

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042919\
 Data File : VV010545.D
 Acq On : 29 Apr 2019 13:05
 Operator : SY/MD
 Sample : MDL04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

Quant Time: Apr 30 01:26:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042619SIM.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 30 01:23:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	8159	0.50	ug/L	0.00
5) Chlorobenzene-d5	8.89	117	7315	0.50	ug/L	0.00
10) 1,4-Dichlorobenzene-d4	11.29	152	3336	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.32	65	2624	0.43	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	86.00%
4) 1,2-Dichloroethane-d4	5.07	65	2558	0.47	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.00%
7) Toluene-d8	7.35	98	8207	0.54	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	108.00%
9) 1,1,2,2-Tetrachloroethane-	10.25	84	1955	0.46	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	92.00%
11) 1-2-dichlorobenzene-d4	11.67	152	3188	0.48	ug/L	0.00
Spiked Amount	0.500	Range	80 - 120	Recovery	=	96.00%

Target Compounds

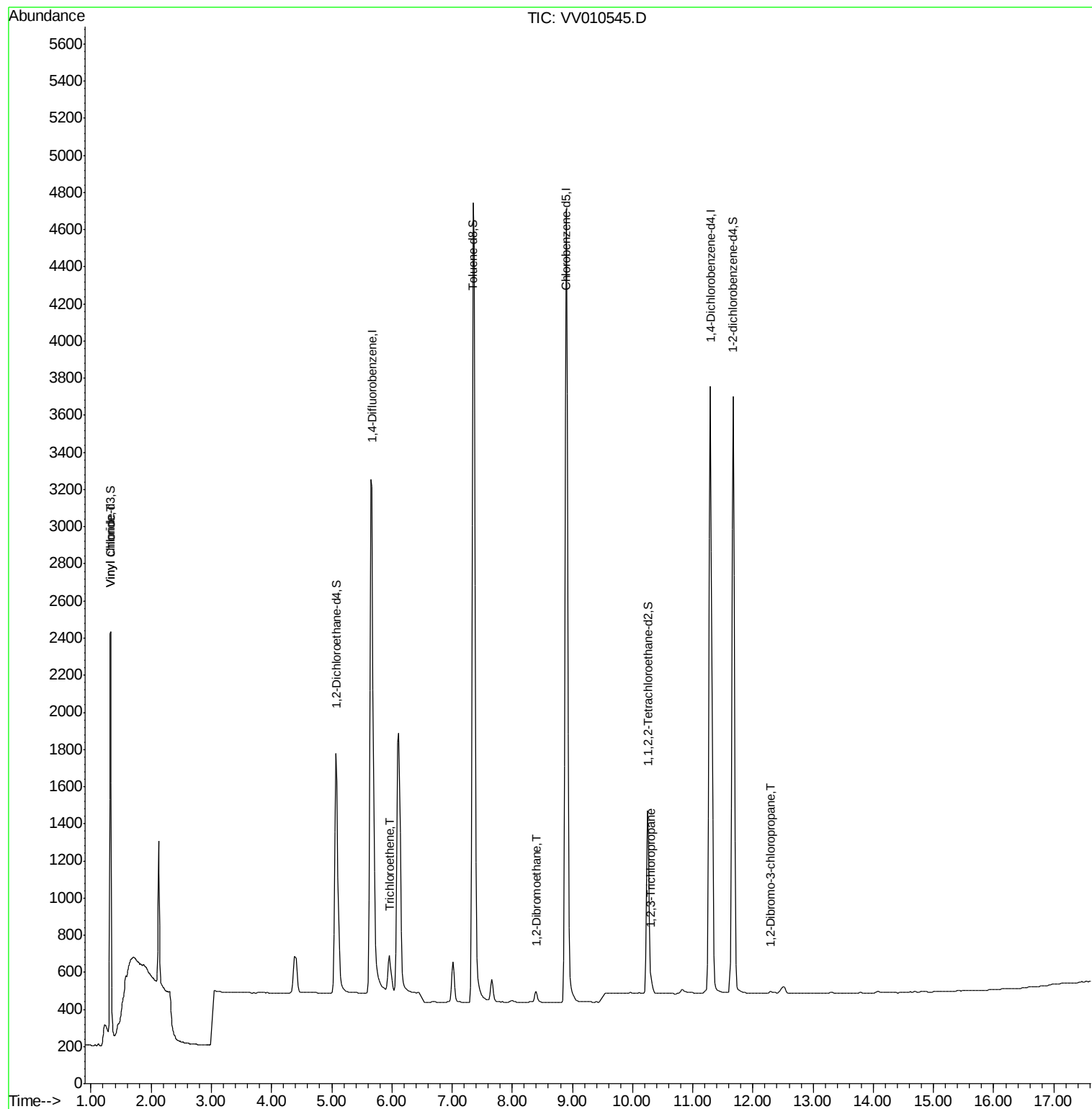
					Qvalue
3) Vinyl chloride	1.32	62	139	0.023 ug/L #	1
6) Trichloroethene	5.96	95	193	0.031 ug/L	89
8) 1,2-Dibromoethane	8.40	107	105	0.030 ug/L #	85
12) 1,2,3-Trichloropropane	10.30	75	81	0.028 ug/L #	89
13) 1,2-Dibromo-3-chloropropan	12.29	75	24	0.031 ug/L	95

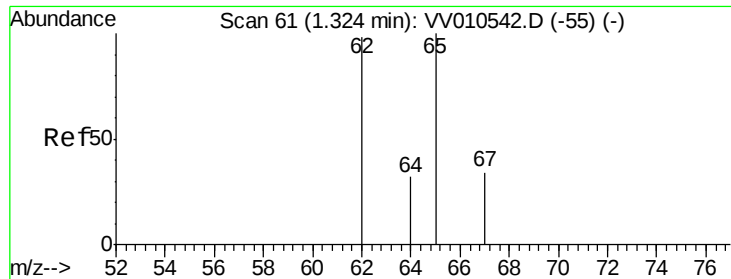
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.023 ug/L

RT: 1.32 min Scan# 61

Delta R.T. -0.00 min

Lab File: VV010545.D

Acq: 29 Apr 2019 13:05

Instrument :

MSVOA_V

ClientSampled :

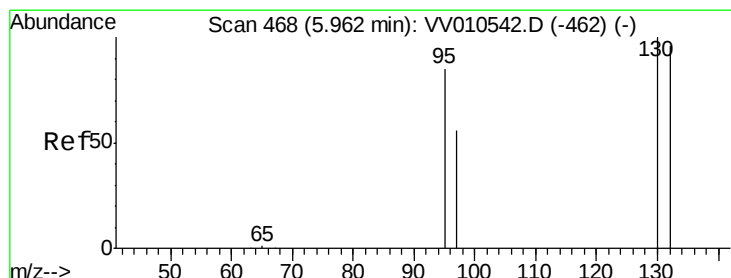
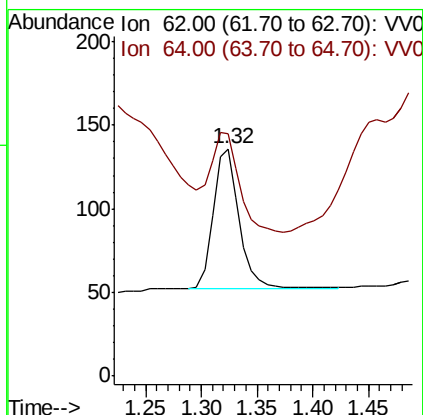
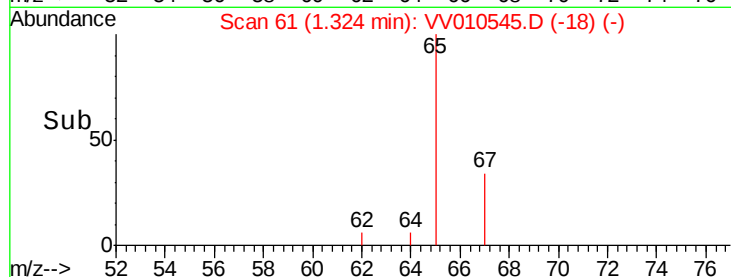
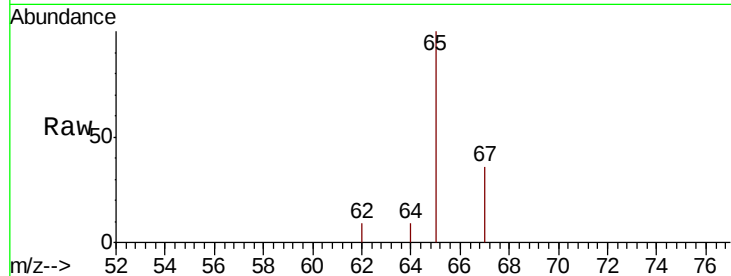
MDL04

Tgt Ion: 62 Resp: 139

Ion Ratio Lower Upper

62 100

64 106.6 28.9 53.7#



#6

Trichloroethene

Concen: 0.031 ug/L

RT: 5.96 min Scan# 468

Delta R.T. -0.00 min

Lab File: VV010545.D

Acq: 29 Apr 2019 13:05

Tgt Ion: 95 Resp: 193

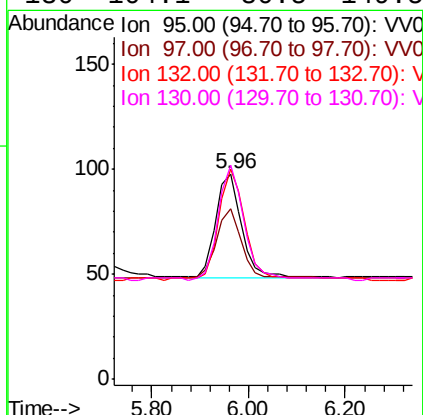
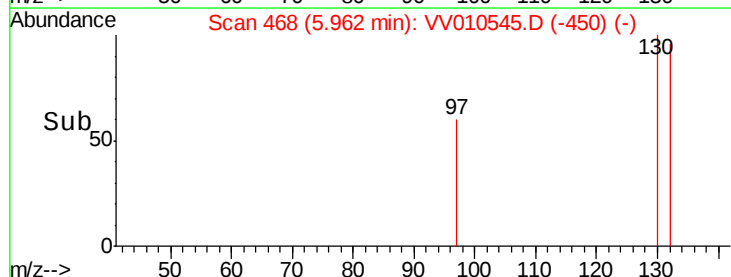
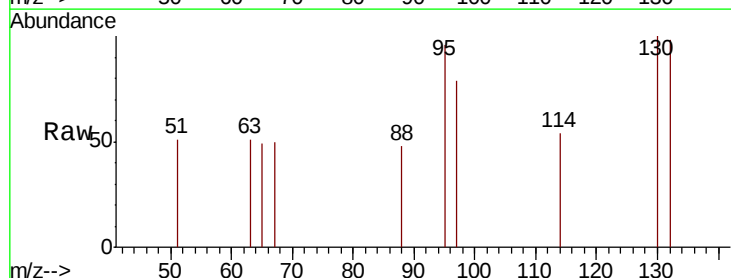
Ion Ratio Lower Upper

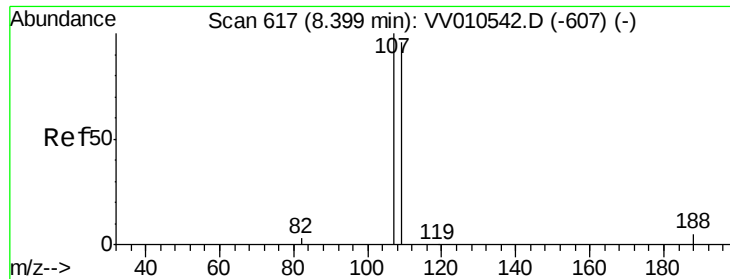
95 100

97 82.7 48.0 89.2

132 102.0 78.1 145.1

130 104.1 80.5 149.5





#8

1,2-Dibromoethane

Concen: 0.030 ug/L

RT: 8.40 min Scan# 617

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampled :

MDL04

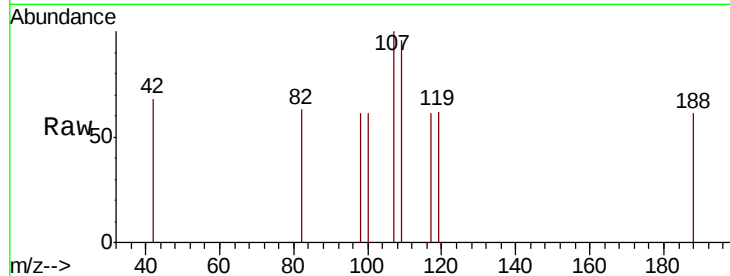
Tgt Ion: 107 Resp: 105

Ion Ratio Lower Upper

107 100

109 96.2 67.2 124.8

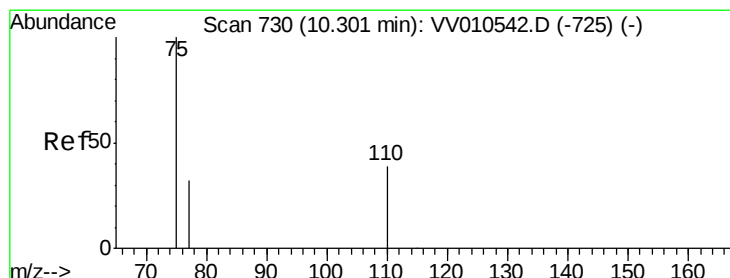
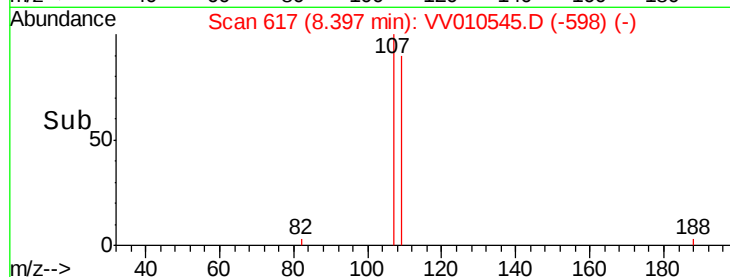
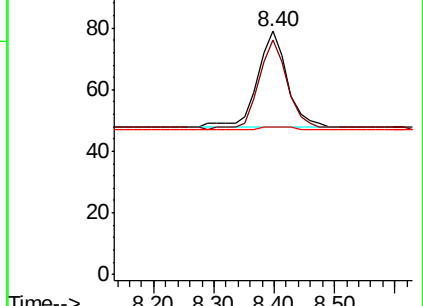
188 60.8 10.6 16.0#



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



#12

1,2,3-Trichloropropane

Concen: 0.028 ug/L

RT: 10.30 min Scan# 730

Delta R.T. -0.00 min

Lab File: VV010545.D

Acq: 29 Apr 2019 13:05

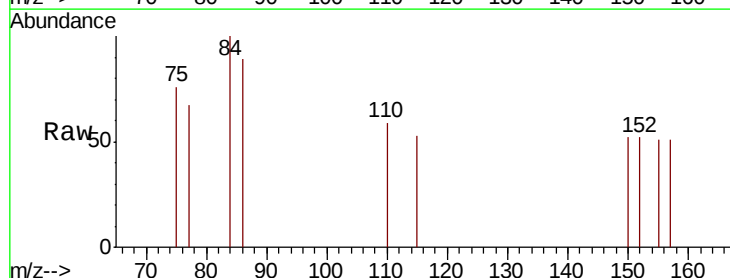
Tgt Ion: 75 Resp: 81

Ion Ratio Lower Upper

75 100

110 51.9 33.9 50.9#

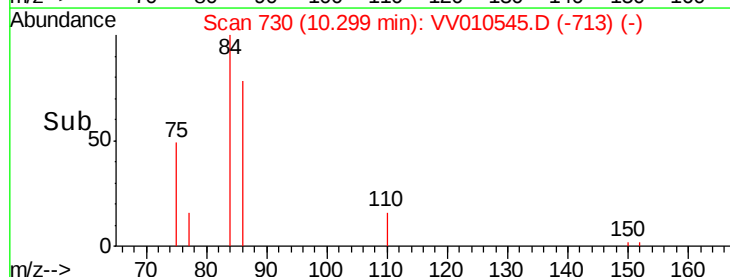
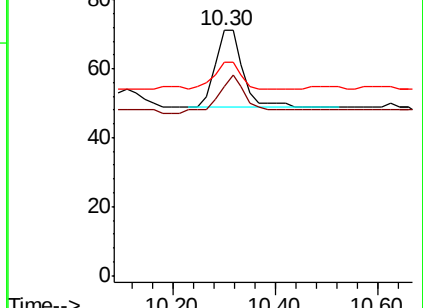
77 35.8 26.0 39.0

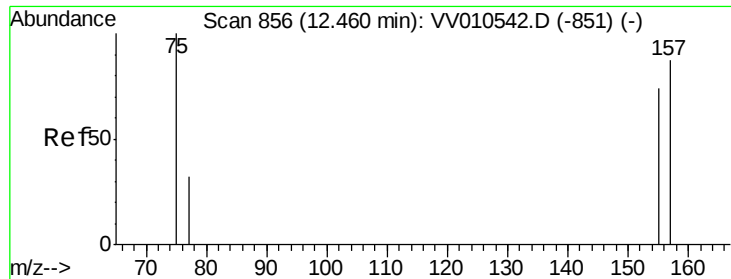


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VV0





#13

1,2-Dibromo-3-chloropropane

Concen: 0.031 ug/L

RT: 12.29 min Scan# 846

Delta R.T. -0.17 min

Lab File: VV010545.D

Acq: 29 Apr 2019 13:05

Instrument :

MSVOA_V

ClientSampleId :

MDL04

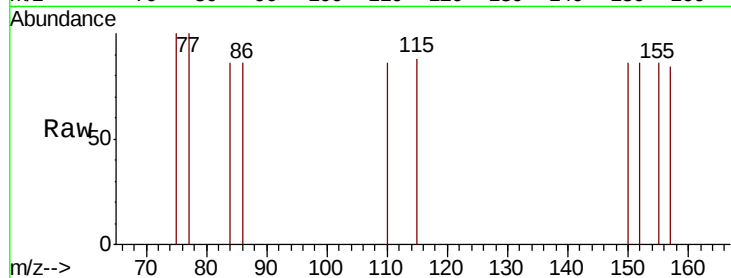
Tgt Ion: 75 Resp: 24

Ion Ratio Lower Upper

75 100

157 83.9 67.2 100.8

155 85.7 61.4 92.2



Abundance Ion 75.00 (74.70 to 75.70): VV010545.D (-846) (-)

Ion 157.00 (156.70 to 157.70): VV010545.D (-846) (-)

Ion 155.00 (154.70 to 155.70): VV010545.D (-846) (-)

