

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112020\
 Data File : VV019413.D
 Acq On : 20 Nov 2020 11:06
 Operator : SY/MD
 Sample : L4485-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-07

Quant Time: Nov 20 23:17:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMV111820SIM.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 20 23:16:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	4836	0.50	ug/L	0.00
5) Chlorobenzene-d5	8.88	117	4528	0.50	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.28	152	2386	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.32	65	3388	0.49	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	98.00%
4) 1,2-Dichloroethane-d4	5.07	65	2146	0.53	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	106.00%
7) 1,2-Dichloropropane-d6	6.09	67	2019	0.53	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	106.00%
8) Toluene-d8	7.33	98	5127	0.47	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.00%
10) 1,1,2,2-Tetrachloroethane-	10.23	84	1135	0.56	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	112.00%

Target Compounds

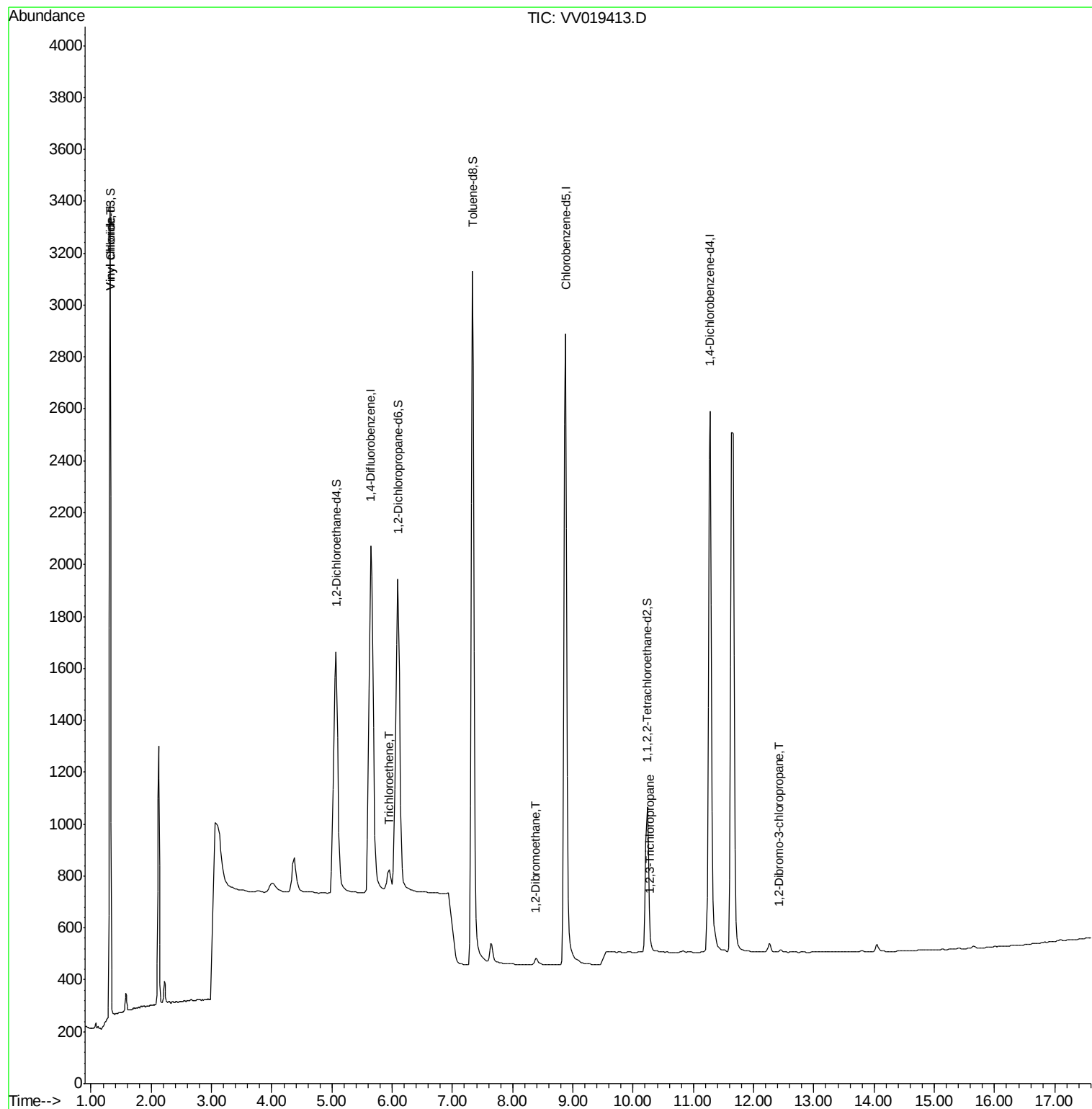
					Qvalue
3) Vinyl chloride	1.32	62	223	0.036	ug/L # 21
6) Trichloroethene	5.95	95	112	0.030	ug/L # 84
9) 1,2-Dibromoethane	8.38	107	45	0.021	ug/L # 78
12) 1,2,3-Trichloropropane	10.28	75	39	0.022	ug/L 91
13) 1,2-Dibromo-3-chloropropan	12.43	75	8	0.028	ug/L 96

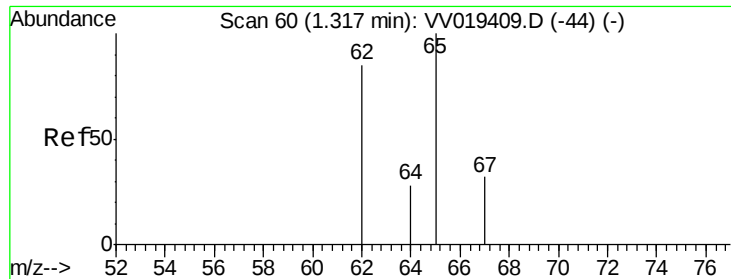
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV112020\
Data File : VV019413.D
Acq On : 20 Nov 2020 11:06
Operator : SY/MD
Sample : L4485-14
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-07

Quant Time: Nov 20 23:17:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SFAMV111820SIM.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 20 23:16:17 2020
Response via : Initial Calibration





#3

Vinyl chloride

Concen: 0.036 ug/L

RT: 1.32 min Scan# 60

Delta R.T. 0.00 min

Lab File: VV019413.D

Acq: 20 Nov 2020 11:06

Instrument :

MSVOA_V

ClientSampleId :

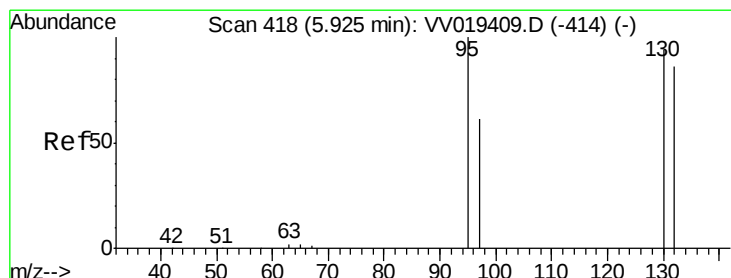
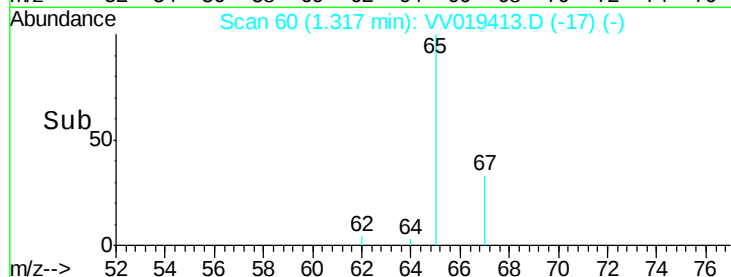
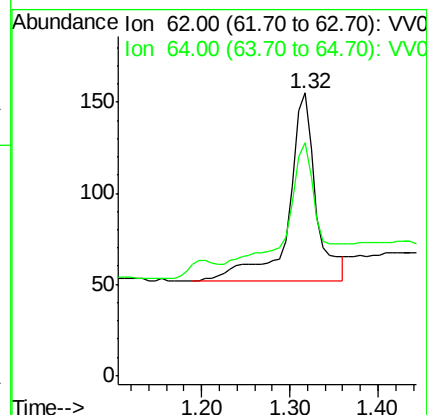
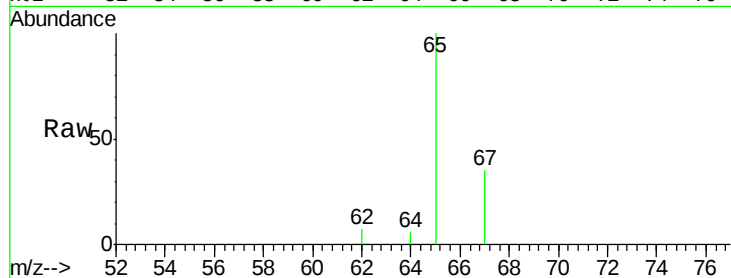
MDL-WATER-07

Tot Ion: 62 Resp: 223

Ion Ratio Lower Upper

62 100

64 82.6 25.1 46.7#



#6

Trichloroethene

Concen: 0.030 ug/L

RT: 5.95 min Scan# 419

Delta R.T. 0.02 min

Lab File: VV019413.D

Acq: 20 Nov 2020 11:06

Tgt Ion: 95 Resp: 112

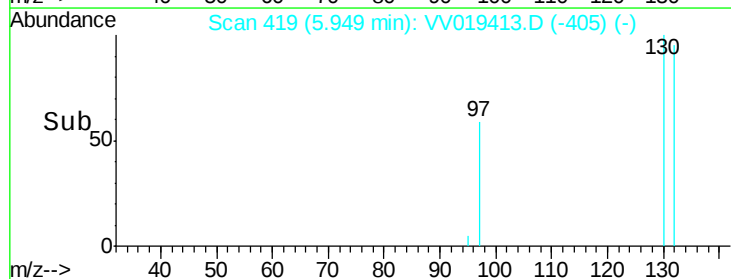
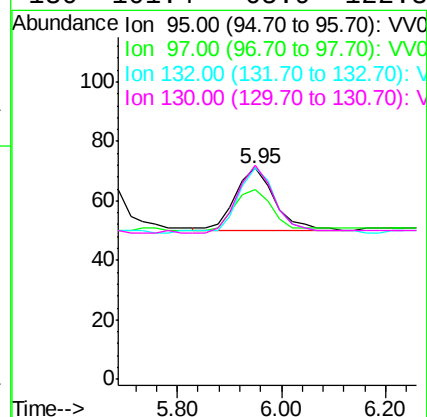
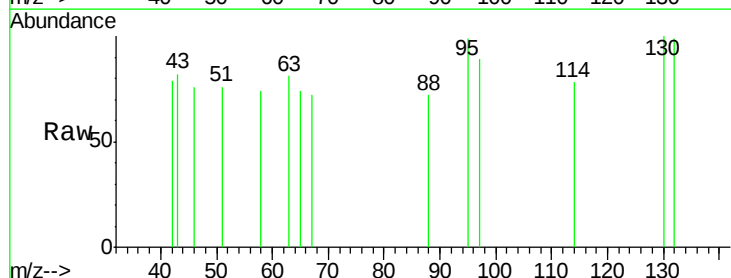
Ion Ratio Lower Upper

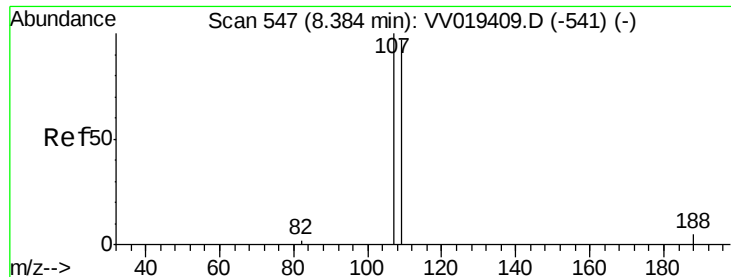
95 100

97 90.1 45.6 84.6#

132 100.0 61.0 113.2

130 101.4 65.9 122.3





#9

1,2-Dibromoethane

Concen: 0.021 ug/L

RT: 8.38 min Scan# 547

Delta R.T. 0.00 min

Lab File: VV019413.D

Acq: 20 Nov 2020 11:06

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-07

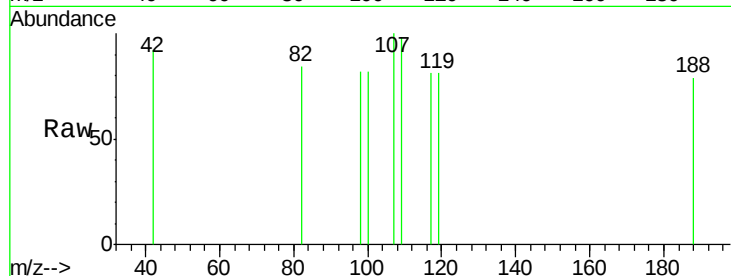
Tot Ion:107 Resp: 45

Ion Ratio Lower Upper

107 100

109 98.4 68.5 127.1

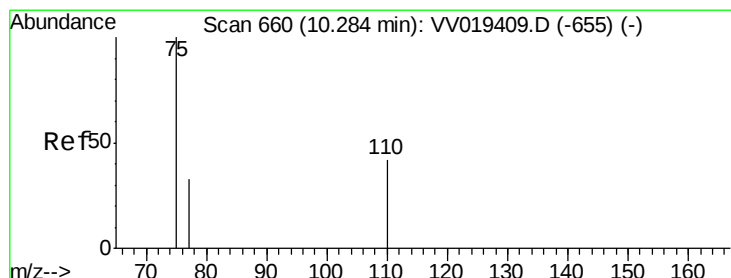
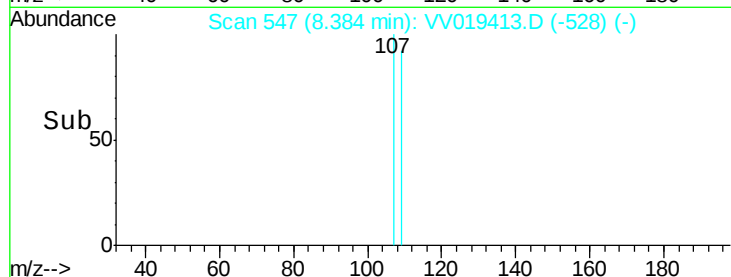
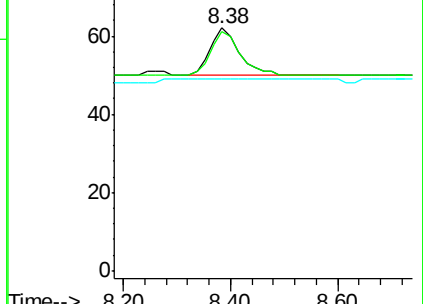
188 79.0 13.9 20.9#



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: 0.022 ug/L

RT: 10.28 min Scan# 660

Delta R.T. 0.00 min

Lab File: VV019413.D

Acq: 20 Nov 2020 11:06

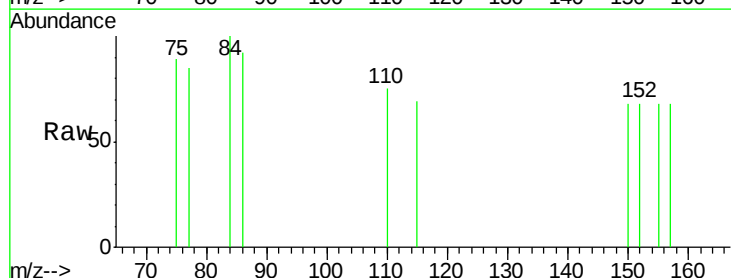
Tgt Ion: 75 Resp: 39

Ion Ratio Lower Upper

75 100

110 35.9 34.5 51.7

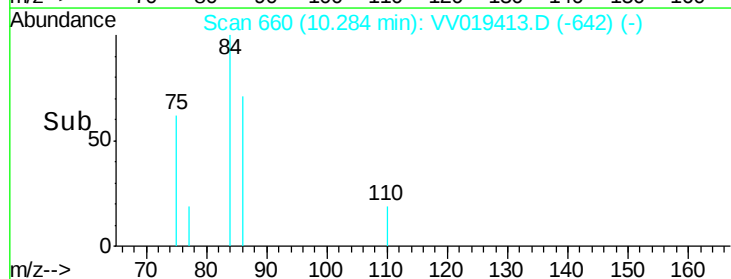
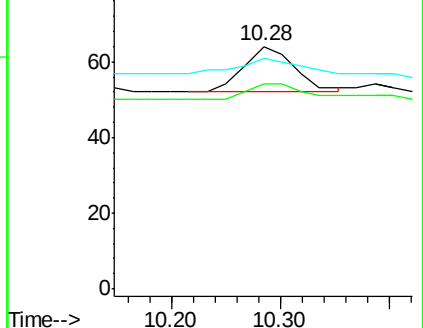
77 35.9 25.7 38.5

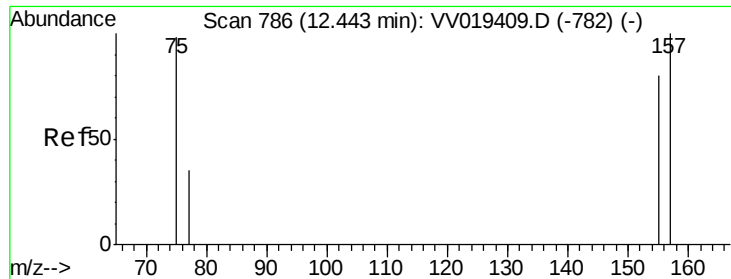


Abundance Ion 75.00 (74.70 to 75.70): VV0

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: 0.028 ug/L

RT: 12.43 min Scan# 785

Delta R.T. -0.02 min

Lab File: VV019413.D

Acq: 20 Nov 2020 11:06

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-07

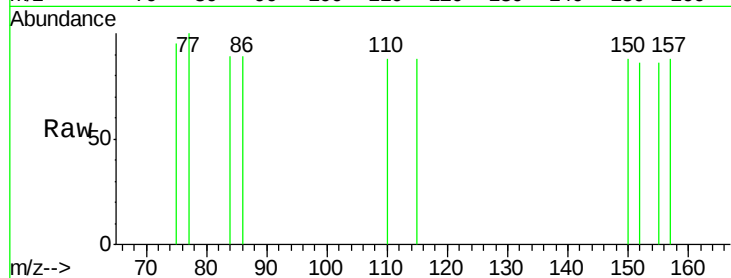
Tot Ion: 75 Resp: 8

Ion Ratio Lower Upper

75 100

157 92.6 79.2 118.8

155 90.7 71.0 106.6



Abundance Ion 75.00 (74.70 to 75.70): VV019413.D (-768) (-)

Ion 157.00 (156.70 to 157.70): VV019413.D (-768) (-)

Ion 155.00 (154.70 to 155.70): VV019413.D (-768) (-)

