

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072118\
 Data File : VV006691.D
 Acq On : 21 Jul 2018 17:46
 Operator : SY/MD
 Sample : J4078-12
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Jul 22 23:07:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jul 22 23:06:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	222349	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	203128	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85986	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69862	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.58	69	54204	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.13	63	101079	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	3.96	46	53073	15.66	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	31.32%#
24) Chloroform-d	4.41	84	125493	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.09	65	62903	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.10	84	274320	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.12	67	87882	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.36	98	233800	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.67	79	24019	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.14	63	136062	47.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.02%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	62026	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	81951	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

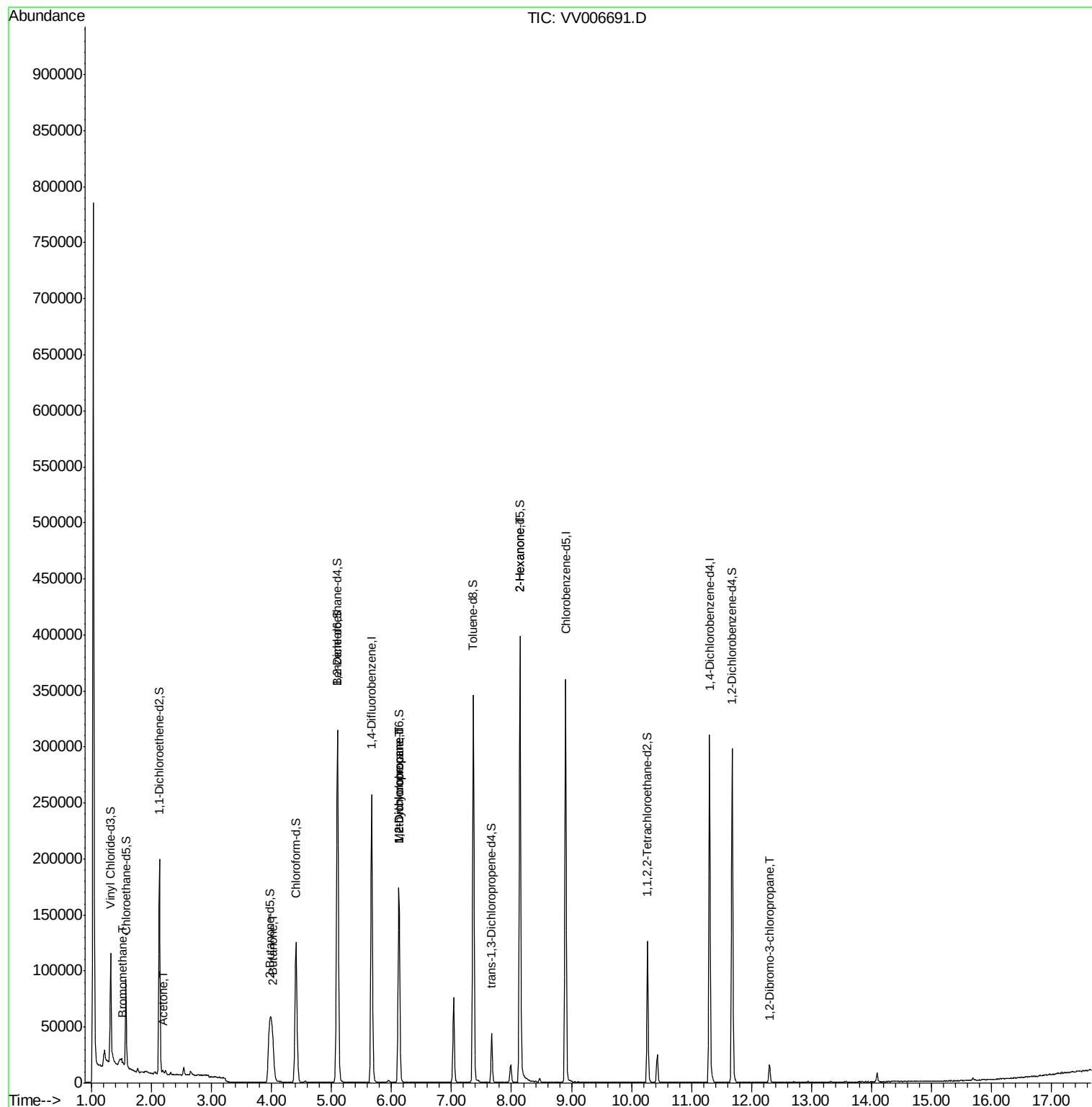
					Qvalue
6) Bromomethane	1.53	94	1477	0.226 ug/L	93
13) Acetone	2.19	43	1495	0.575 ug/L	53
21) 2-Butanone	4.03	43	28919	6.643 ug/L #	67
35) Methylcyclohexane	6.12	83	20426	0.677 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	8657	0.475 ug/L #	86
48) 2-Hexanone	8.14	43	15390	2.234 ug/L #	69
66) 1,2-Dibromo-3-chloropropan	12.30	75	398	0.223 ug/L #	1

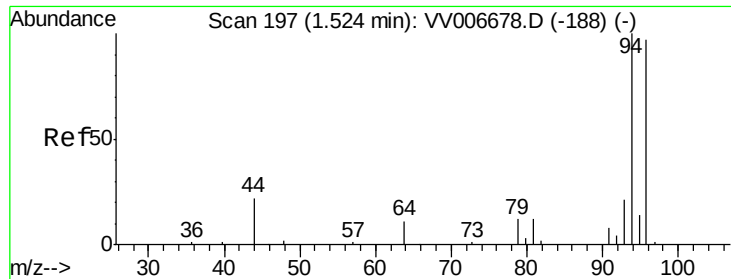
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.226 ug/L

RT: 1.53 min Scan# 198

Delta R.T. 0.00 min

Lab File: VV006691.D

Acq: 21 Jul 2018 17:46

Instrument :

MSVOA_V

ClientSampleId :

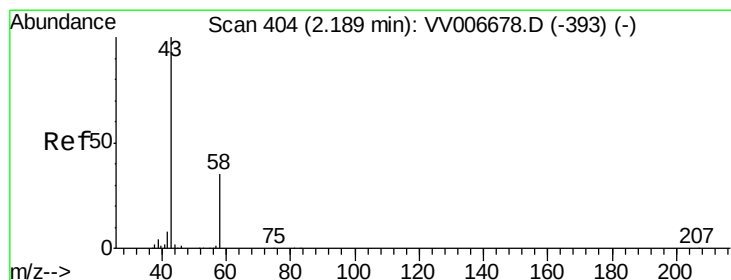
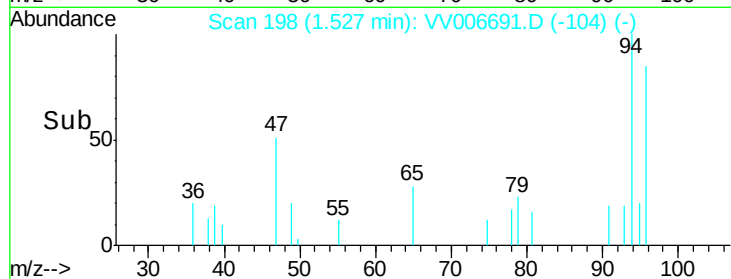
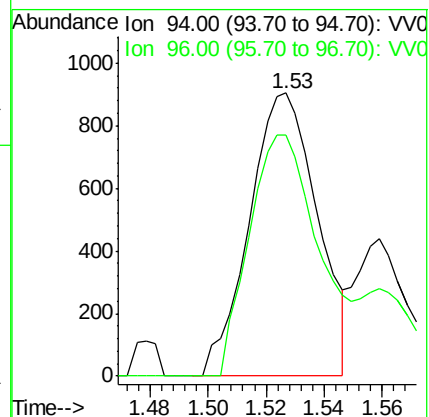
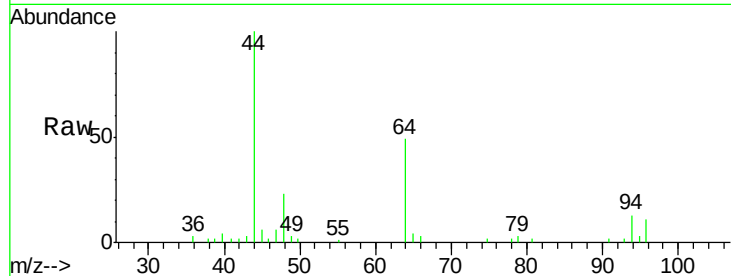
VHBLK01

Tgt Ion: 94 Resp: 1477

Ion Ratio Lower Upper

94 100

96 85.2 64.5 119.7



#13

Acetone

Concen: 0.575 ug/L

RT: 2.19 min Scan# 405

Delta R.T. 0.00 min

Lab File: VV006691.D

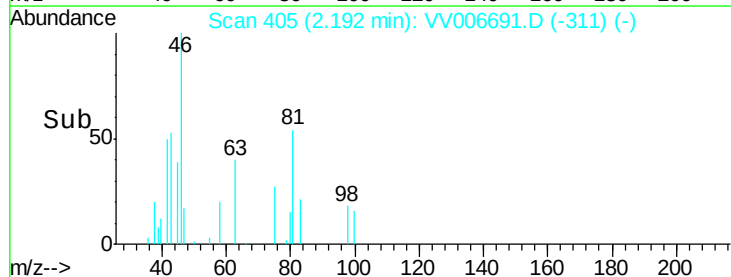
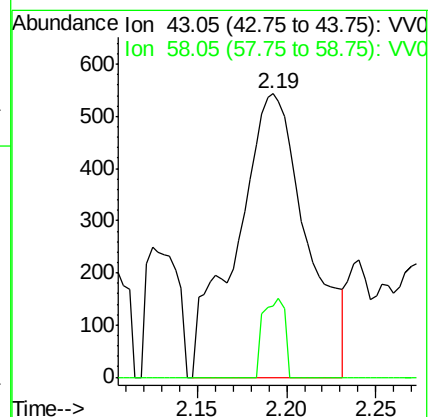
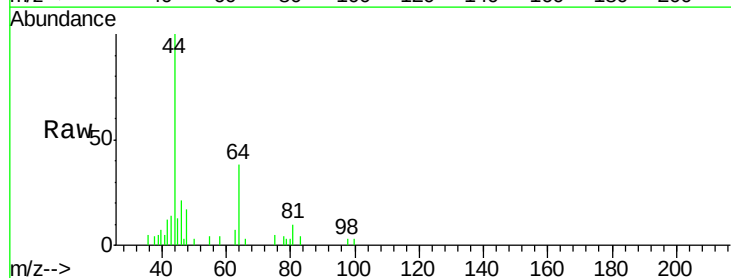
Acq: 21 Jul 2018 17:46

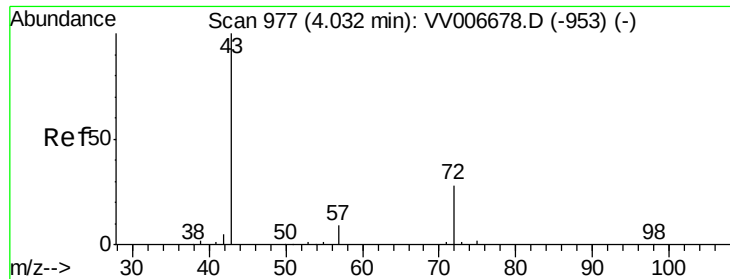
Tgt Ion: 43 Resp: 1495

Ion Ratio Lower Upper

43 100

58 8.7 0.0 72.8





#21

2-Butanone

Concen: 6.643 ug/L

RT: 4.03 min Scan# 975

Delta R.T. -0.01 min

Lab File: VV006691.D

Acq: 21 Jul 2018 17:46

Instrument :

MSVOA_V

ClientSampleId :

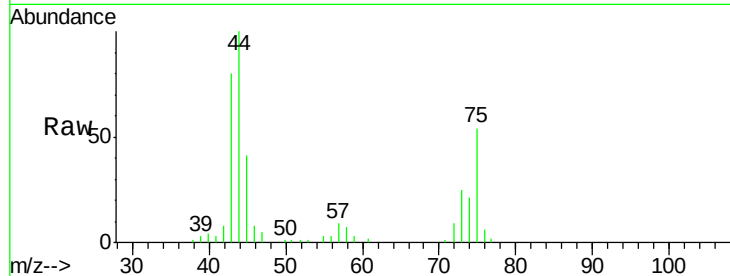
VHBLK01

Tgt Ion: 43 Resp: 28919

Ion Ratio Lower Upper

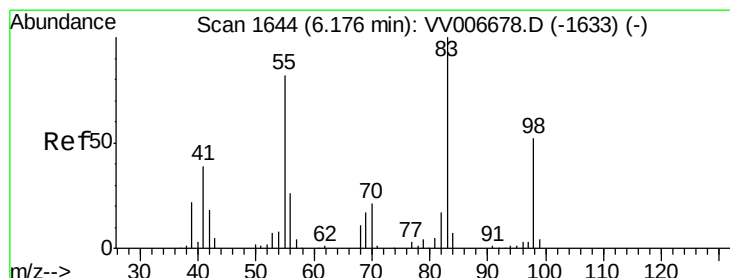
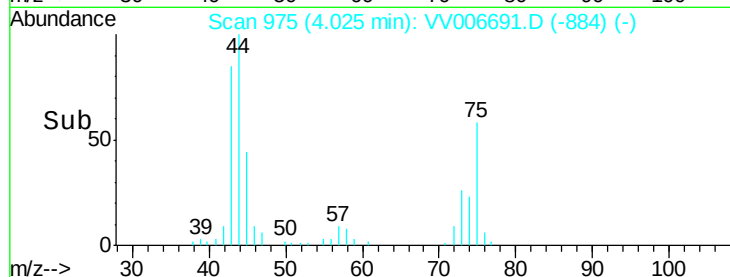
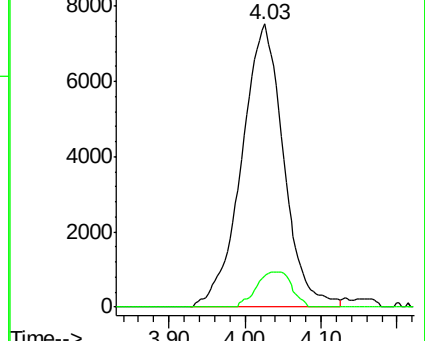
43 100

72 10.4 13.9 41.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#35

Methylcyclohexane

Concen: 0.677 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006691.D

Acq: 21 Jul 2018 17:46

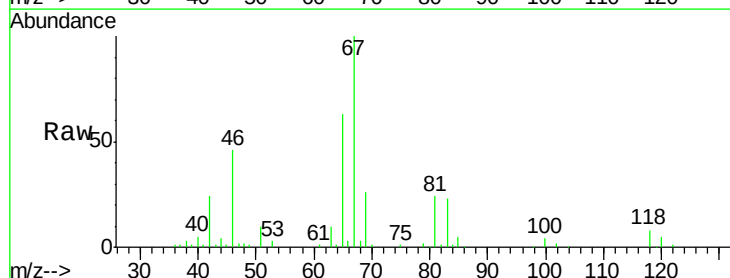
Tgt Ion: 83 Resp: 20426

Ion Ratio Lower Upper

83 100

55 0.0 61.3 91.9#

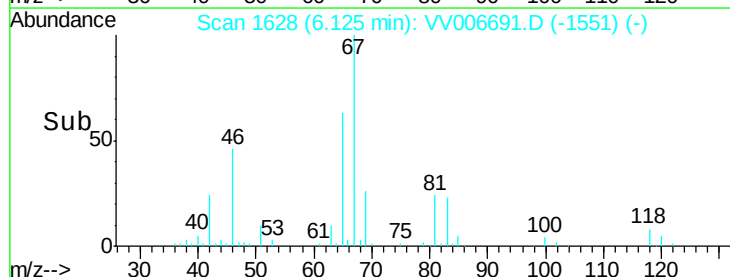
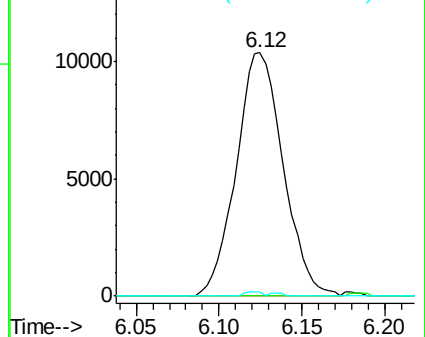
98 0.6 39.4 59.0#

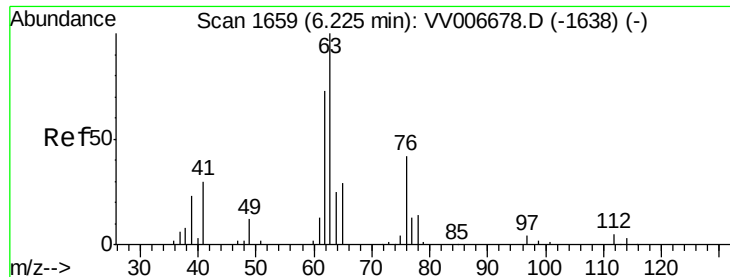


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

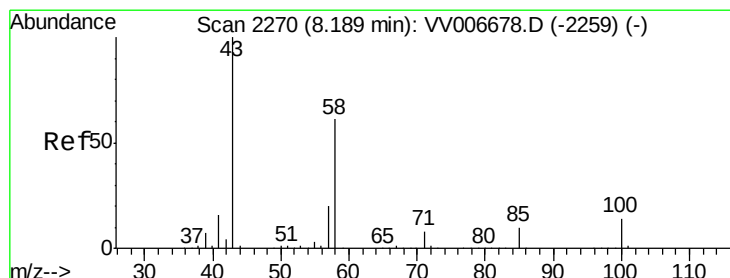
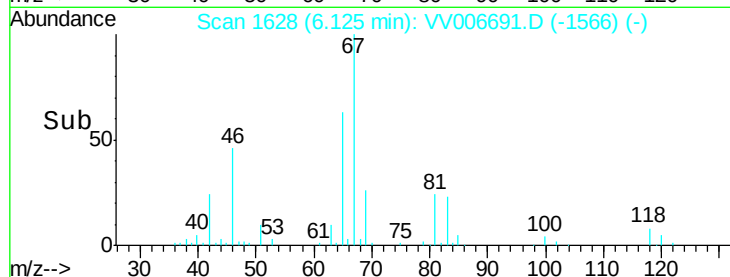
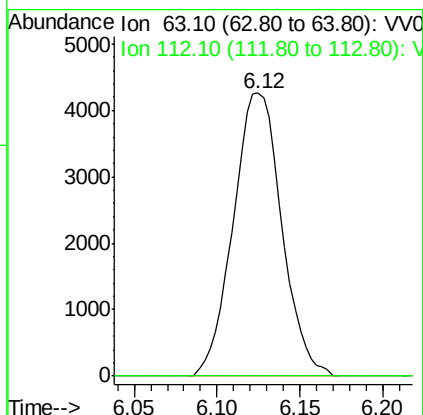
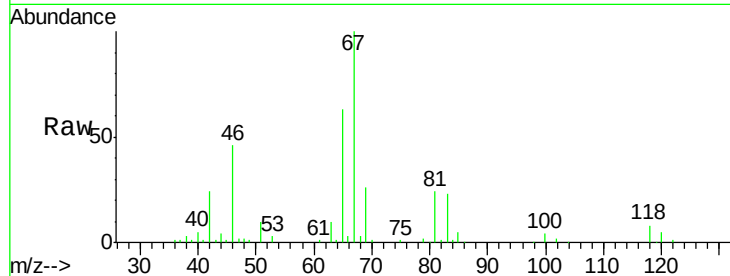




#37
 1,2-Dichloropropane
 Concen: 0.475 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006691.D
 Acq: 21 Jul 2018 17:46

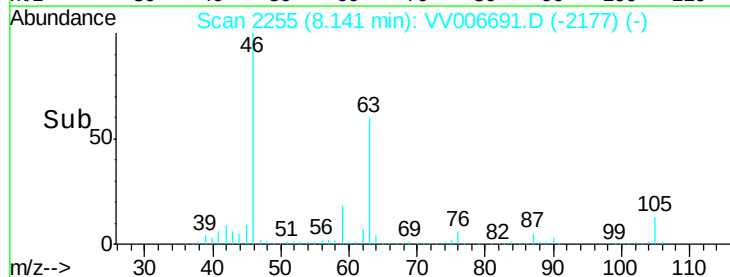
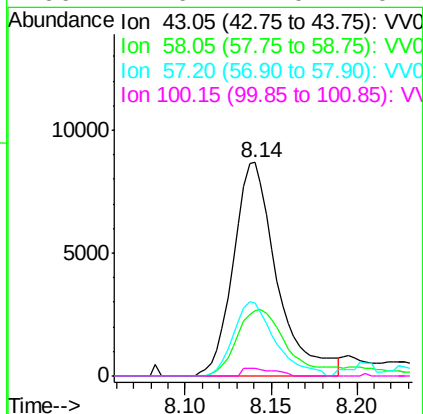
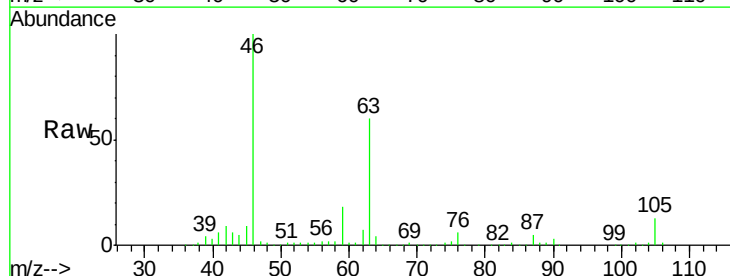
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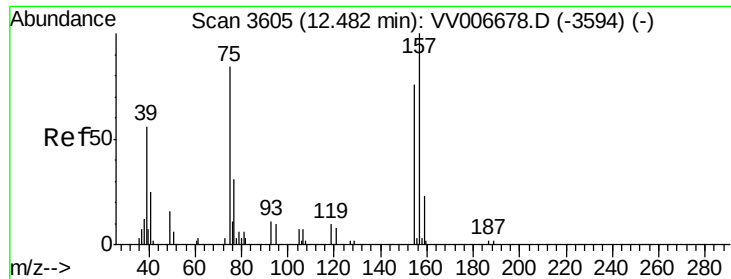
Tgt Ion: 63 Resp: 8657
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#48
 2-Hexanone
 Concen: 2.234 ug/L
 RT: 8.14 min Scan# 2255
 Delta R.T. -0.05 min
 Lab File: VV006691.D
 Acq: 21 Jul 2018 17:46

Tgt Ion: 43 Resp: 15390
 Ion Ratio Lower Upper
 43 100
 58 35.6 48.2 72.2#
 57 33.3 16.2 24.4#
 100 2.6 11.0 16.4#





#66

1,2-Dibromo-3-chloropropane

Concen: 0.223 ug/L

RT: 12.30 min Scan# 3548

Delta R.T. -0.18 min

Lab File: VV006691.D

Acq: 21 Jul 2018 17:46

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

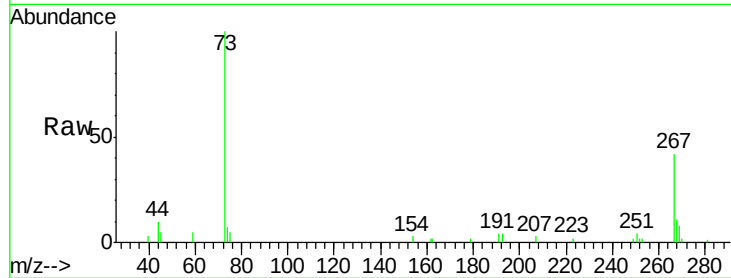
Tgt Ion: 75 Resp: 398

Ion Ratio Lower Upper

75 100

155 0.0 69.8 104.6#

157 0.0 95.0 142.6#



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

