

Data File : VV008067.D
Acq On : 04 Oct 2018 17:48
Operator : SY/MD
Sample : VV1004WBL02
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK78

Quant Time: Oct 05 05:56:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 05 05:56:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	84374	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	78081	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39065	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20262	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.59	69	19009	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.14	63	33581	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	3.96	46	78991	58.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.12%
24) Chloroform-d	4.41	84	55901	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.09	65	30041	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.10	84	103970	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.60%
36) 1,2-Dichloropropane-d6	6.13	67	34034	5.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.20%
41) Toluene-d8	7.36	98	94046	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.67	79	10846	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.14	63	53326	53.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.18%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24343	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	41224	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

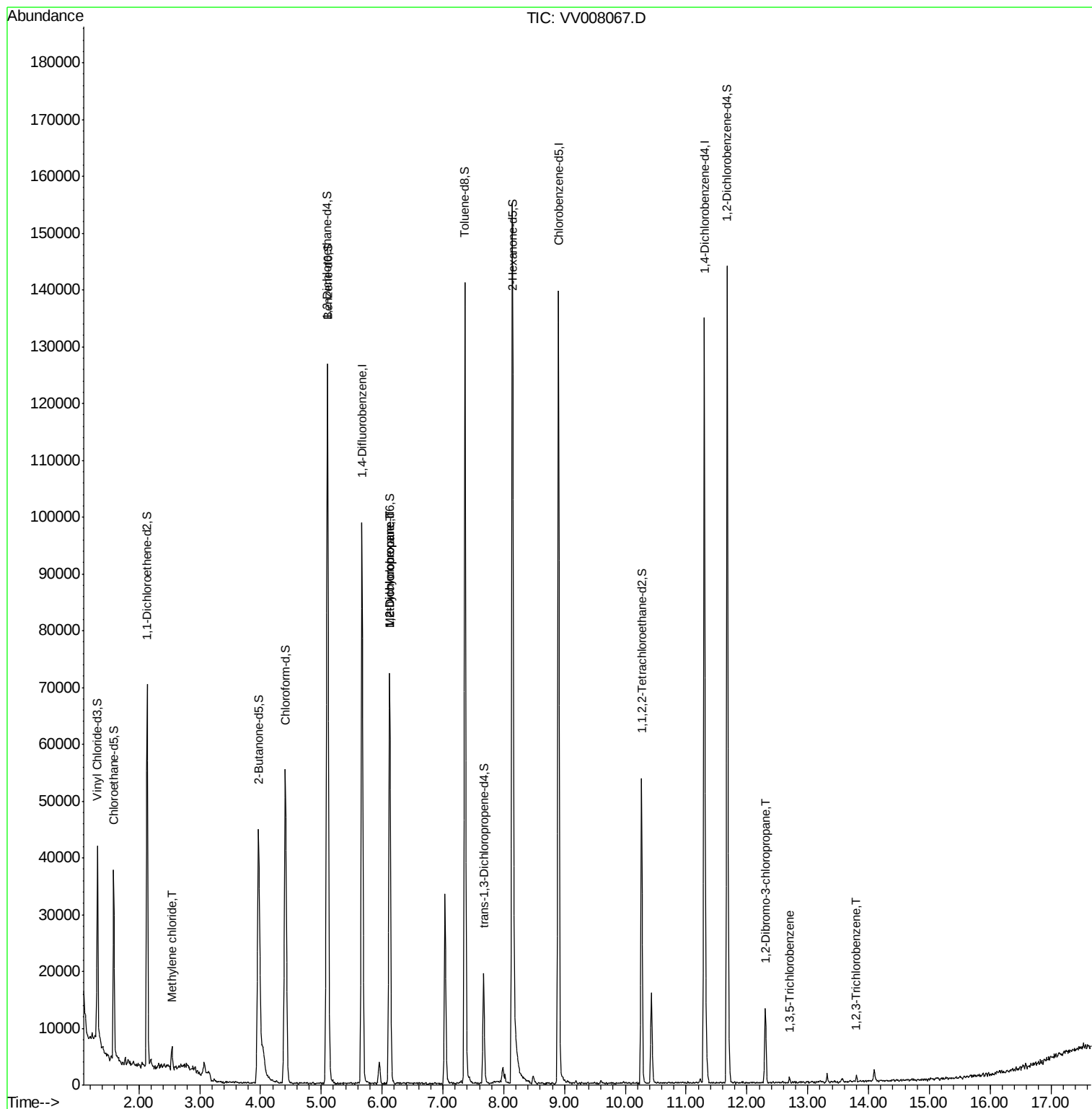
					Qvalue
16) Methylene chloride	2.54	84	1539	0.248 ug/L	82
35) Methylcyclohexane	6.13	83	8333	0.868 ug/L #	23
37) 1,2-Dichloropropane	6.13	63	3907	0.684 ug/L #	87
66) 1,2-Dibromo-3-chloropropan	12.30	75	393	0.635 ug/L #	13
67) 1,3,5-Trichlorobenzene	12.70	180	580	0.053 ug/L #	77
70) 1,2,3-Trichlorobenzene	13.80	180	573	0.068 ug/L	91

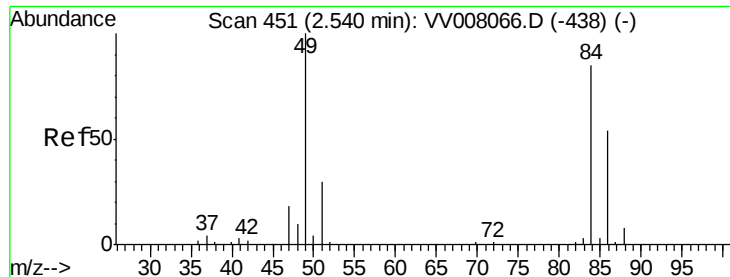
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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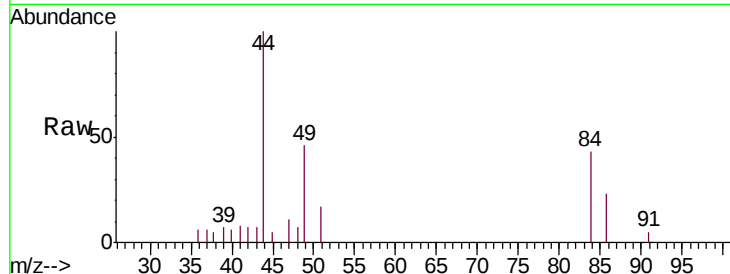




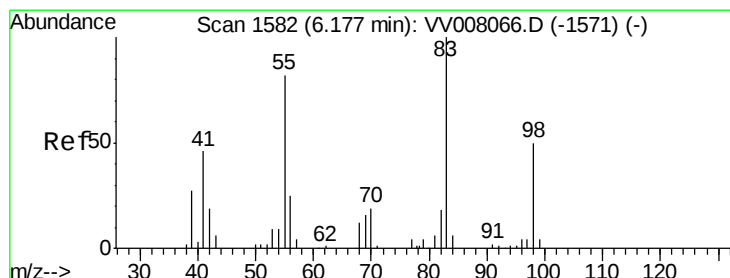
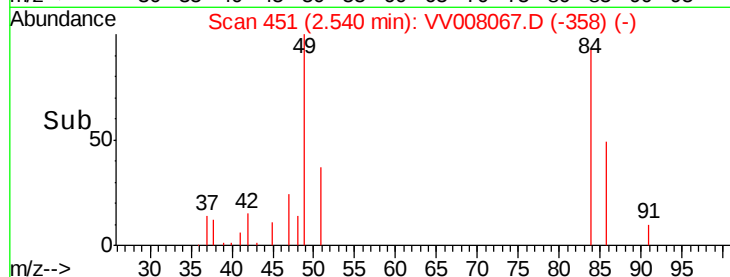
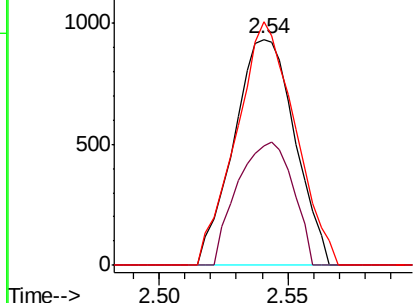
#16
Methylene chloride
Concen: 0.248 ug/L
RT: 2.54 min Scan# 451
Delta R.T. -0.00 min
Lab File: VV008067.D
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Instrument :
MSVOA_V
ClientSampleId :
VBLK78

Tgt Ion: 84 Resp: 1539
Ion Ratio Lower Upper
84 100
86 53.0 47.3 87.8
49 107.6 90.0 167.2

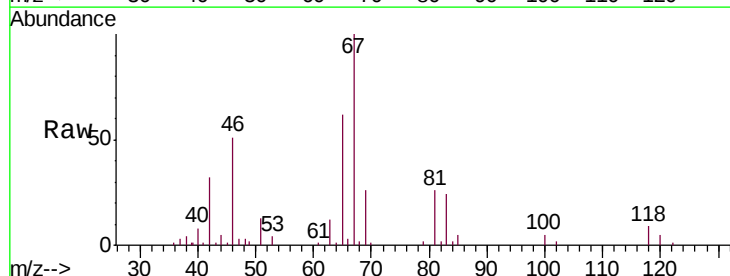


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

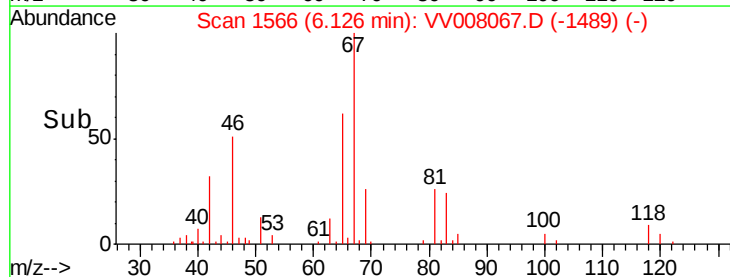
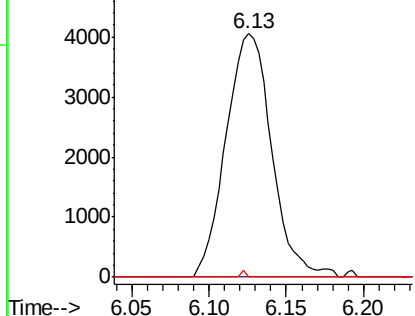


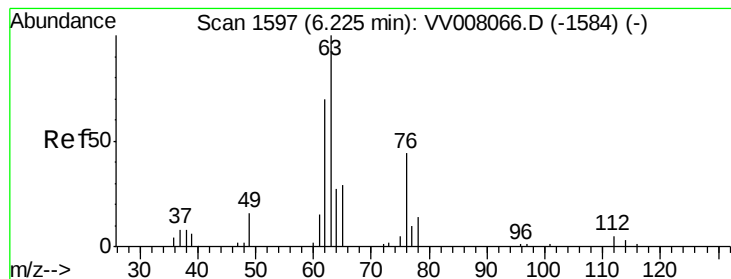
#35
Methylcyclohexane
Concen: 0.868 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008067.D
Acq: 04 Oct 2018 17:48

Tgt Ion: 83 Resp: 8333
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 9.2 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: 0.684 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008067.D

Acq: 04 Oct 2018 17:48

Instrument :

MSVOA_V

ClientSampleId :

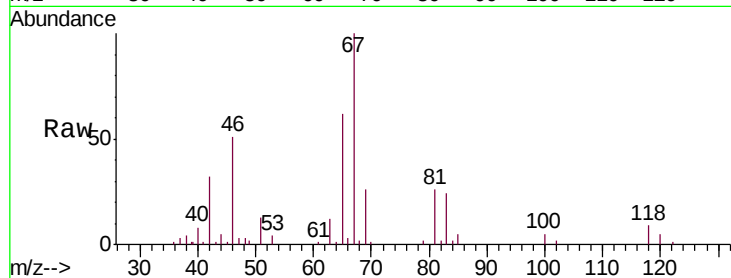
VBLK78

Tgt Ion: 63 Resp: 3907

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV008066.D (-1584) (-)

Ion 112.10 (111.80 to 112.80): VV008066.D (-1584) (-)

6.13

2000

1500

1000

500

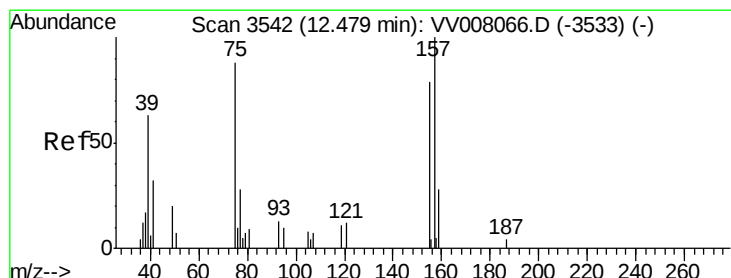
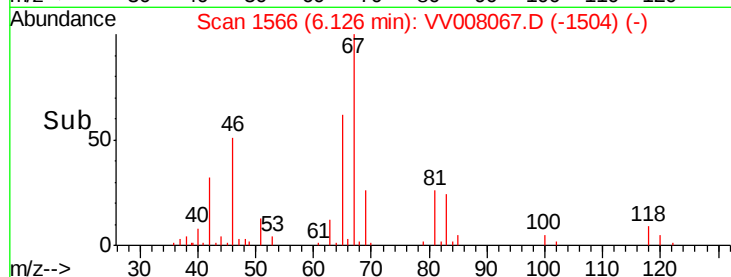
0

6.05

6.10

6.15

Time-->



#66

1,2-Dibromo-3-chloropropane

Concen: 0.635 ug/L

RT: 12.30 min Scan# 3486

Delta R.T. -0.18 min

Lab File: VV008067.D

Acq: 04 Oct 2018 17:48

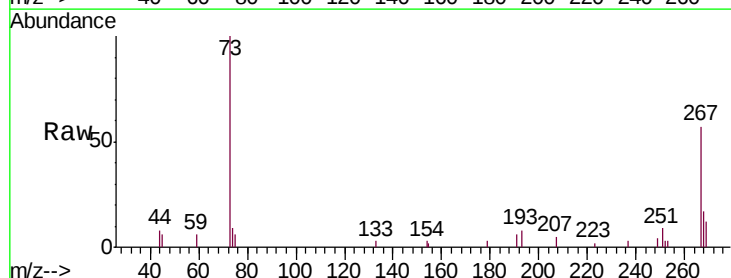
Tgt Ion: 75 Resp: 393

Ion Ratio Lower Upper

75 100

155 37.3 83.4 125.2#

157 0.0 93.9 140.9#



Abundance Ion 75.05 (74.75 to 75.75): VV008066.D (-3533) (-)

Ion 154.95 (154.65 to 155.65): VV008066.D (-3533) (-)

Ion 156.90 (156.60 to 157.60): VV008066.D (-3533) (-)

12.30

300

200

100

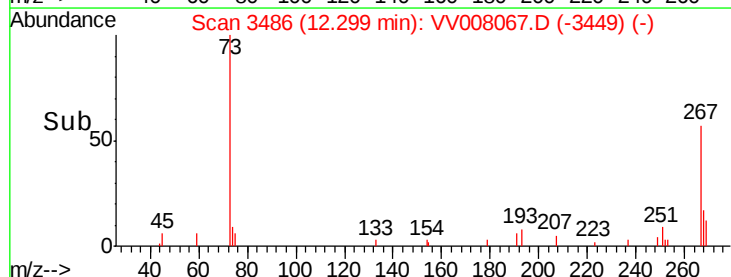
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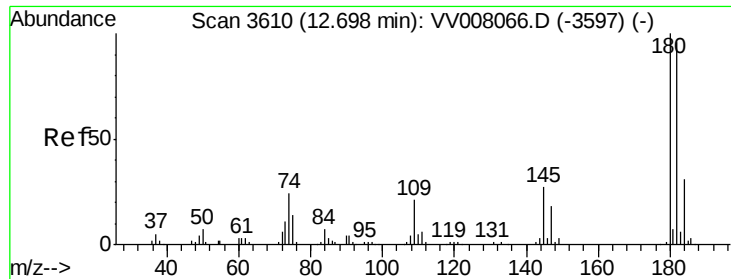
12.28

12.30

12.32

Time-->

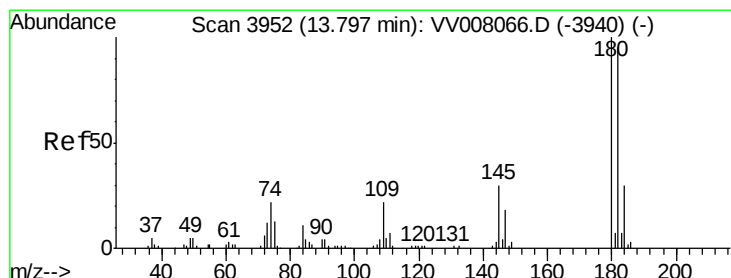
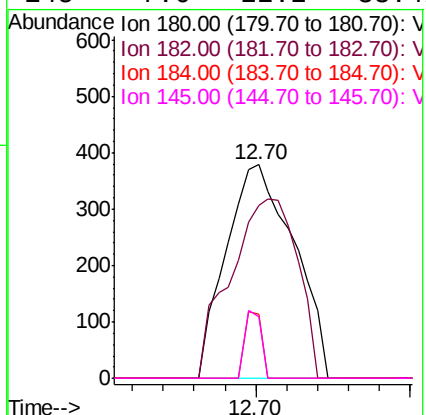
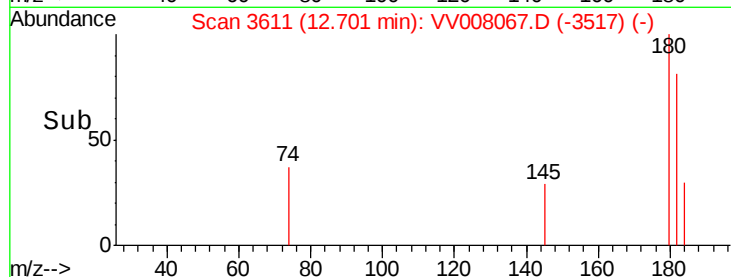
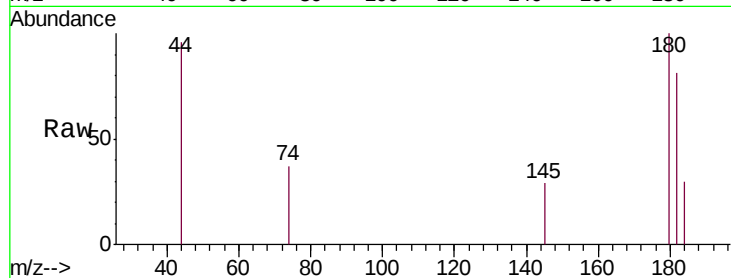




#67
 1,3,5-Trichlorobenzene
 Concen: 0.053 ug/L
 RT: 12.70 min Scan# 3611
 Delta R.T. 0.00 min
 Lab File: VV008067.D
 Acq: 04 Oct 2018 17:48

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK78

Tgt Ion:180 Resp: 580
 Ion Ratio Lower Upper
 180 100
 182 82.8 76.2 114.4
 184 7.8 24.5 36.7#
 145 7.6 22.2 33.4#



#70
 1,2,3-Trichlorobenzene
 Concen: 0.068 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. 0.00 min
 Lab File: VV008067.D
 Acq: 04 Oct 2018 17:48

Tgt Ion:180 Resp: 573
 Ion Ratio Lower Upper
 180 100
 182 85.2 75.7 113.5
 145 26.7 23.4 35.0

