

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV007991.D
 Acq On : 01 Oct 2018 13:33
 Operator : SY/MD
 Sample : J5062-17DL 200X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC17DL

Quant Time: Oct 02 02:56:41 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	89658	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	86299	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42563	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17960	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.59	69	18728	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.13	63	30322	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	3.98	46	76124	52.66	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.32%
24) Chloroform-d	4.41	84	51000	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.09	65	28208	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.10	84	96855	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.12	67	31649	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.36	98	89646	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.67	79	10858	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.14	63	53887	48.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.08%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24191	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	39370	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

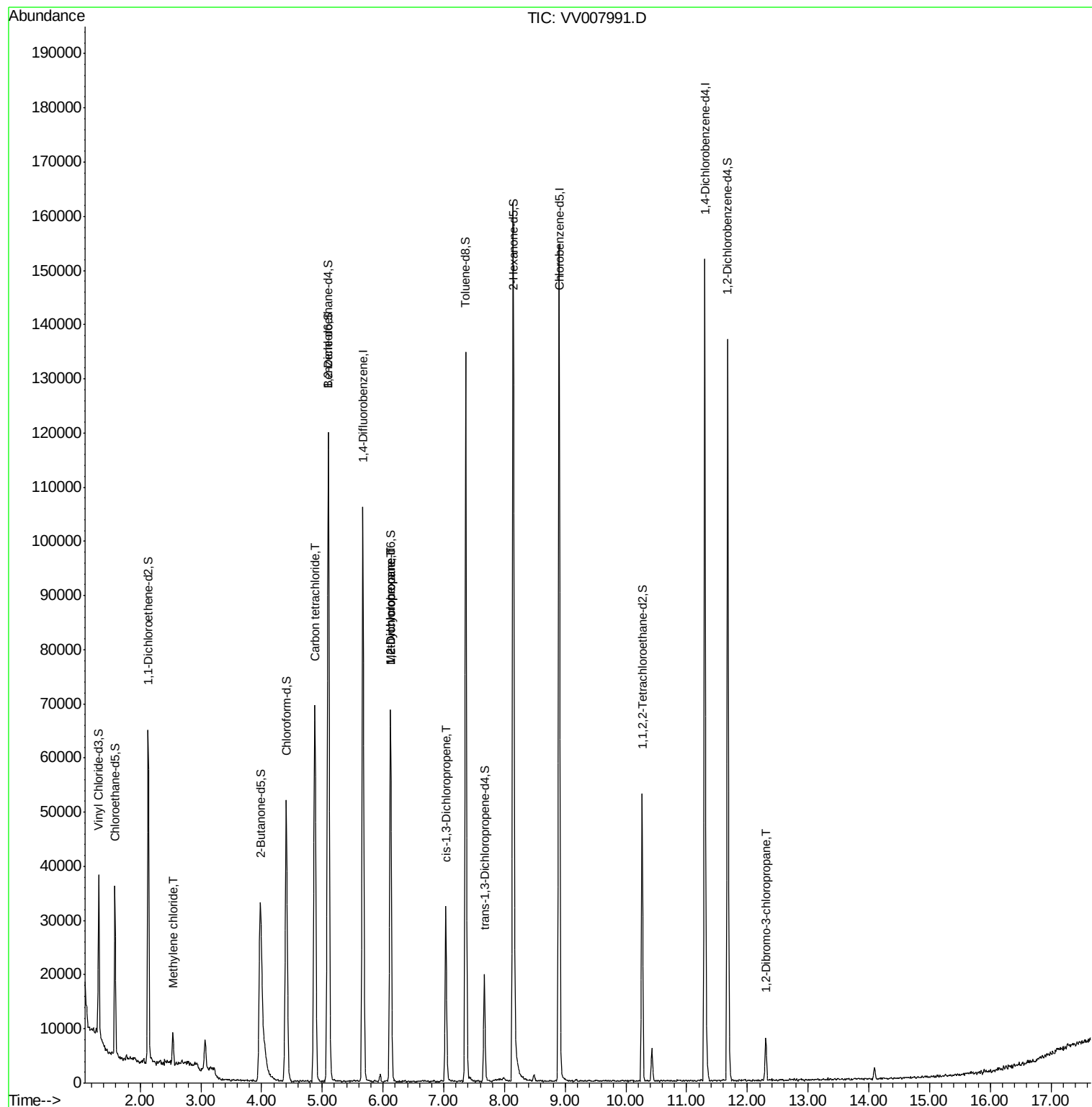
					Ovalue
16) Methylene chloride	2.54	84	2449	0.372 ug/L	80
31) Carbon tetrachloride	4.87	117	52394	5.727 ug/L	98
35) Methylcyclohexane	6.12	83	7749	0.730 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3724	0.590 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	800	0.095 ug/L #	45
66) 1,2-Dibromo-3-chloropropan	12.30	75	220	0.326 ug/L #	1

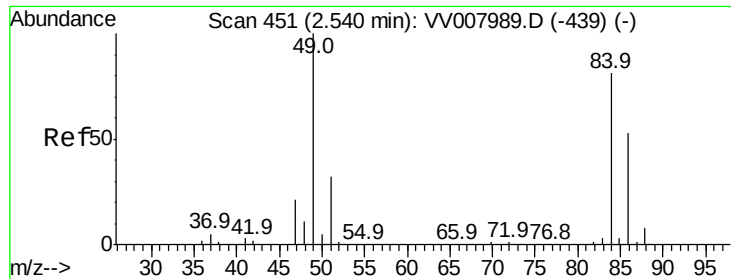
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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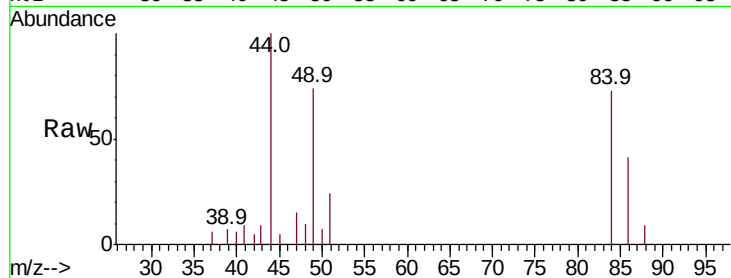




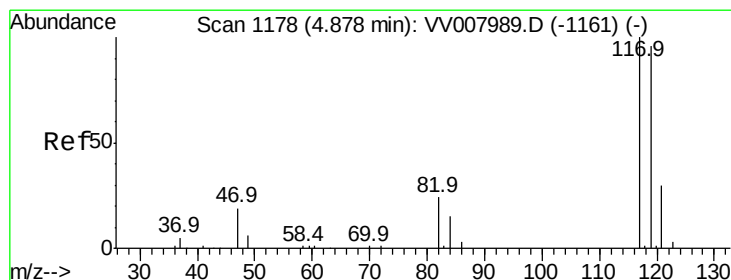
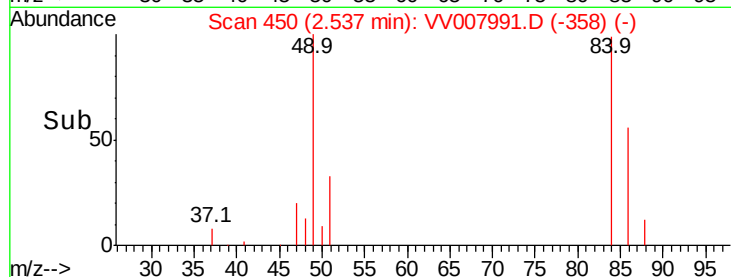
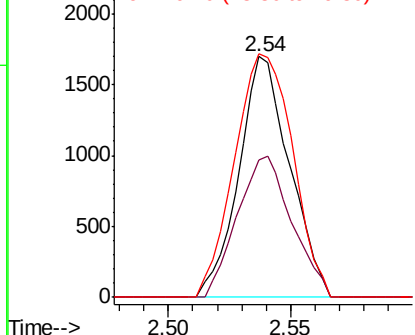
#16
Methvlene chloride
Concen: 0.372 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV007991.D
Acq: 01 Oct 2018 13:33

Instrument :
MSVOA_V
ClientSampled :
GAC17DL

Tot Ion: 84 Resp: 2449
Ion Ratio Lower Upper
84 100
86 56.9 47.3 87.8
49 101.1 90.0 167.2

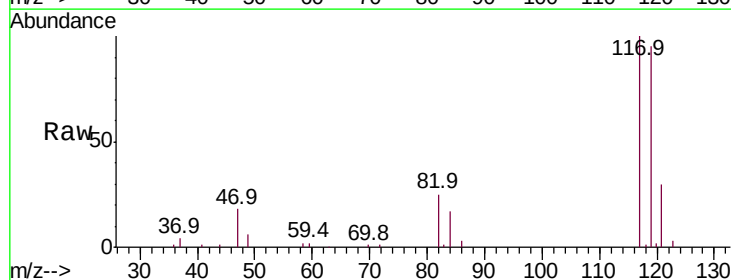


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

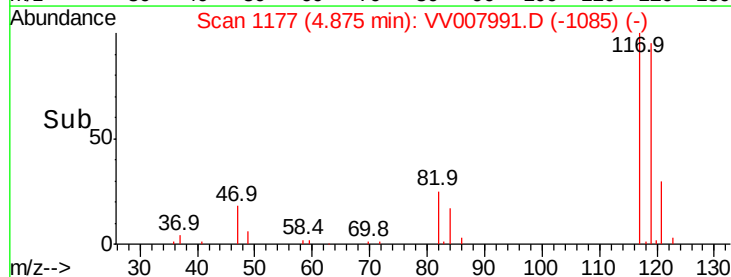
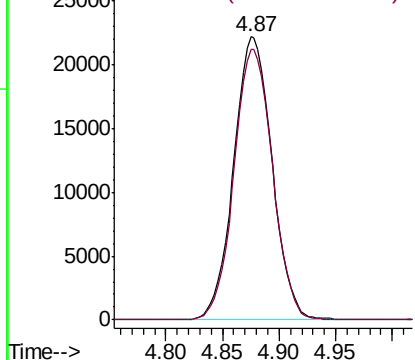


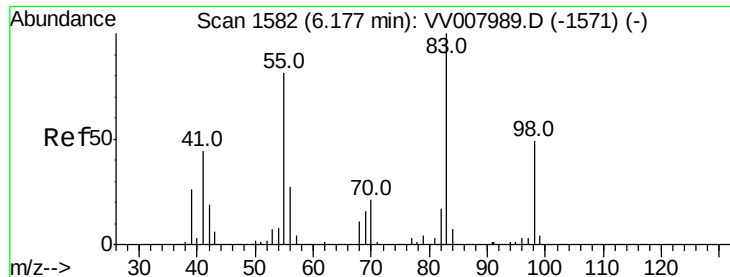
#31
Carbon tetrachloride
Concen: 5.727 ug/L
RT: 4.87 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VV007991.D
Acq: 01 Oct 2018 13:33

Tgt Ion: 117 Resp: 52394
Ion Ratio Lower Upper
117 100
119 95.7 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V





#35

Methylvlcyclohexane

Concen: 0.730 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV007991.D

Acq: 01 Oct 2018 13:33

Instrument :

MSVOA_V

ClientSampleId :

GAC17DL

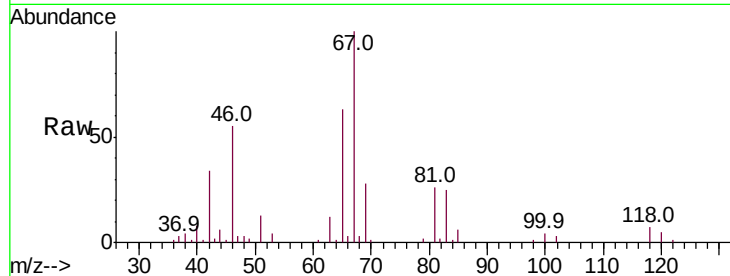
Tot Ion: 83 Resp: 7749

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

98 0.6 38.0 57.0#



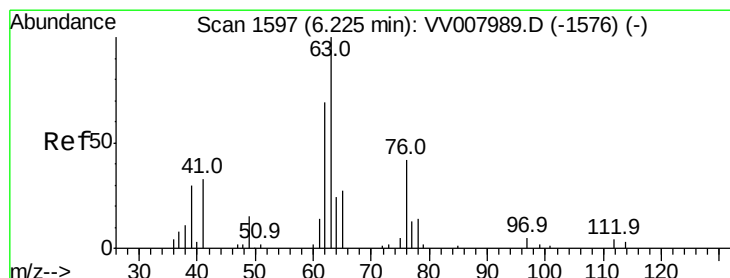
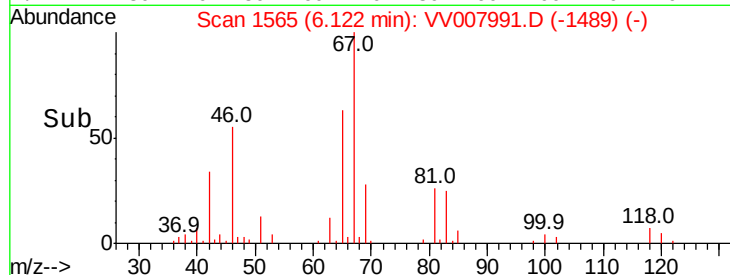
Abundance Ion 83.15 (82.85 to 83.85): VV007991.D (-1571) (-)

Ion 55.10 (54.80 to 55.80): VV007991.D (-1571) (-)

Ion 98.15 (97.85 to 98.85): VV007991.D (-1571) (-)

6.12

Time-->



#37

1,2-Dichloropropane

Concen: 0.590 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV007991.D

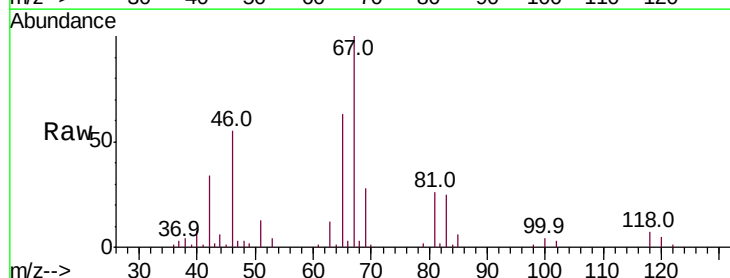
Acq: 01 Oct 2018 13:33

Tgt Ion: 63 Resp: 3724

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#

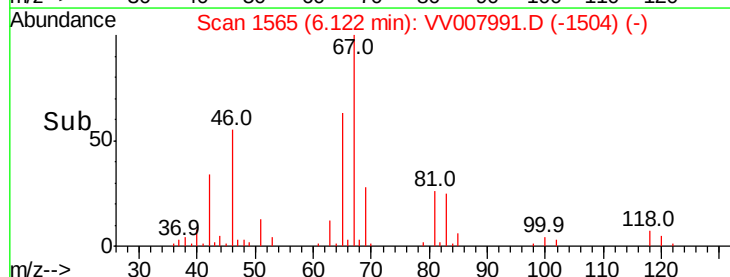


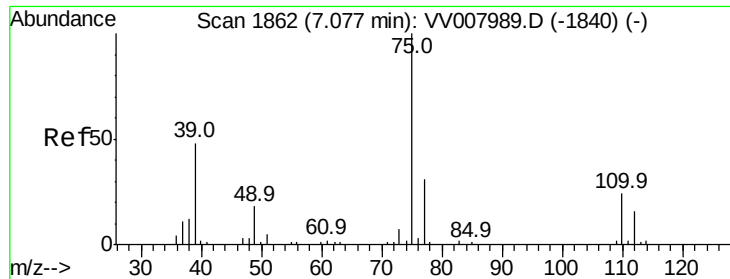
Abundance Ion 63.10 (62.80 to 63.80): VV007991.D (-1504) (-)

Ion 112.10 (111.80 to 112.80): VV007991.D (-1504) (-)

6.12

Time-->





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007991.D

Acq: 01 Oct 2018 13:33

Instrument :

MSVOA_V

ClientSampled :

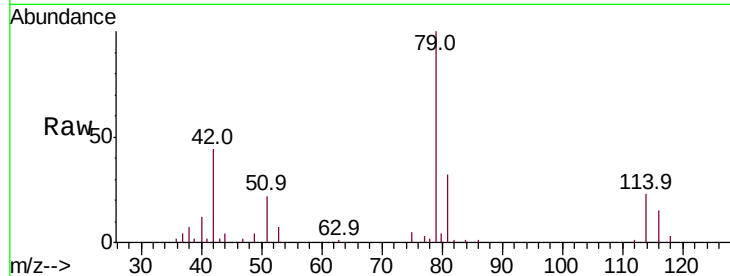
GAC17DL

Tot Ion: 75 Resp: 800

Ion Ratio Lower Upper

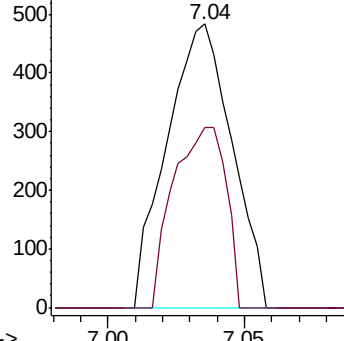
75 100

77 63.8 22.9 42.5#

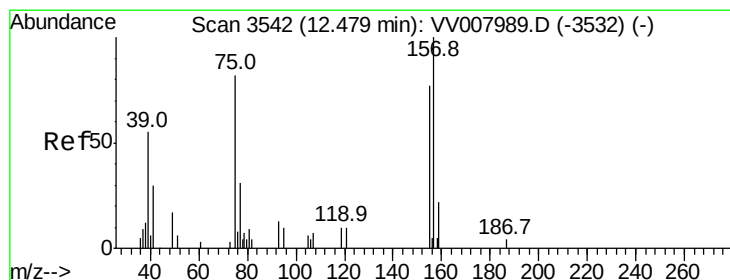
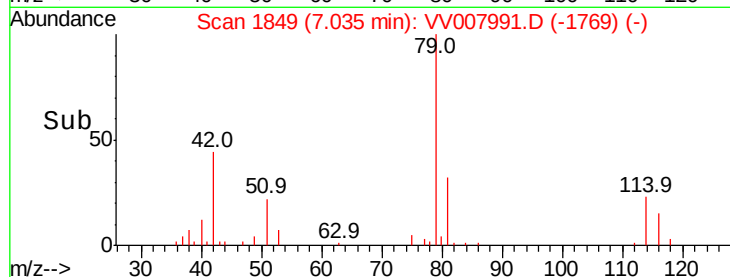


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



Time-->



#66

1,2-Dibromo-3-chloropropane

Concen: 0.326 ug/L

RT: 12.30 min Scan# 3485

Delta R.T. -0.18 min

Lab File: VV007991.D

Acq: 01 Oct 2018 13:33

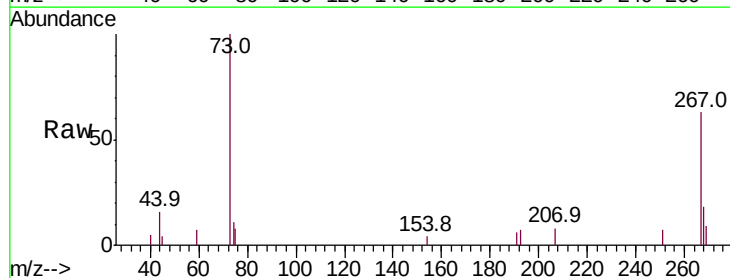
Tgt Ion: 75 Resp: 220

Ion Ratio Lower Upper

75 100

155 0.0 83.4 125.2#

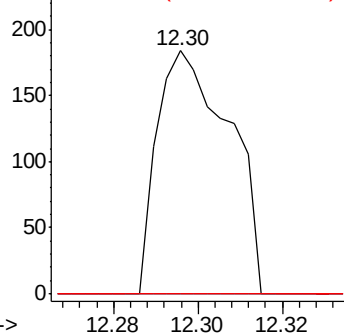
157 0.0 93.9 140.9#



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



Time-->

