

Data File : VV011851.D
Acq On : 10 Jul 2019 12:00
Operator : SY/MD
Sample : MDL03
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Quant Time: Jul 11 05:05:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070819SIM.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 11 05:02:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	8318	0.50	ug/L	0.00
5) Chlorobenzene-d5	8.89	117	7702	0.50	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.30	152	3529	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.32	65	4130	0.46	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	92.00%
4) 1,2-Dichloroethane-d4	5.07	65	3433	0.50	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	100.00%
7) 1,2-Dichloropropane-d6	6.12	67	3744	0.50	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	100.00%
8) Toluene-d8	7.35	98	9086	0.47	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.00%
10) 1,1,2,2-Tetrachloroethane-	10.25	84	2118	0.45	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	90.00%

Target Compounds

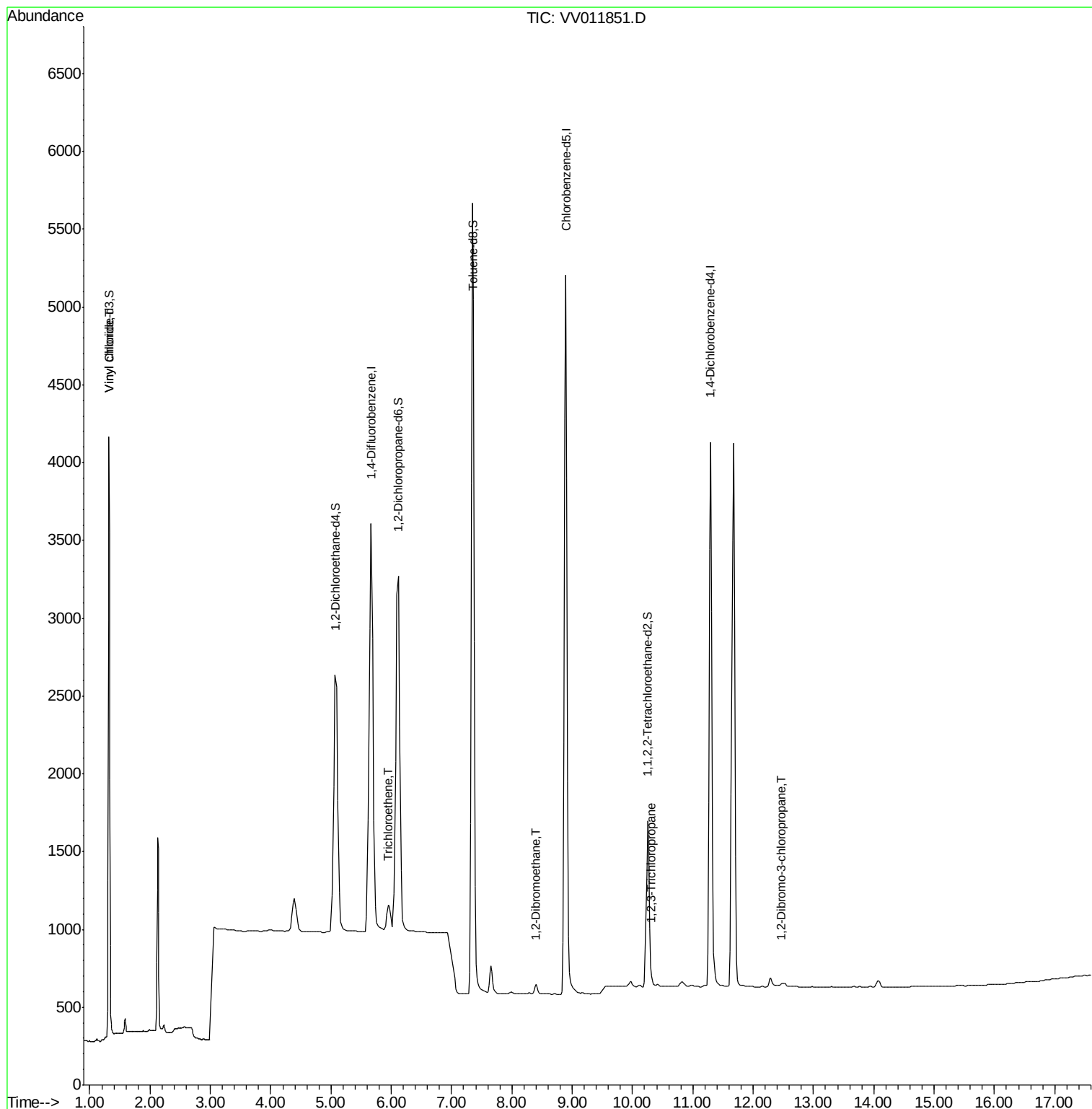
						Qvalue
3) Vinyl chloride	1.32	62	296	0.034	ug/L #	24
6) Trichloroethene	5.95	95	222	0.031	ug/L	90
9) 1,2-Dibromoethane	8.40	107	98	0.026	ug/L #	85
12) 1,2,3-Trichloropropane	10.30	75	117	0.030	ug/L	95
13) 1,2-Dibromo-3-chloropropan	12.46	75	31	0.044	ug/L #	86

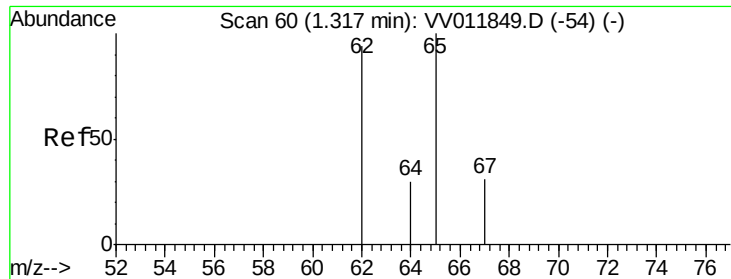
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.034 ug/L

RT: 1.32 min Scan# 60

Delta R.T. -0.00 min

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Acq: 10 Jul 2019 12:00

Instrument :

MSVOA_V

ClientSampled :

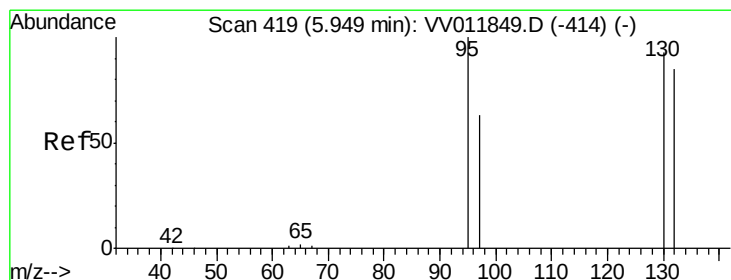
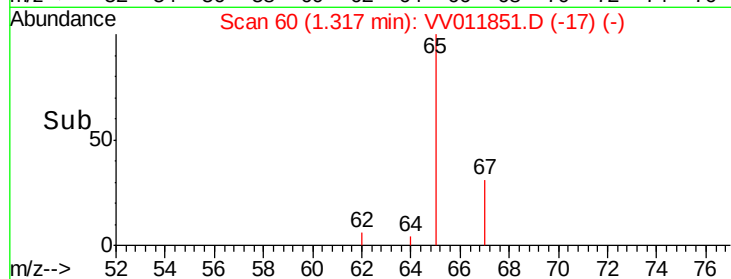
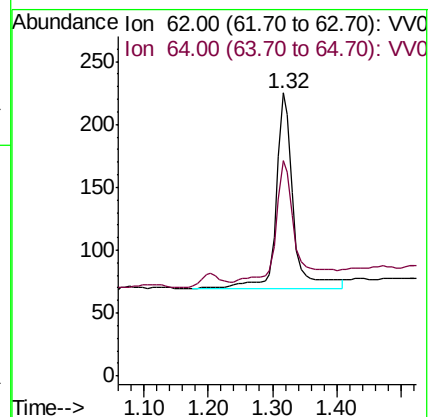
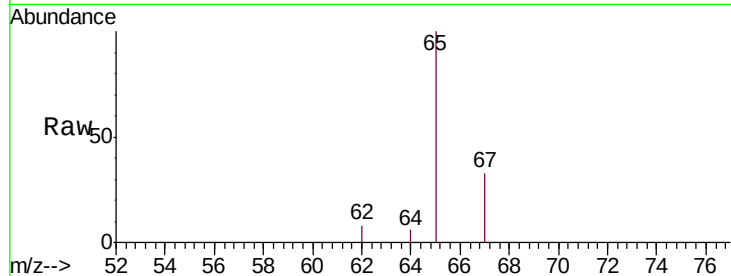
MDL03

Tgt Ion: 62 Resp: 296

Ion Ratio Lower Upper

62 100

64 76.0 23.2 43.2#



#6

Trichloroethene

Concen: 0.031 ug/L

RT: 5.95 min Scan# 419

Delta R.T. -0.00 min

Lab File: VV011851.D

Acq: 10 Jul 2019 12:00

Tgt Ion: 95 Resp: 222

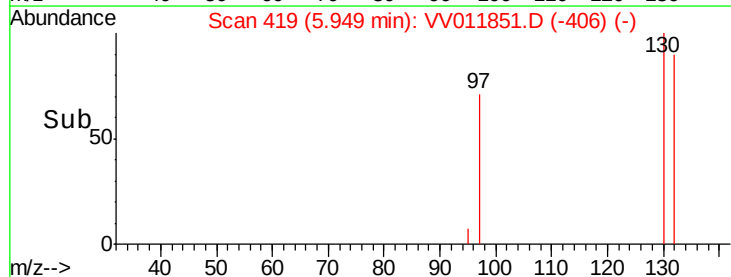
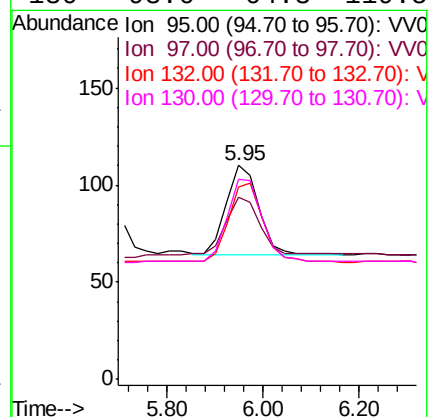
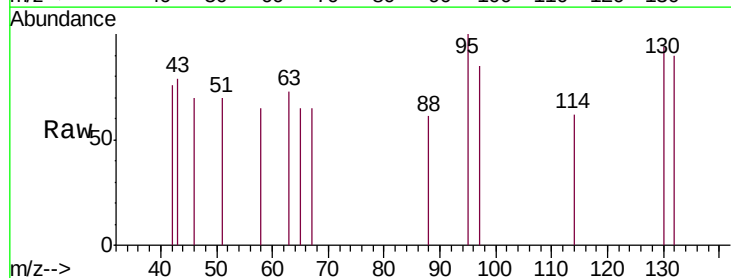
Ion Ratio Lower Upper

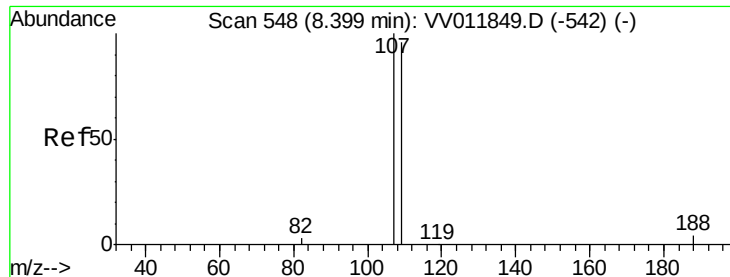
95 100

97 85.5 46.2 85.8

132 90.0 59.0 109.6

130 93.6 64.3 119.5





#9

1,2-Dibromoethane

Concen: 0.026 ug/L

RT: 8.40 min Scan# 548

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampled :

MDL03

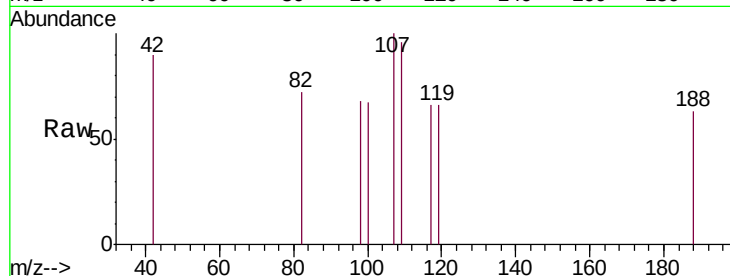
Tgt Ion: 107 Resp: 98

Ion Ratio Lower Upper

107 100

109 95.7 67.7 125.7

188 62.8 9.8 14.8#



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V

8.40

100

80

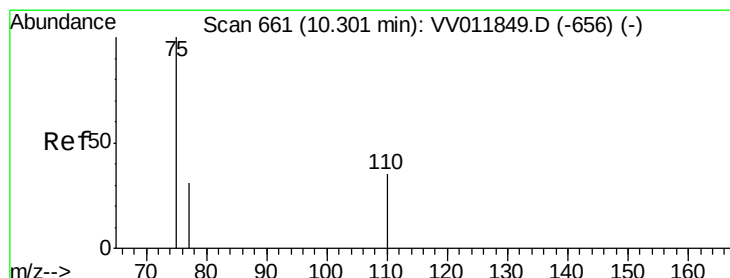
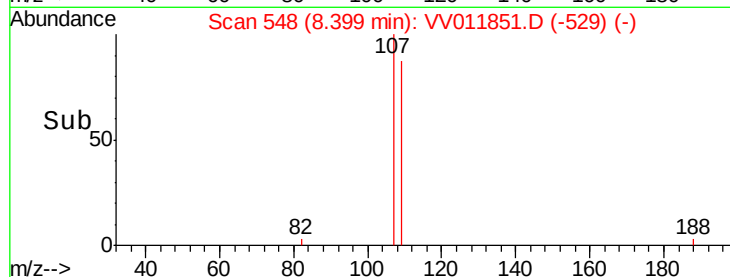
60

40

20

0

Time-->



#12

1,2,3-Trichloropropane

Concen: 0.030 ug/L

RT: 10.30 min Scan# 661

Delta R.T. -0.00 min

Lab File: VV011851.D

Acq: 10 Jul 2019 12:00

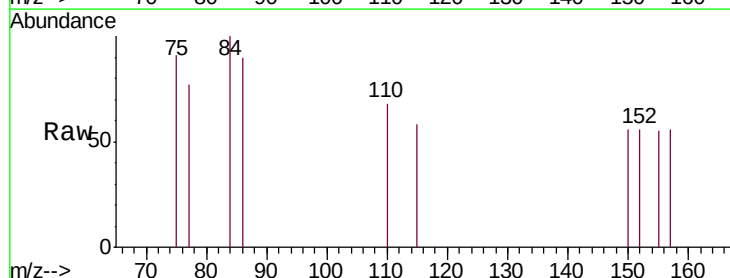
Tgt Ion: 75 Resp: 117

Ion Ratio Lower Upper

75 100

110 39.3 32.2 48.4

77 36.8 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VV0

10.30

100

80

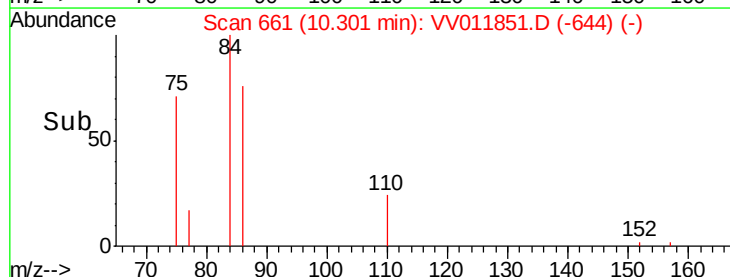
60

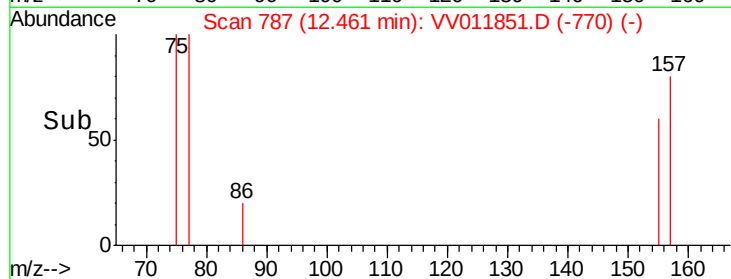
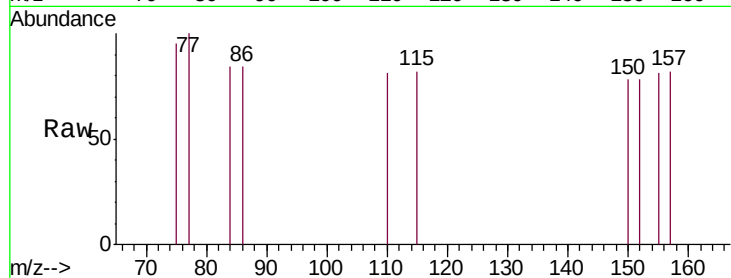
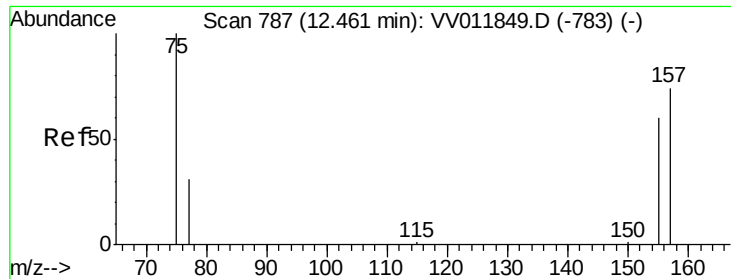
40

20

0

Time-->





#13

1,2-Dibromo-3-chloropropane

Concen: 0.044 ug/L

RT: 12.46 min Scan# 787

Delta R.T. -0.00 min

Lab File: VV011851.D

Acq: 10 Jul 2019 12:00

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion: 75 Resp: 31

Ion Ratio Lower Upper

75 100

157 86.3 62.2 93.4

155 84.9 55.6 83.4#

