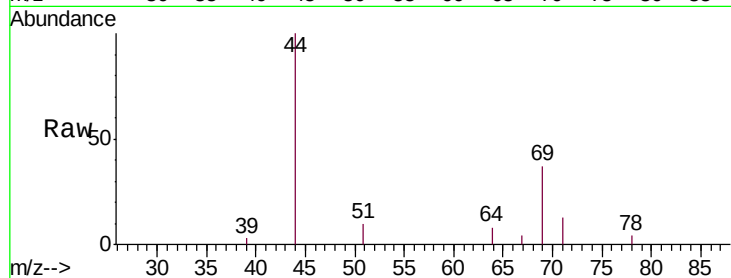
VBLK78

Tgt Ion: 64 Resp: 720

Ion Ratio Lower Upper

64 100

66 0.0 21.8 40.6#



#16

Methylene chloride

Concen: 0.208 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV008824.D

Acq: 03 Dec 2018 11:04

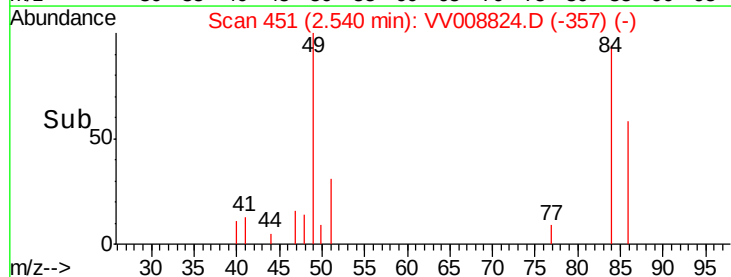
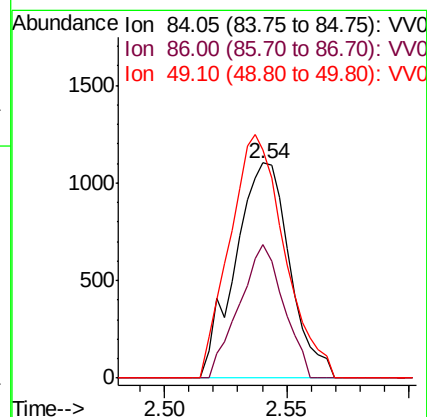
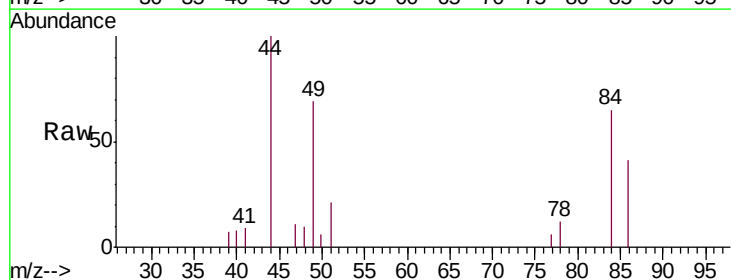
Tgt Ion: 84 Resp: 1711

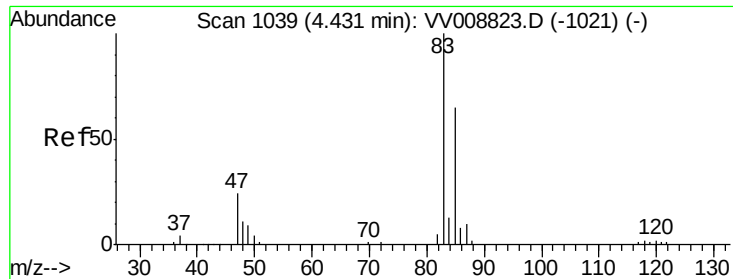
Ion Ratio Lower Upper

84 100

86 61.9 45.8 85.2

49 106.1 85.9 159.5

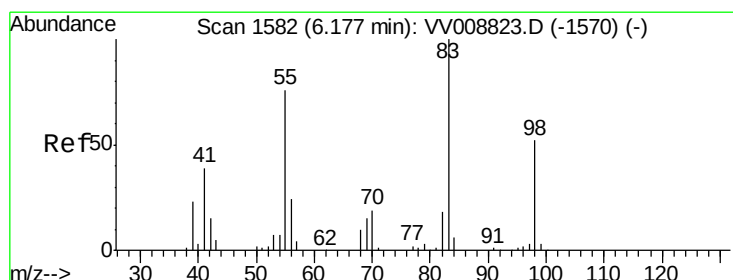
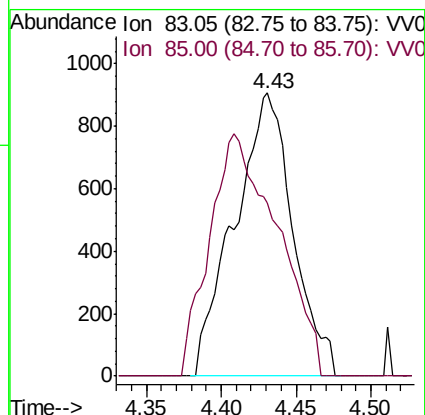
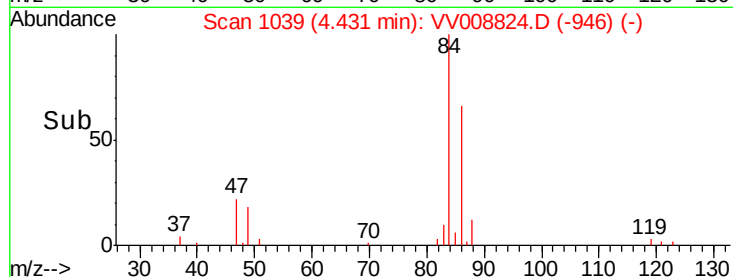
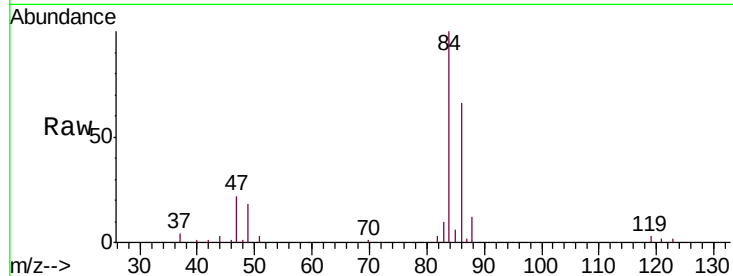




#25
Chloroform
Concen: 0.128 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV008824.D
Acq: 03 Dec 2018 11:04

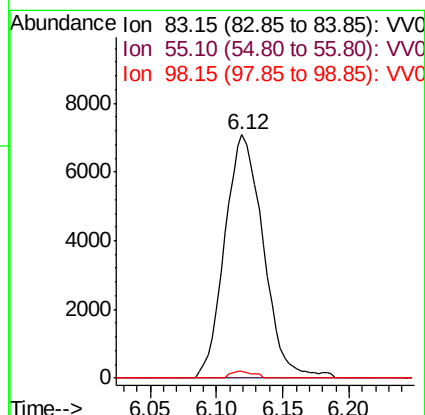
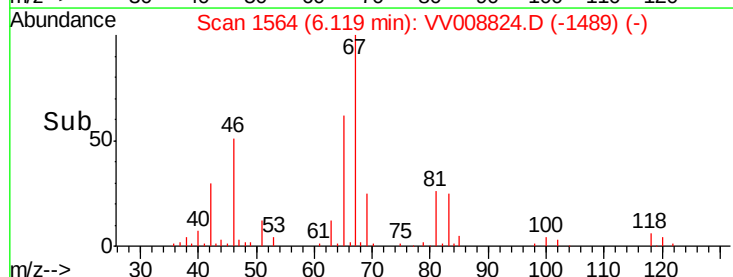
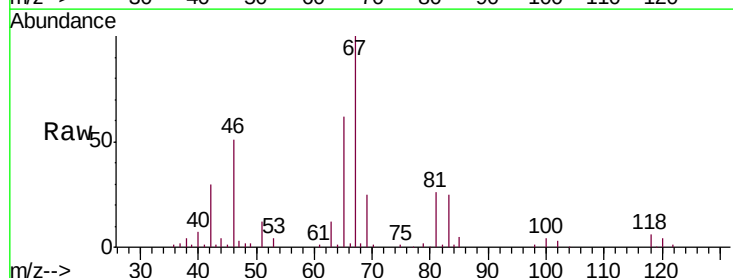
Instrument :
MSVOA_V
ClientSampled :
VBLK78

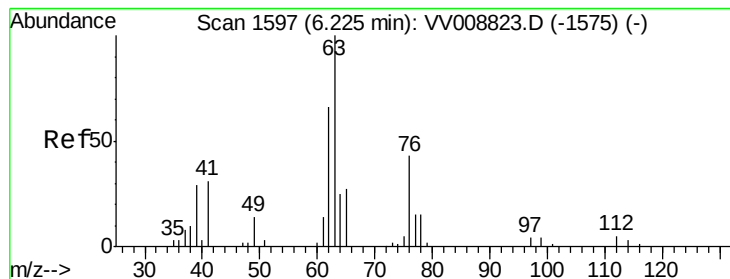
Tgt Ion: 83 Resp: 2472
Ion Ratio Lower Upper
83 100
85 61.0 47.0 87.4



#35
Methylcyclohexane
Concen: 0.789 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008824.D
Acq: 03 Dec 2018 11:04

Tgt Ion: 83 Resp: 14329
Ion Ratio Lower Upper
83 100
55 0.0 60.1 90.1#
98 1.6 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.618 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.11 min

Lab File: VV008824.D

Acq: 03 Dec 2018 11:04

Instrument :

MSVOA_V

ClientSampled :

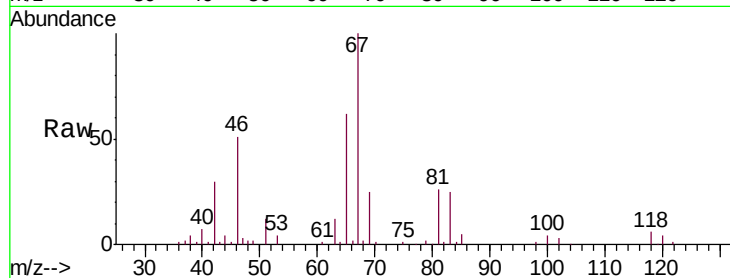
VBLK78

Tgt Ion: 63 Resp: 6325

Ion Ratio Lower Upper

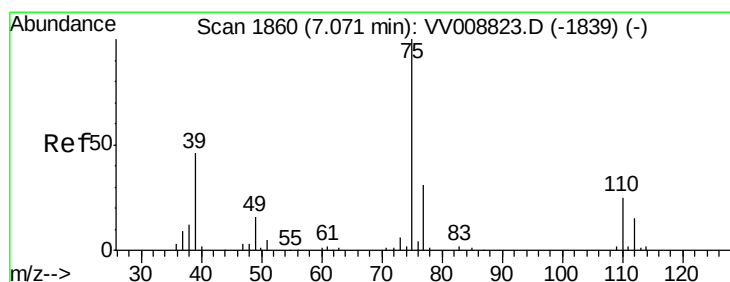
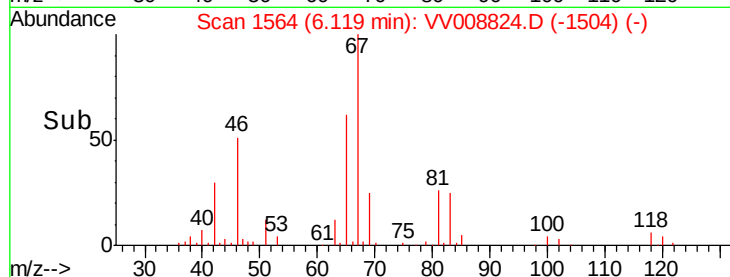
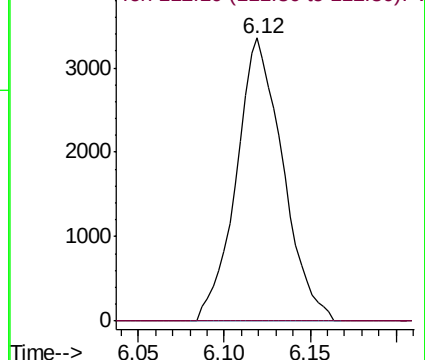
63 100

112 0.0 3.5 5.3#



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: 0.110 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV008824.D

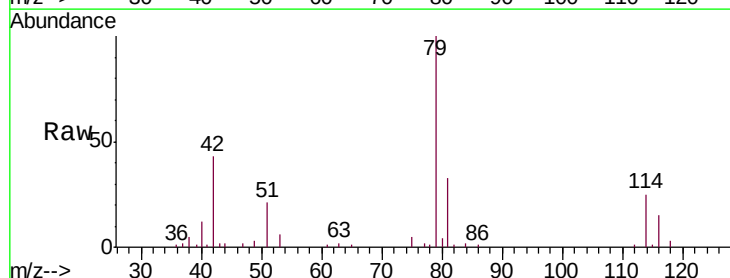
Acq: 03 Dec 2018 11:04

Tgt Ion: 75 Resp: 1480

Ion Ratio Lower Upper

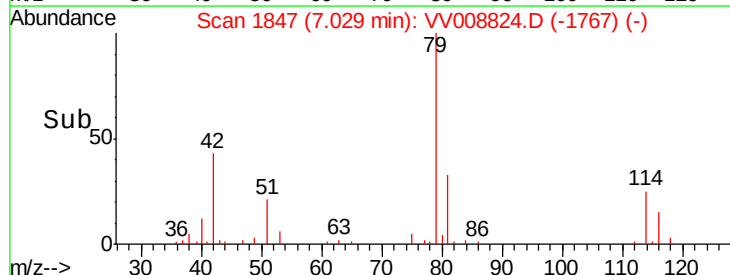
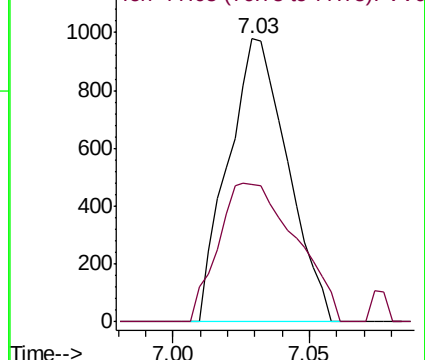
75 100

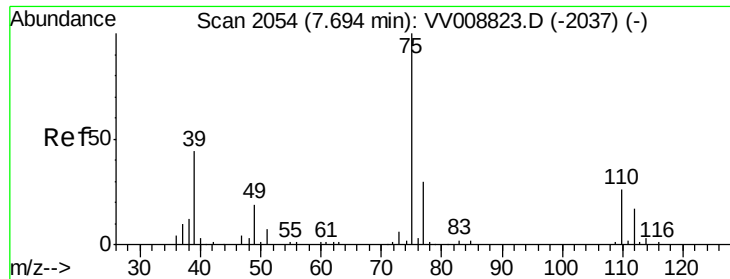
77 48.8 22.8 42.4#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008824.D

Acq: 03 Dec 2018 11:04

Instrument :

MSVOA_V

ClientSampleId :

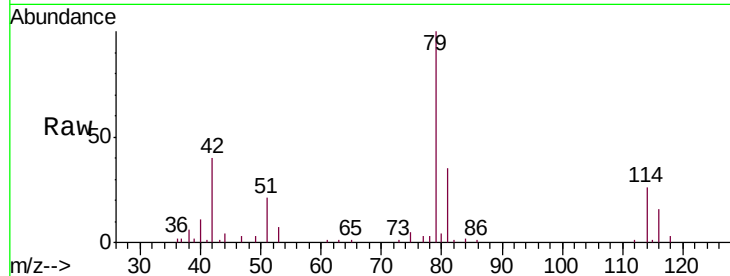
VBLK78

Tgt Ion: 75 Resp: 959

Ion Ratio Lower Upper

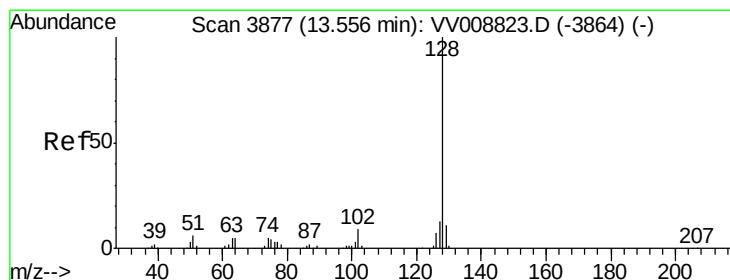
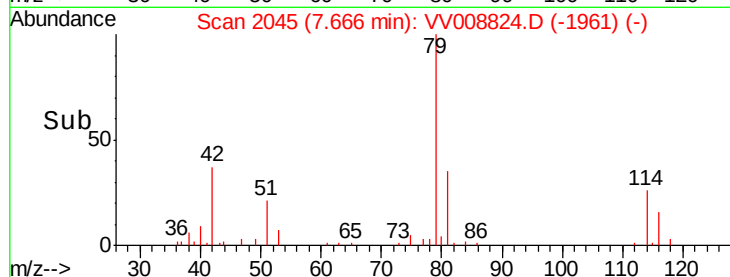
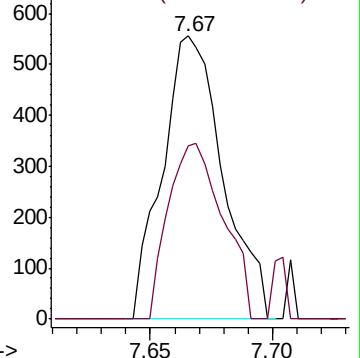
75 100

77 61.3 21.3 39.5#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#69

Naphthalene

Concen: 0.066 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.00 min

Lab File: VV008824.D

Acq: 03 Dec 2018 11:04

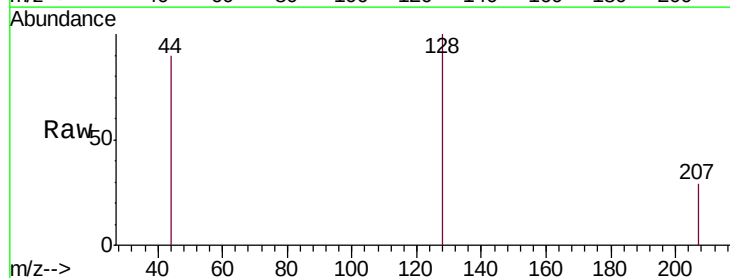
Tgt Ion: 128 Resp: 1101

Ion Ratio Lower Upper

128 100

129 0.0 8.6 12.8#

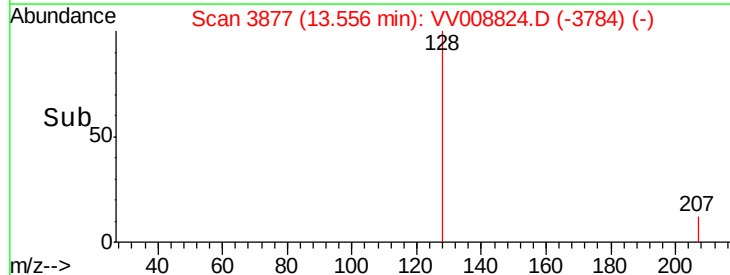
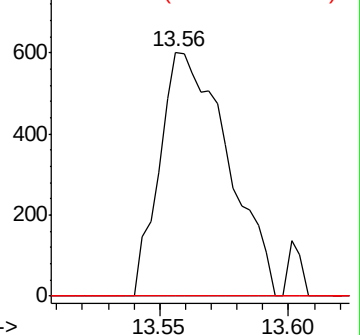
127 0.0 10.1 15.1#

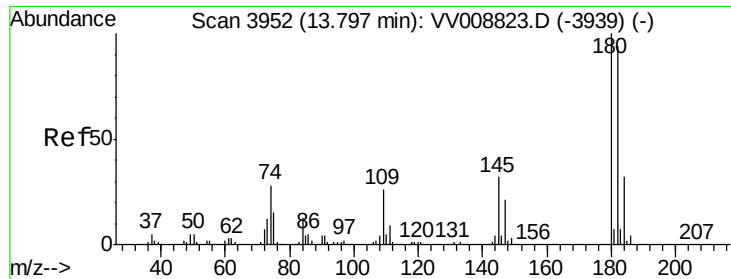


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 0.050 ug/L
 RT: 13.81 min Scan# 3955
 Delta R.T. 0.01 min
 Lab File: VV008824.D
 Acq: 03 Dec 2018 11:04

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK78

Tgt Ion:180 Resp: 538
 Ion Ratio Lower Upper
 180 100
 182 73.8 76.2 114.4#
 145 7.4 27.6 41.4#

