

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100318\
 Data File : VV008048.D
 Acq On : 03 Oct 2018 14:22
 Operator : SY/MD
 Sample : J5160-09DL 40X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 07:55:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 04 07:54:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	87489	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	83632	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40748	5.00	ug/L	0.00

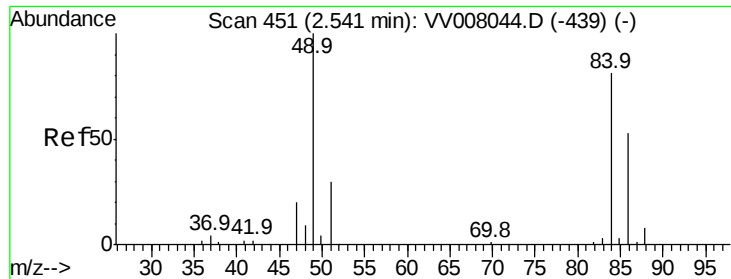
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21991	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.59	69	20499	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.14	63	36224	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	3.97	46	72849	51.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.28%
24) Chloroform-d	4.41	84	54332	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.09	65	29003	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.10	84	105228	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.12	67	33481	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.36	98	97862	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.67	79	11446	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.14	63	51204	47.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.20%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22990	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	40935	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

					Ovalue
16) Methylene chloride	2.54	84	4657	0.725 ug/L	88
19) 1,1-Dichloroethane	3.23	63	1041	0.096 ug/L #	64
35) Methylcyclohexane	6.12	83	8172	0.795 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3972	0.649 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	767	0.094 ug/L #	74
47) Tetrachloroethene	8.02	164	38737	6.096 ug/L	99
49) Dibromochloromethane	8.02	129	32075	6.364 ug/L #	12
66) 1,2-Dibromo-3-chloropropan	12.30	75	482	0.746 ug/L #	13

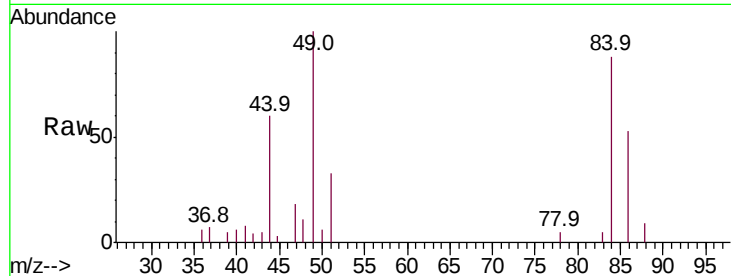
(#) = qualifier out of range (m) = manual integration (+) = signals summed



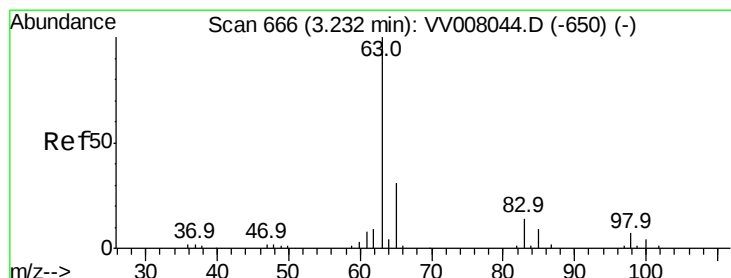
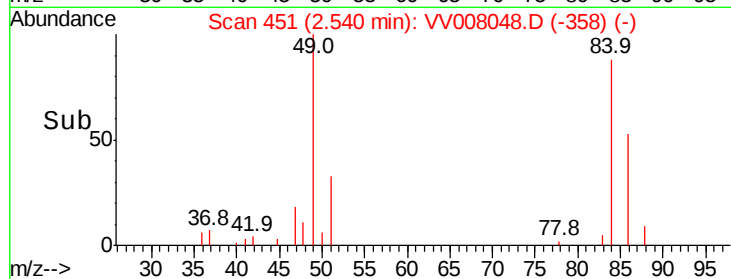
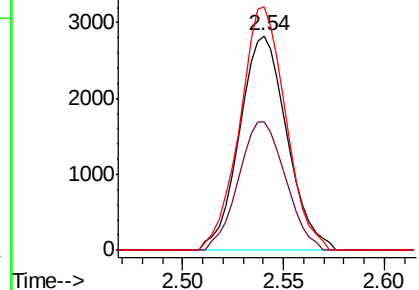
#16
Methvlene chloride
Concen: 0.725 ug/L
RT: 2.54 min Scan# 451
Delta R.T. -0.00 min
Lab File: VV008048.D
Acq: 03 Oct 2018 14:22

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 4657
Ion Ratio Lower Upper
84 100
86 59.7 47.3 87.8
49 113.4 90.0 167.2

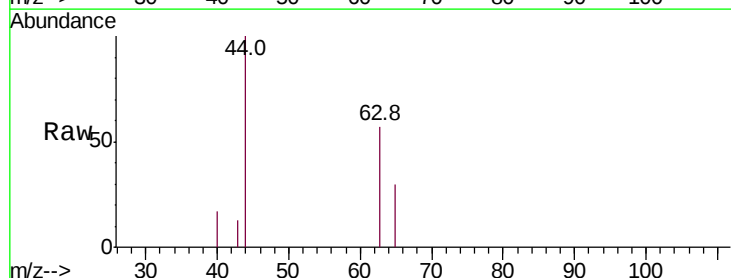


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

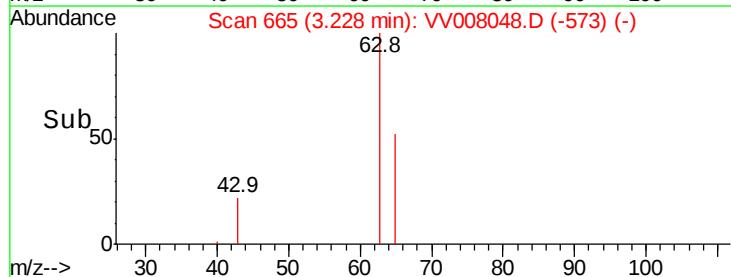
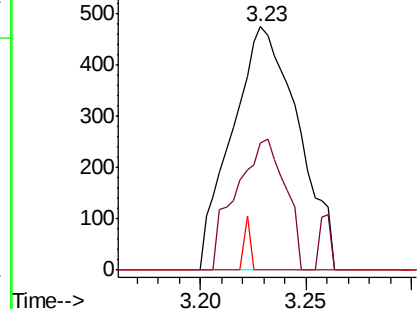


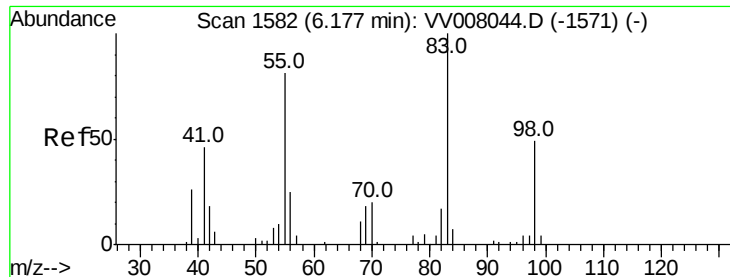
#19
1,1-Dichloroethane
Concen: 0.096 ug/L
RT: 3.23 min Scan# 665
Delta R.T. -0.00 min
Lab File: VV008048.D
Acq: 03 Oct 2018 14:22

Tgt Ion: 63 Resp: 1041
Ion Ratio Lower Upper
63 100
65 52.1 22.3 41.5#
83 0.0 9.8 18.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 65.10 (64.80 to 65.80): VV0
Ion 83.05 (82.75 to 83.75): VV0

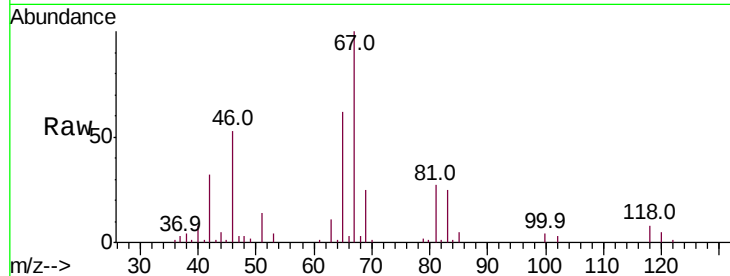




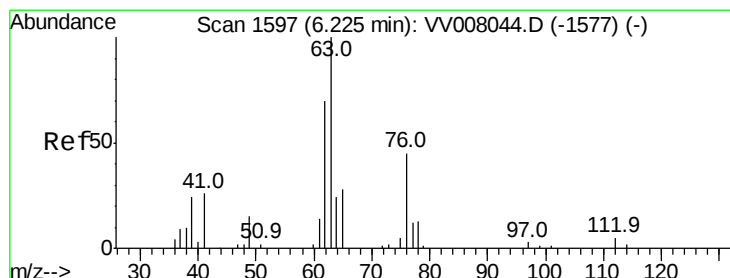
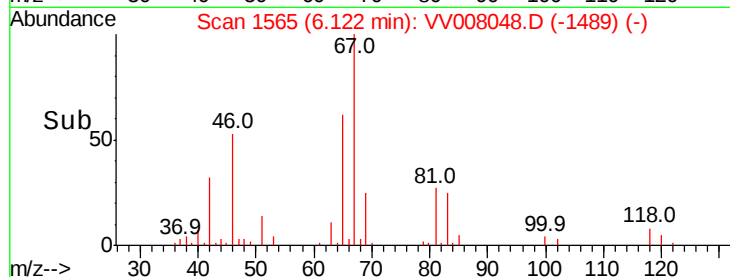
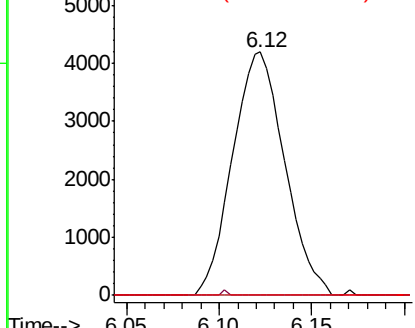
#35
Methvlcvclohexane
Concen: 0.795 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008048.D
Acq: 03 Oct 2018 14:22

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 8172
Ion Ratio Lower Upper
83 100
55 0.2 62.2 93.2#
98 0.3 38.0 57.0#

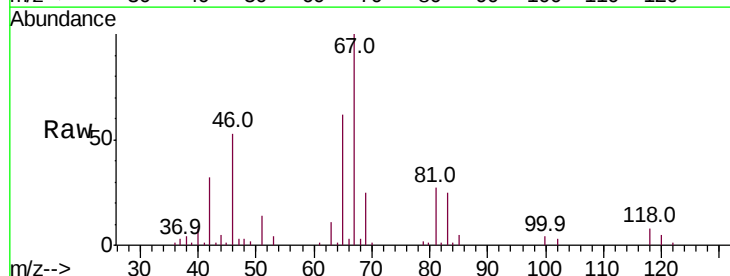


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

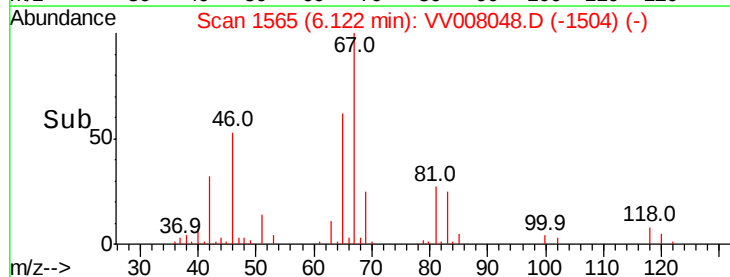
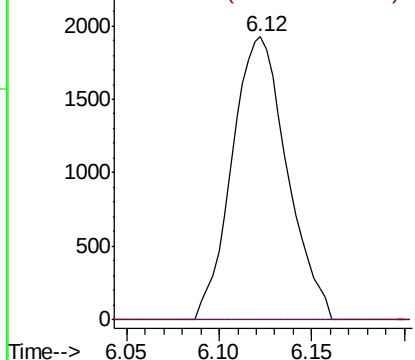


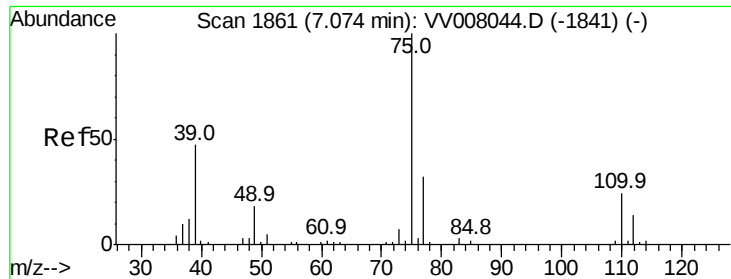
#37
1,2-Dichloropropane
Concen: 0.649 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008048.D
Acq: 03 Oct 2018 14:22

Tgt Ion: 63 Resp: 3972
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

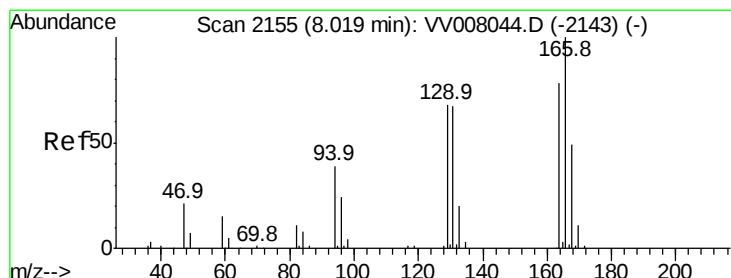
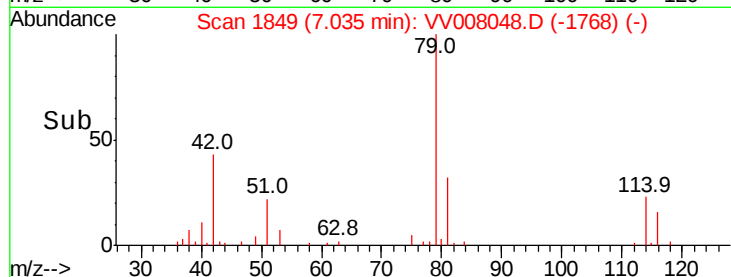
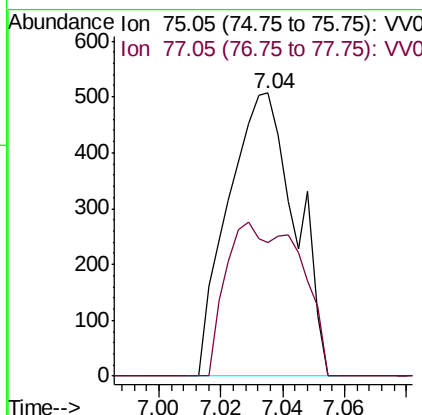
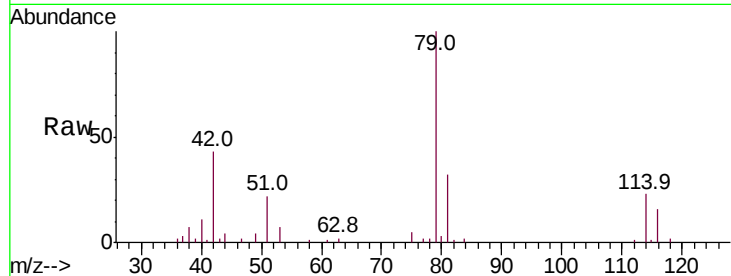




#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008048.D
 Acq: 03 Oct 2018 14:22

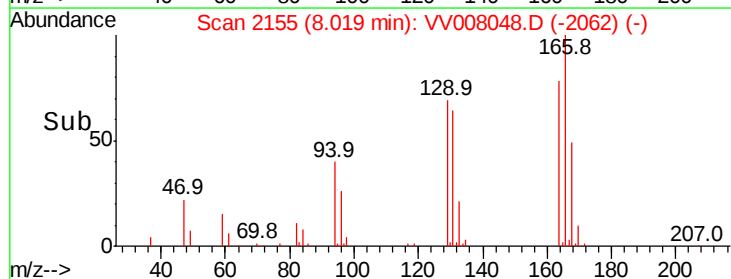
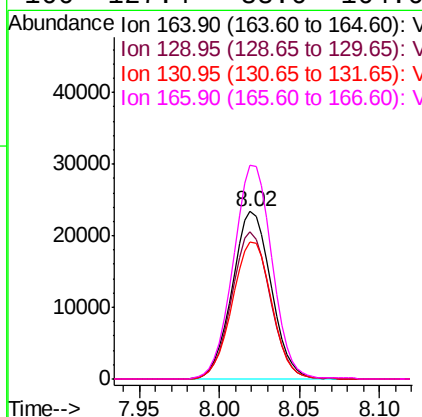
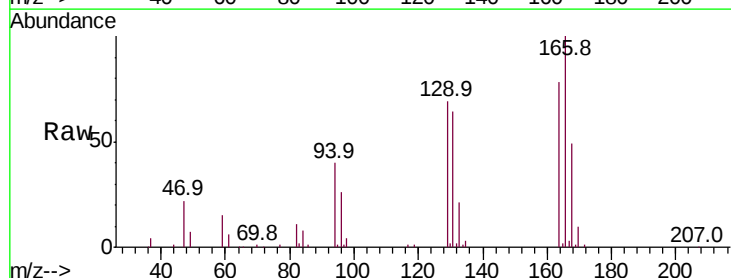
Instrument :
 MSVOA_V
 ClientSampleId :

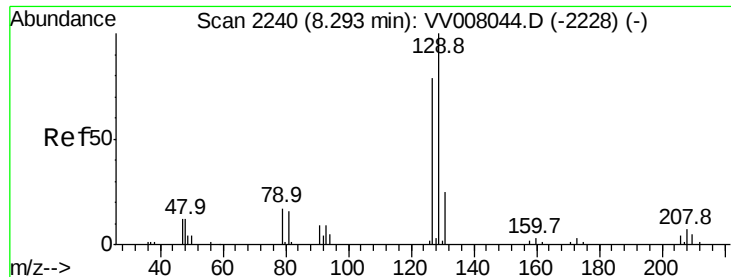
Tot Ion: 75 Resp: 767
 Ion Ratio Lower Upper
 75 100
 77 47.3 22.9 42.5#



#47
 Tetrachloroethene
 Concen: 6.096 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: VV008048.D
 Acq: 03 Oct 2018 14:22

Tgt Ion: 164 Resp: 38737
 Ion Ratio Lower Upper
 164 100
 129 87.8 59.2 110.0
 131 81.7 57.1 106.1
 166 127.4 88.6 164.6





#49

Dibromochloromethane

Concen: 6.364 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV008048.D

Acq: 03 Oct 2018 14:22

Instrument :

MSVOA_V

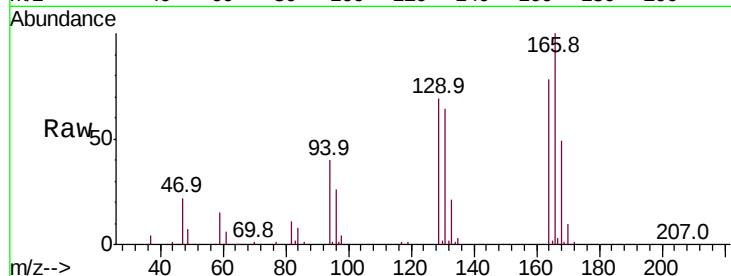
ClientSampleId :

Tot Ion:129 Resp: 32075

Ion Ratio Lower Upper

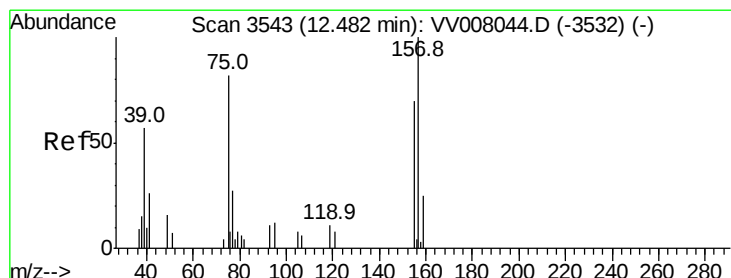
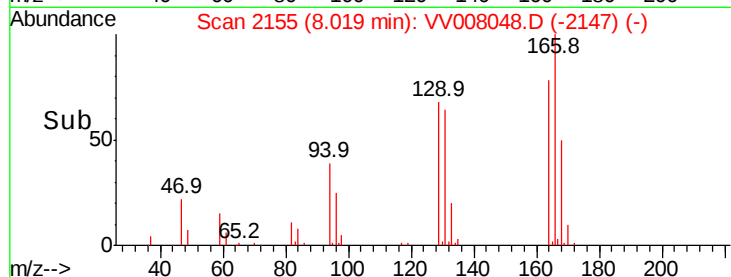
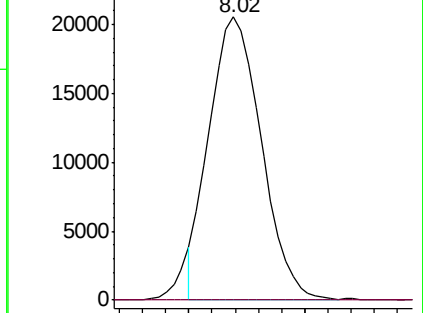
129 100

127 0.0 53.1 98.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#66

1,2-Dibromo-3-chloropropane

Concen: 0.746 ug/L

RT: 12.30 min Scan# 3486

Delta R.T. -0.18 min

Lab File: VV008048.D

Acq: 03 Oct 2018 14:22

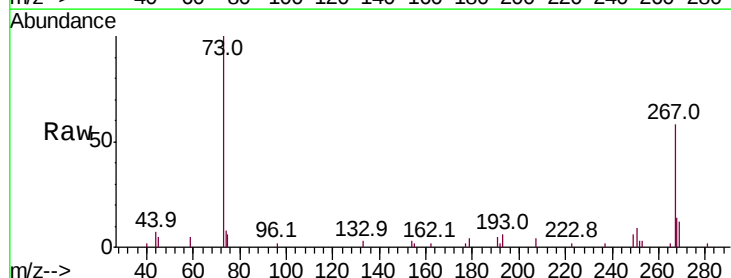
Tgt Ion: 75 Resp: 482

Ion Ratio Lower Upper

75 100

155 38.8 83.4 125.2#

157 0.0 93.9 140.9#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

