

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV007994.D
 Acq On : 01 Oct 2018 14:55
 Operator : SY/MD
 Sample : J5062-22
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Oct 02 02:57:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 02:56:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	87223	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	81855	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41167	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25148	5.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.60%
7) Chloroethane-d5	1.59	69	21693	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.14	63	39535	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	3.96	46	76448	54.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.72%
24) Chloroform-d	4.41	84	54547	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.09	65	29981	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.10	84	107888	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
36) 1,2-Dichloropropane-d6	6.13	67	34260	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.36	98	100967	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	7.67	79	12086	5.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.40%
46) 2-Hexanone-d5	8.14	63	55929	53.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.24%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25265	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	42433	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

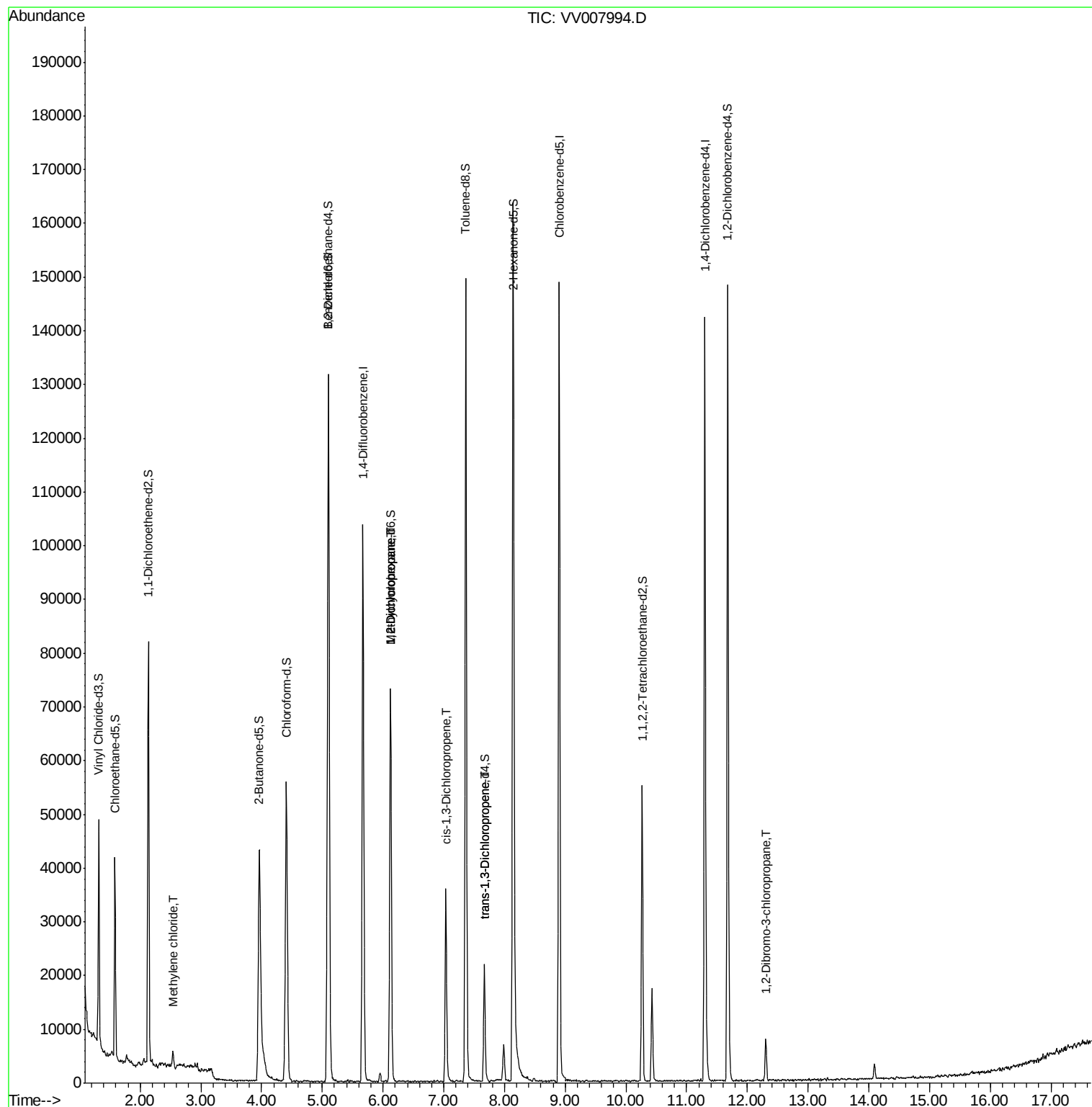
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	2.54	84	1177	0.184	ug/L	83
35) Methylcyclohexane	6.13	83	7951	0.790	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3795	0.634	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	964	0.120	ug/L #	59
44) trans-1,3-Dichloropropene	7.67	75	581	0.087	ug/L #	67
66) 1,2-Dibromo-3-chloropropan	12.30	75	196	0.300	ug/L #	1

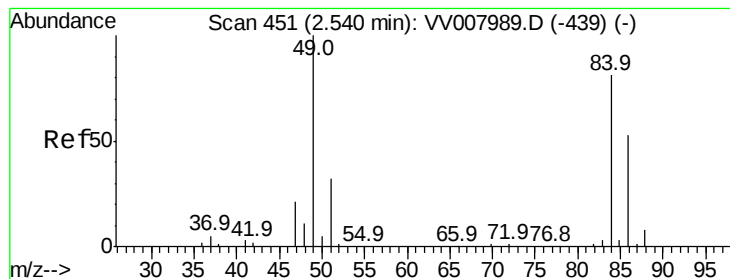
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 02 02:56:09 2018
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.184 ug/L

RT: 2.54 min Scan# 452

Delta R.T. 0.00 min

Lab File: VV007994.D

Acq: 01 Oct 2018 14:55

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

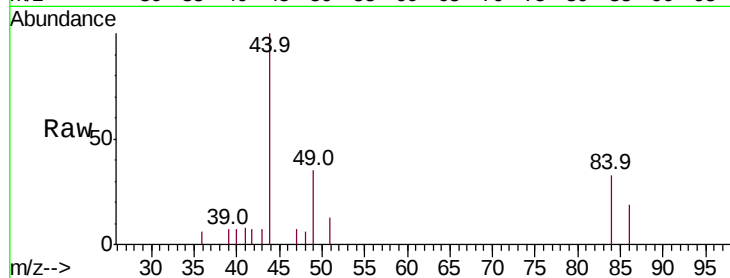
Tot Ion: 84 Resp: 1177

Ion Ratio Lower Upper

84 100

86 57.2 47.3 87.8

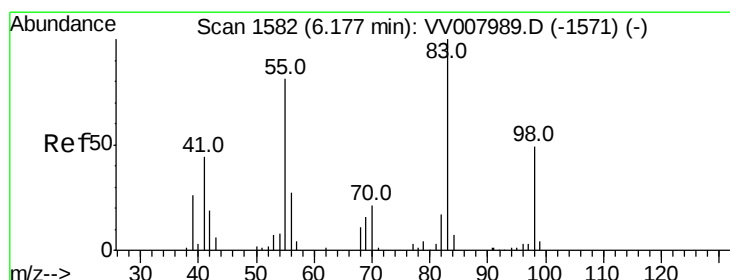
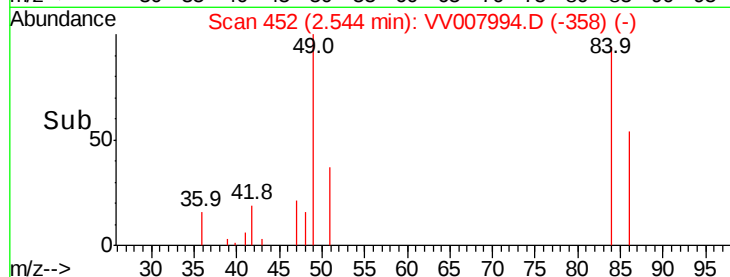
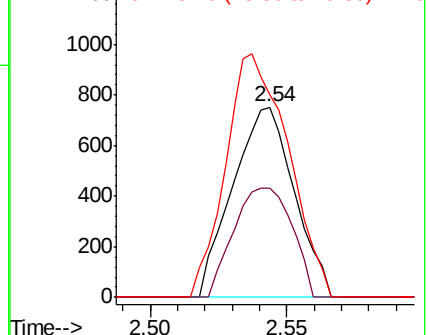
49 106.5 90.0 167.2



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



#35

Methylcyclohexane

Concen: 0.790 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV007994.D

Acq: 01 Oct 2018 14:55

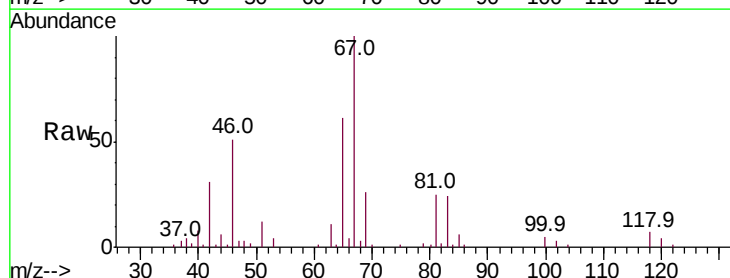
Tgt Ion: 83 Resp: 7951

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

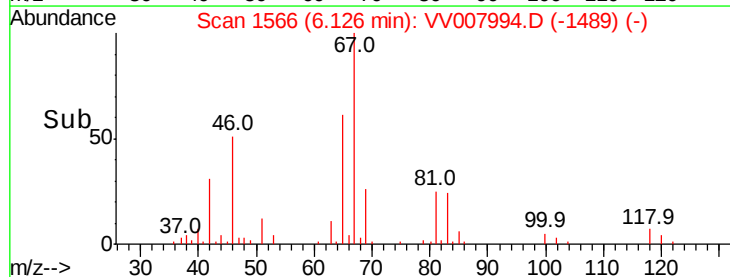
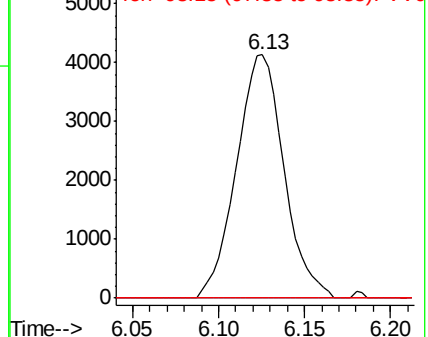
98 0.6 38.0 57.0#

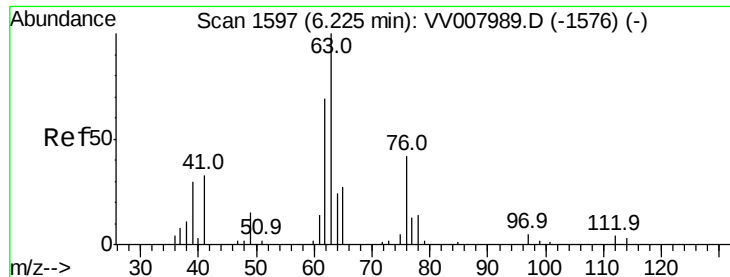


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

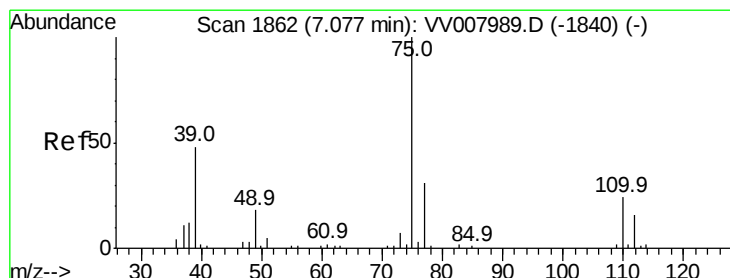
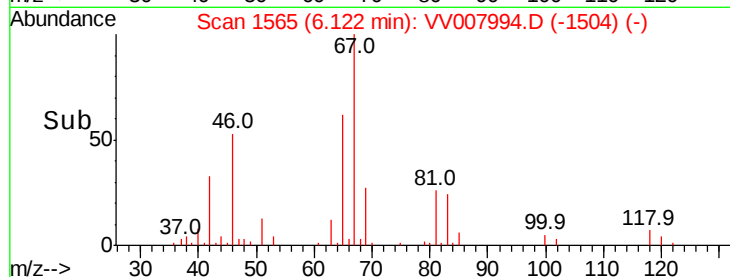
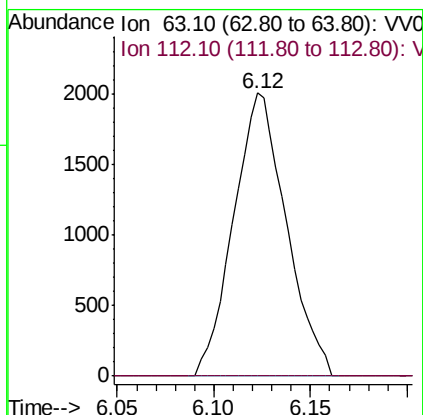
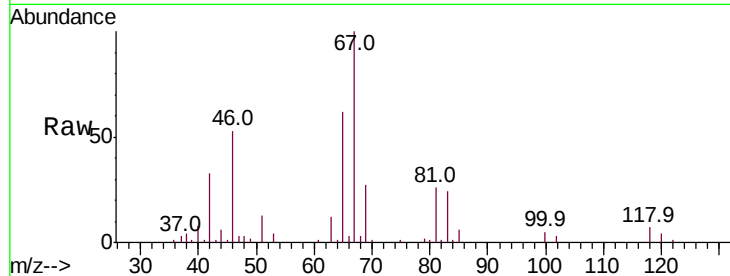




#37
 1,2-Dichloropropane
 Concen: 0.634 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV007994.D
 Acq: 01 Oct 2018 14:55

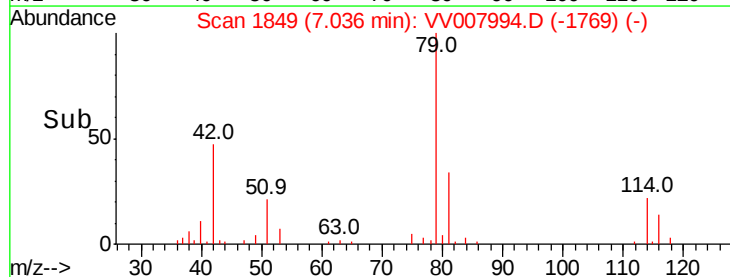
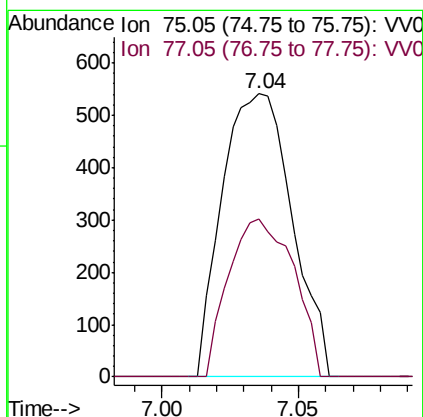
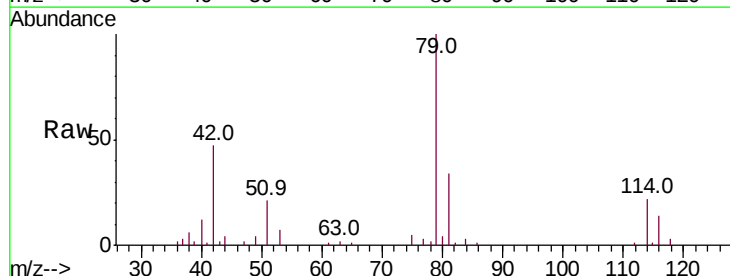
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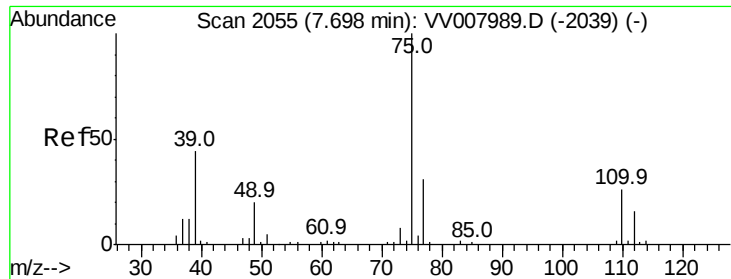
Tot Ion: 63 Resp: 3795
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.120 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007994.D
 Acq: 01 Oct 2018 14:55

Tgt Ion: 75 Resp: 964
 Ion Ratio Lower Upper
 75 100
 77 55.6 22.9 42.5#





#44

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV007994.D

Acq: 01 Oct 2018 14:55

Instrument :

MSVOA_V

ClientSampleId :

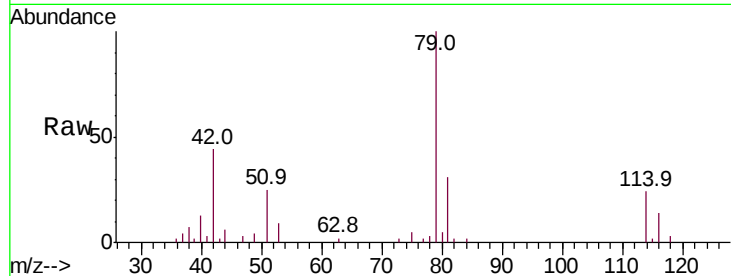
VHBLK01

Tot Ion: 75 Resp: 581

Ion Ratio Lower Upper

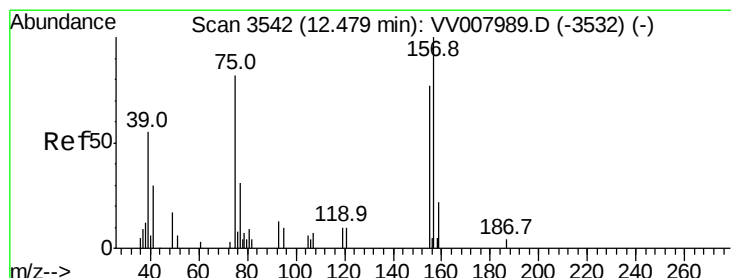
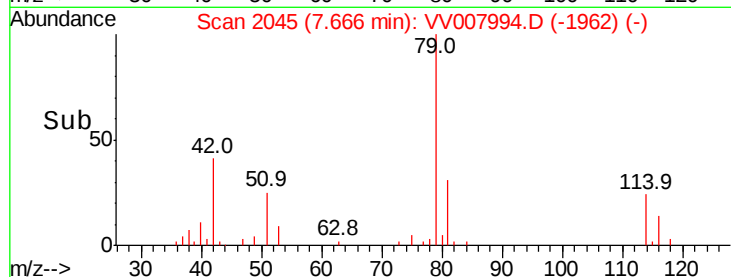
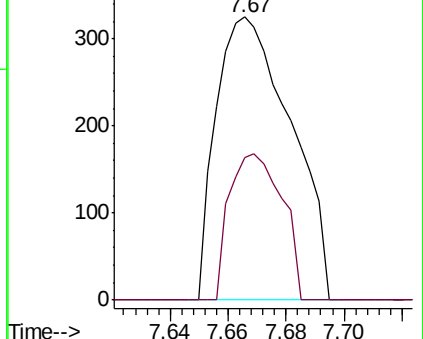
75 100

77 50.5 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#66

1,2-Dibromo-3-chloropropane

Concen: 0.300 ug/L

RT: 12.30 min Scan# 3486

Delta R.T. -0.18 min

Lab File: VV007994.D

Acq: 01 Oct 2018 14:55

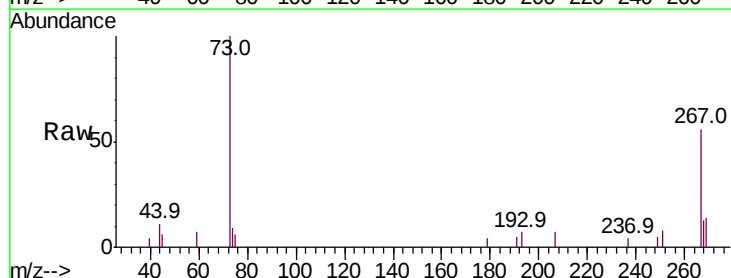
Tgt Ion: 75 Resp: 196

Ion Ratio Lower Upper

75 100

155 0.0 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

