

Data File : VV008056.D
Acq On : 04 Oct 2018 12:00
Operator : SY/MD
Sample : VV1004WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK77

Quant Time: Oct 05 05:20:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 05 05:20:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	93768	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	88262	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44273	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20906	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.59	69	19615	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.14	63	34434	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	3.96	46	72972	48.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.52%
24) Chloroform-d	4.41	84	55127	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.09	65	28908	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.10	84	103779	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.12	67	33225	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.36	98	94385	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.67	79	11292	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.14	63	48904	43.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	24349	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	41330	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

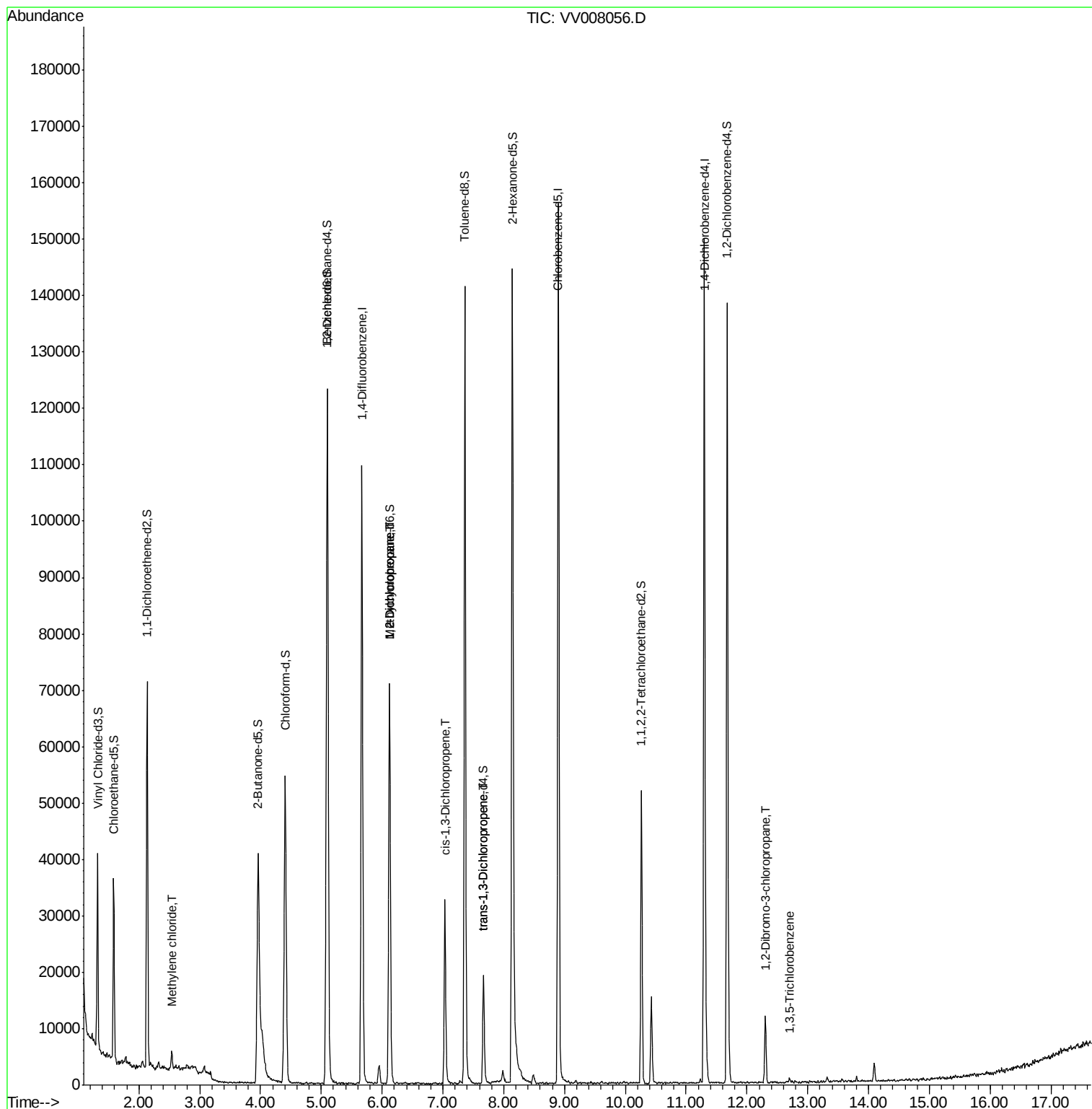
						Qvalue
16) Methylene chloride	2.54	84	1268	0.184	ug/L	90
35) Methylcyclohexane	6.12	83	8460	0.780	ug/L #	22
37) 1,2-Dichloropropane	6.12	63	3874	0.600	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	759	0.088	ug/L #	66
44) trans-1,3-Dichloropropene	7.67	75	651	0.091	ug/L	90
66) 1,2-Dibromo-3-chloropropan	12.31	75	319	0.454	ug/L #	1
67) 1,3,5-Trichlorobenzene	12.70	180	501	0.040	ug/L #	82

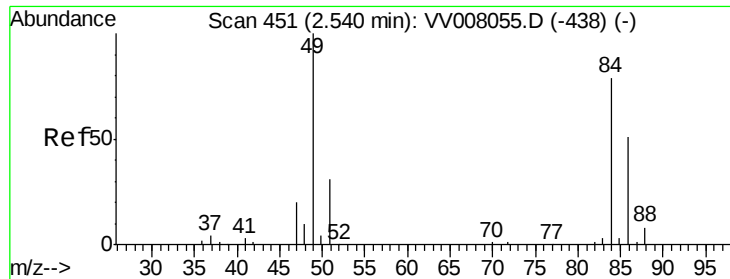
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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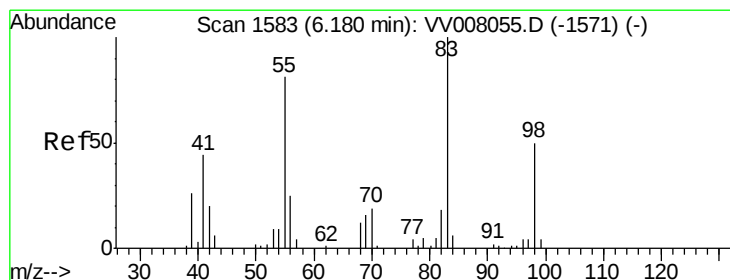
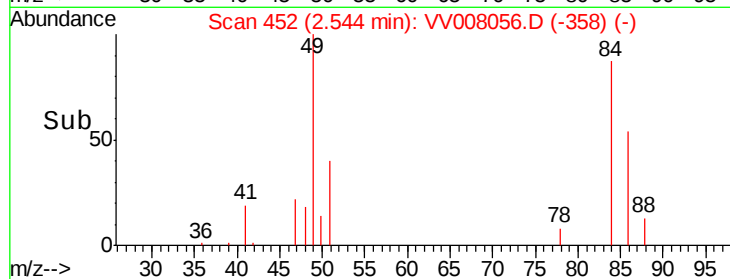
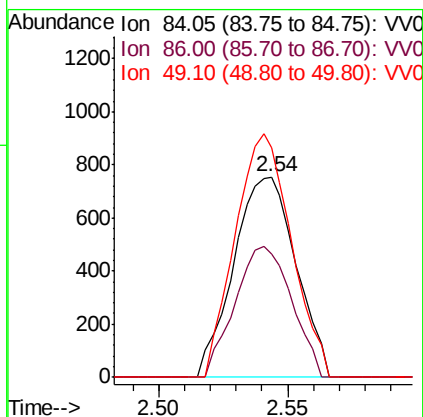
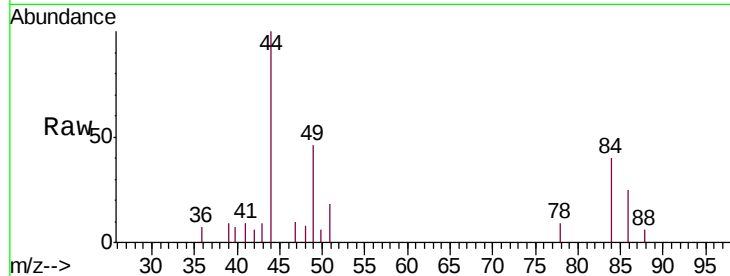




#16
Methylene chloride
Concen: 0.184 ug/L
RT: 2.54 min Scan# 452
Delta R.T. 0.00 min
Lab File: VV008056.D
Acq: 04 Oct 2018 12:00

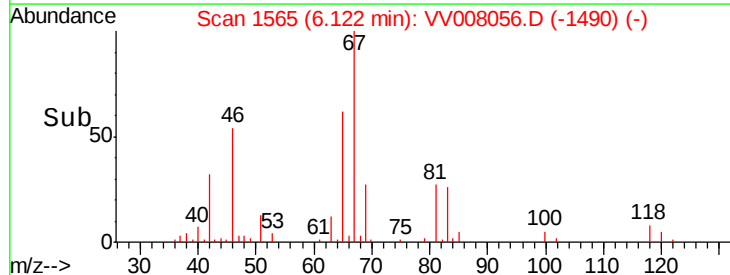
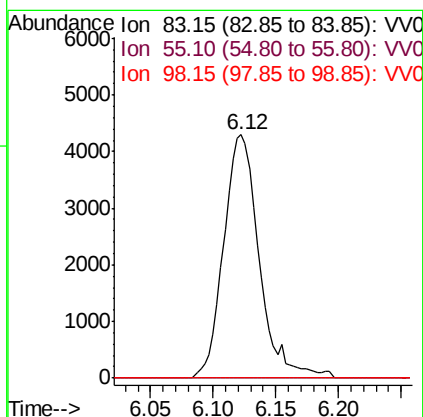
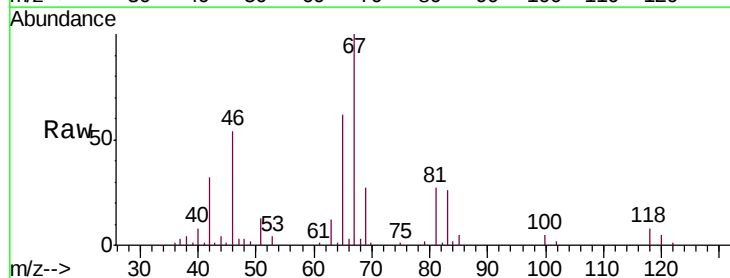
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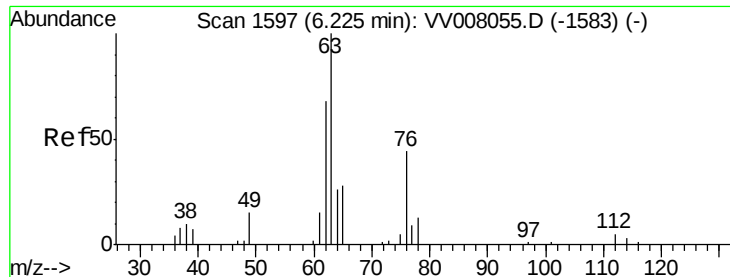
Tgt Ion: 84 Resp: 1268
Ion Ratio Lower Upper
84 100
86 61.6 47.3 87.8
49 114.6 90.0 167.2



#35
Methylcyclohexane
Concen: 0.780 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV008056.D
Acq: 04 Oct 2018 12:00

Tgt Ion: 83 Resp: 8460
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 7.4 38.0 57.0#

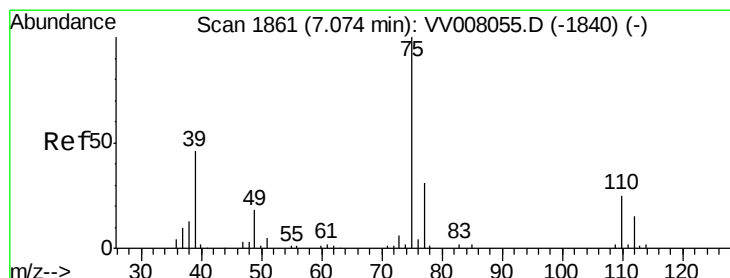
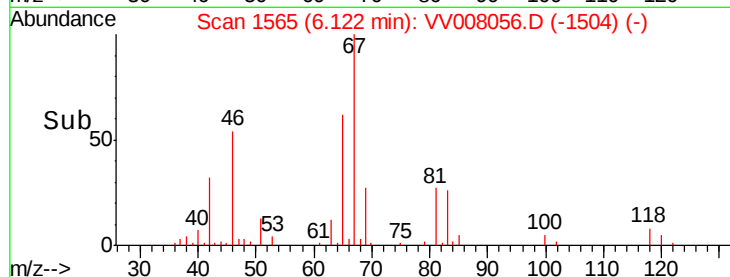
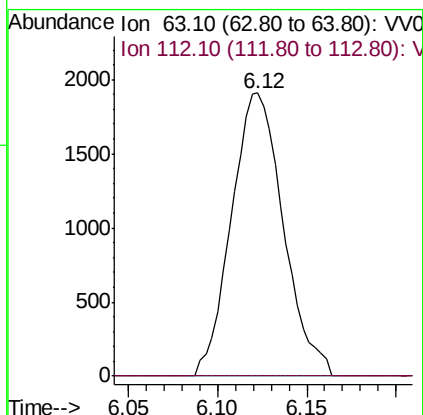
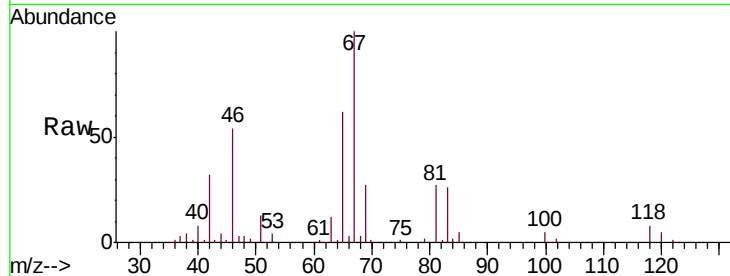




#37
 1,2-Dichloropropane
 Concen: 0.600 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008056.D
 Acq: 04 Oct 2018 12:00

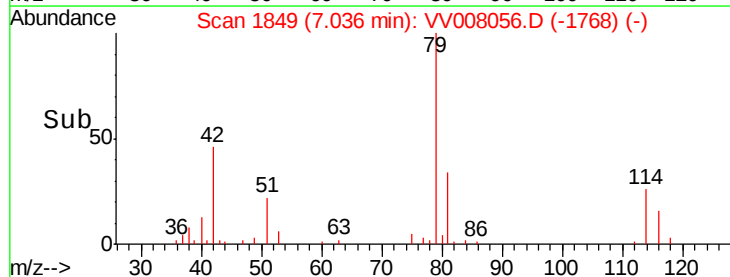
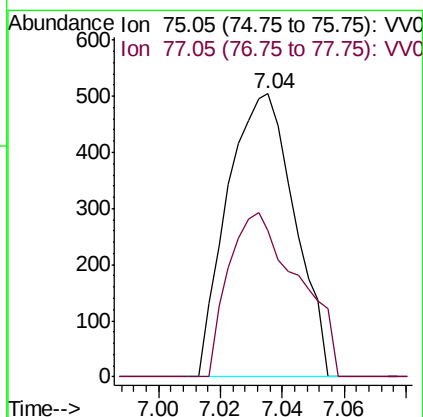
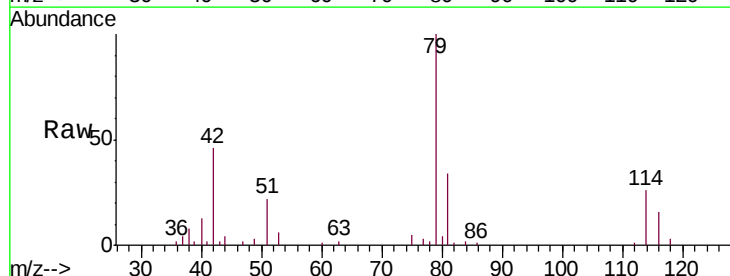
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK77

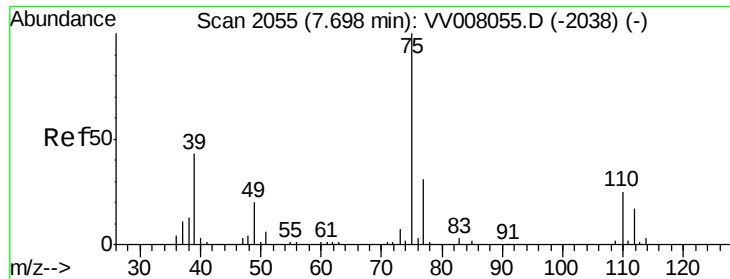
Tgt Ion: 63 Resp: 3874
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008056.D
 Acq: 04 Oct 2018 12:00

Tgt Ion: 75 Resp: 759
 Ion Ratio Lower Upper
 75 100
 77 51.8 22.9 42.5#





#44

trans-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV008056.D

Acq: 04 Oct 2018 12:00

Instrument :

MSVOA_V

ClientSampleId :

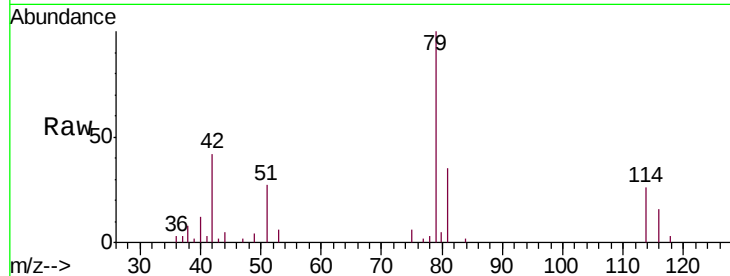
VBLK77

Tgt Ion: 75 Resp: 651

Ion Ratio Lower Upper

75 100

77 37.5 22.3 41.5



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.67

400

300

200

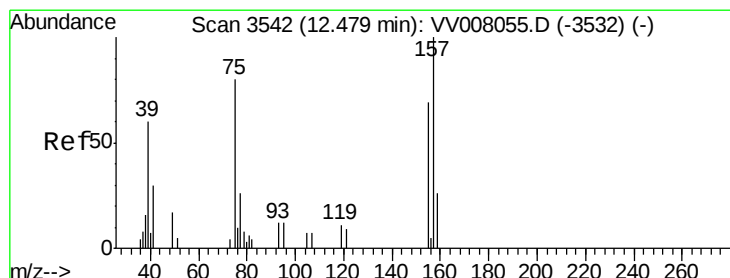
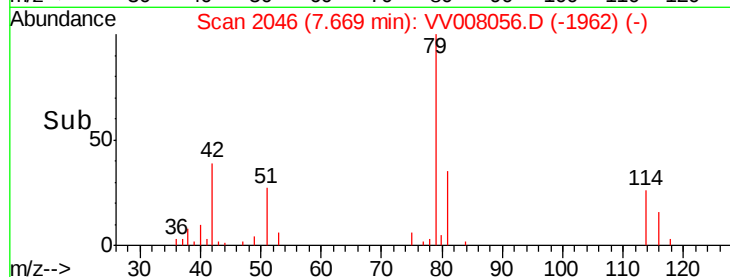
100

0

7.65

7.70

Time-->



#66

1,2-Dibromo-3-chloropropane

Concen: 0.454 ug/L

RT: 12.31 min Scan# 3489

Delta R.T. -0.17 min

Lab File: VV008056.D

Acq: 04 Oct 2018 12:00

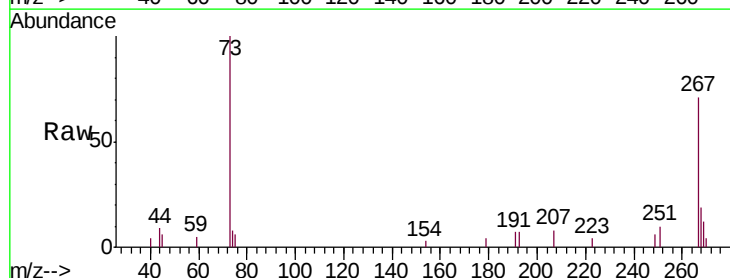
Tgt Ion: 75 Resp: 319

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

250

200

150

100

50

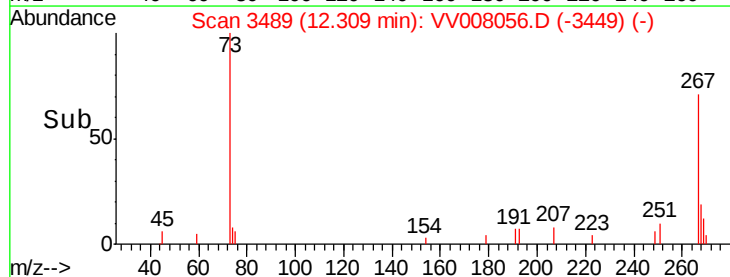
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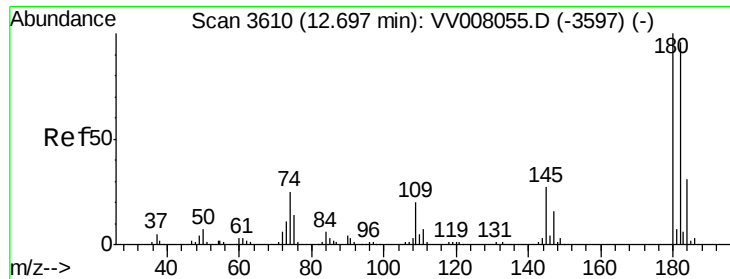
12.28

12.30

12.32

Time-->





#67
 1,3,5-Trichlorobenzene
 Concen: 0.040 ug/L
 RT: 12.70 min Scan# 3611
 Delta R.T. 0.00 min
 Lab File: VV008056.D
 Acq: 04 Oct 2018 12:00

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK77

Tgt Ion:180 Resp: 501
 Ion Ratio Lower Upper
 180 100
 182 91.4 76.2 114.4
 184 15.6 24.5 36.7#
 145 0.0 22.2 33.4#

