

Data File : VV011405.D
Acq On : 11 Jun 2019 22:42
Operator : SY/MD
Sample : VV0610WBL04
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK55

Quant Time: Jun 12 04:42:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 12 04:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	137817	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	126520	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	49395	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37323	3.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.40%
7) Chloroethane-d5	1.56	69	35394	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.60%
11) 1,1-Dichloroethene-d2	2.12	63	62675	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	3.95	46	136552	58.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.16%
24) Chloroform-d	4.40	84	84404	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.08	65	51994	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.09	84	163897	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.12	67	53175	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.36	98	142395	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	7.66	79	14489	3.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.20%
46) 2-Hexanone-d5	8.13	63	98178	52.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37702	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	47091	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

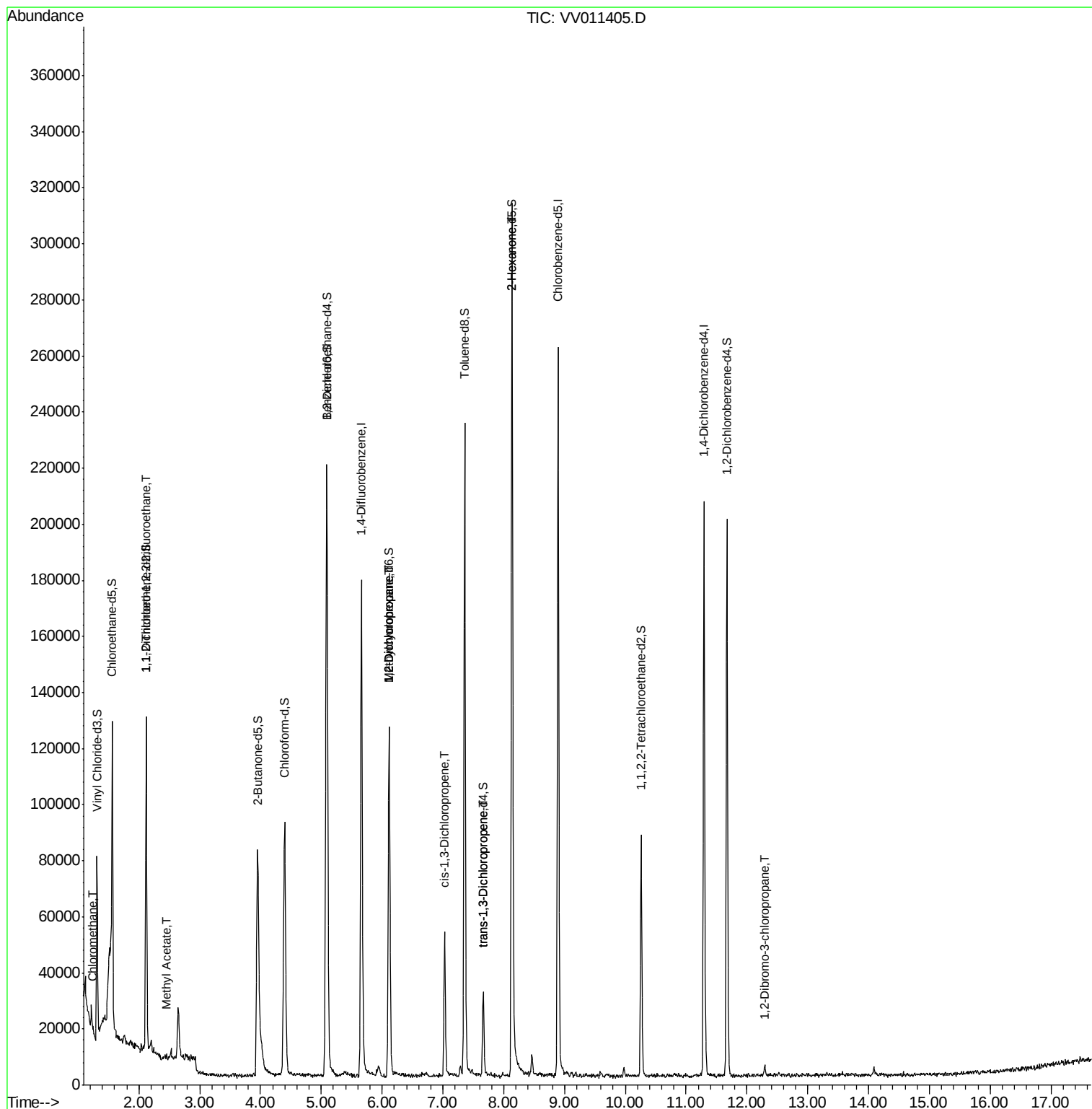
					Qvalue	
3) Chloromethane	1.25	50	2038	0.155	ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	726	0.081	ug/L #	29
15) Methyl Acetate	2.46	43	748	0.179	ug/L #	81
35) Methylcyclohexane	6.11	83	12887	0.749	ug/L #	17
37) 1,2-Dichloropropane	6.11	63	6691	0.668	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1666	0.114	ug/L #	70
44) trans-1,3-Dichloropropene	7.67	75	936	0.084	ug/L	84
48) 2-Hexanone	8.13	43	13651	3.068	ug/L #	74
66) 1,2-Dibromo-3-chloropropan	12.30	75	147	0.136	ug/L #	8

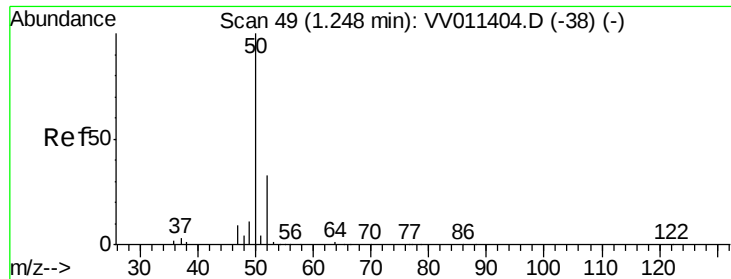
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.155 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011405.D

Acq: 11 Jun 2019 22:42

Instrument :

MSVOA_V

ClientSampleId :

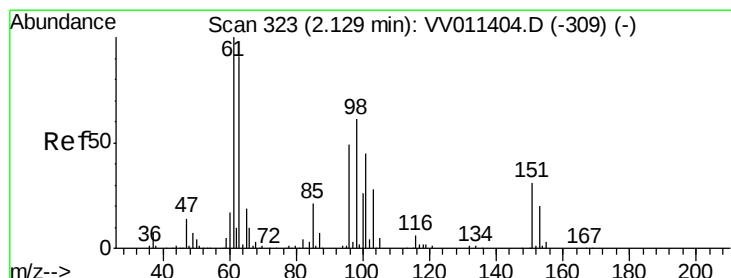
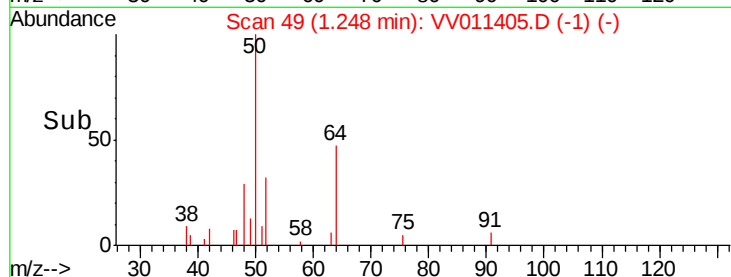
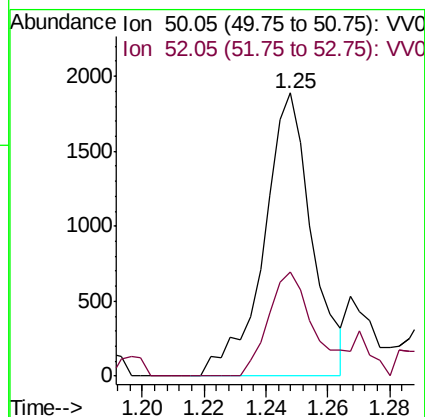
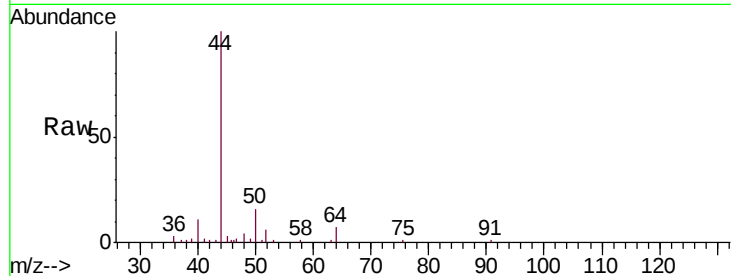
VBLK55

Tgt Ion: 50 Resp: 2038

Ion Ratio Lower Upper

50 100

52 37.0 22.3 41.5



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.081 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV011405.D

Acq: 11 Jun 2019 22:42

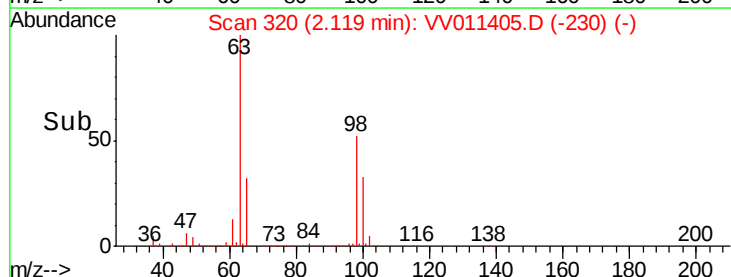
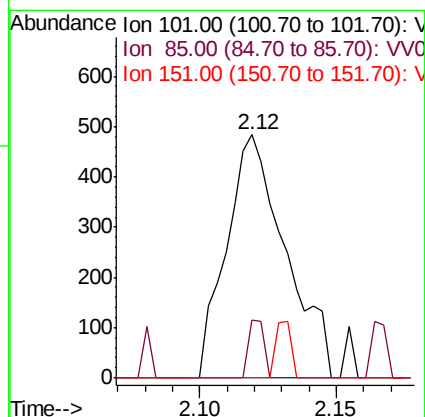
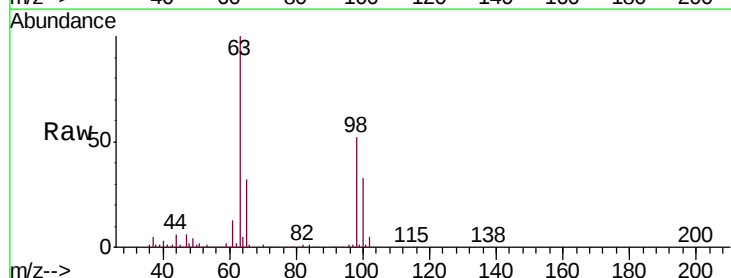
Tgt Ion: 101 Resp: 726

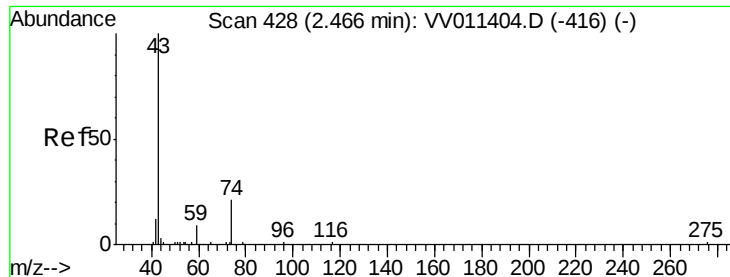
Ion Ratio Lower Upper

101 100

85 6.1 35.5 53.3#

151 5.9 56.9 85.3#

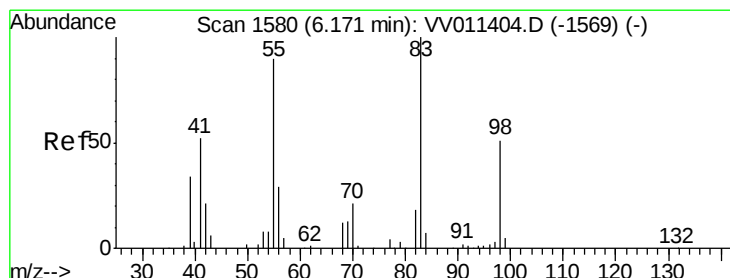
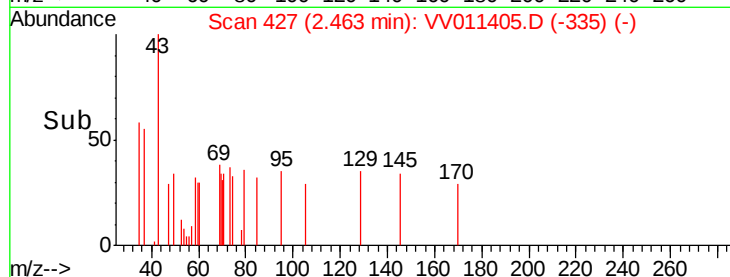
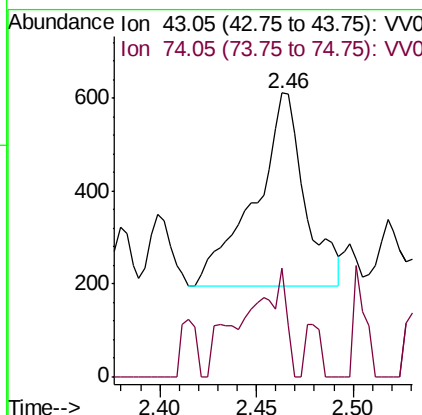
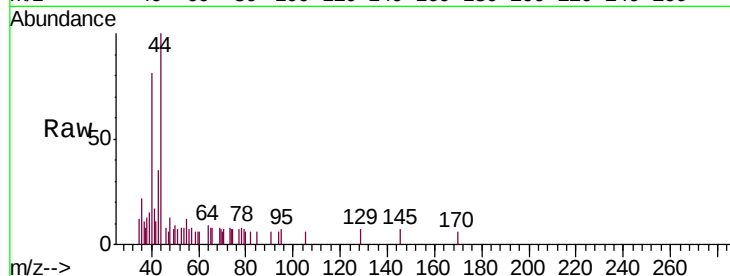




#15
Methyl Acetate
Concen: 0.179 ug/L
RT: 2.46 min Scan# 427
Delta R.T. -0.00 min
Lab File: VV011405.D
Acq: 11 Jun 2019 22:42

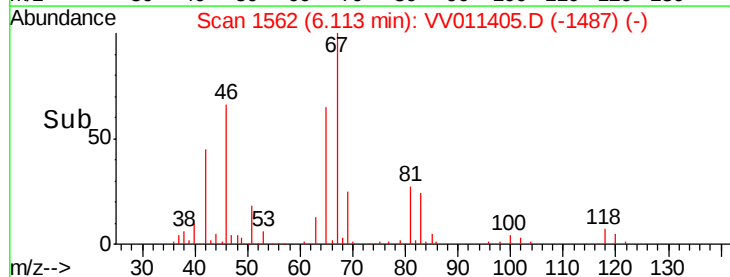
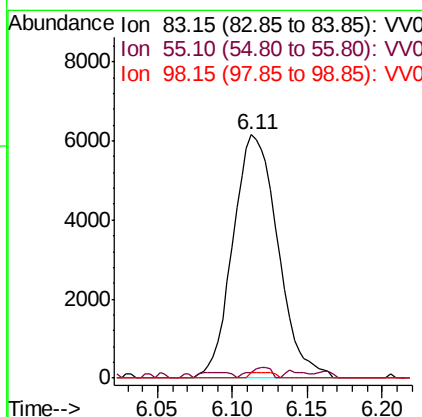
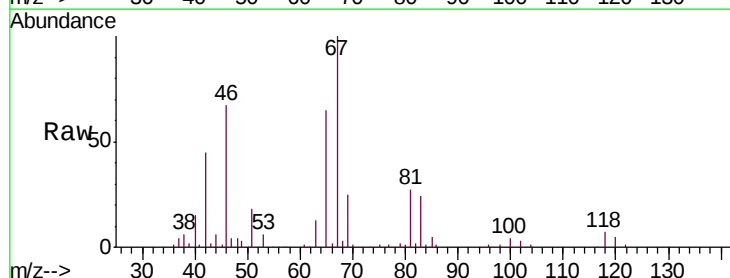
Instrument :
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VBLK55

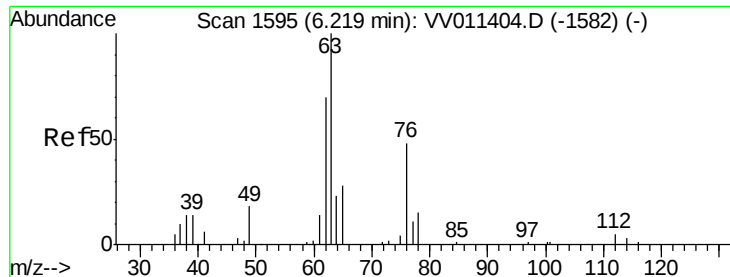
Tgt Ion: 43 Resp: 748
Ion Ratio Lower Upper
43 100
74 32.2 18.5 27.7#



#35
Methylcyclohexane
Concen: 0.749 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011405.D
Acq: 11 Jun 2019 22:42

Tgt Ion: 83 Resp: 12887
Ion Ratio Lower Upper
83 100
55 2.0 67.0 100.6#
98 1.2 40.0 60.0#

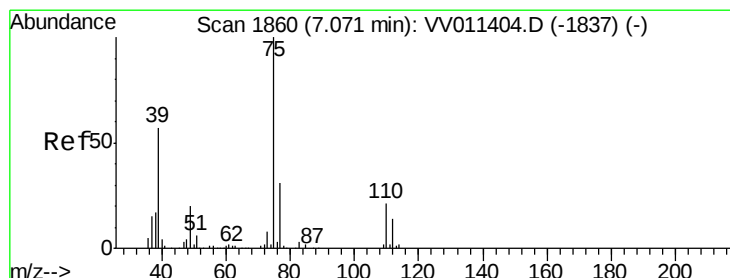
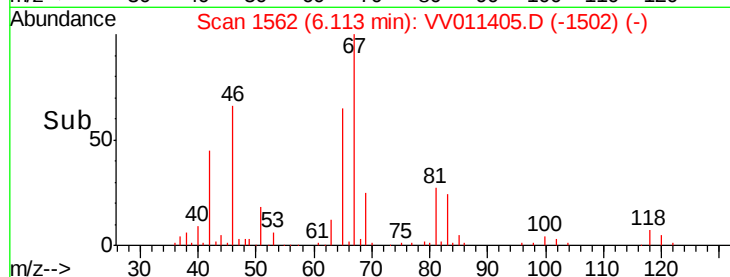
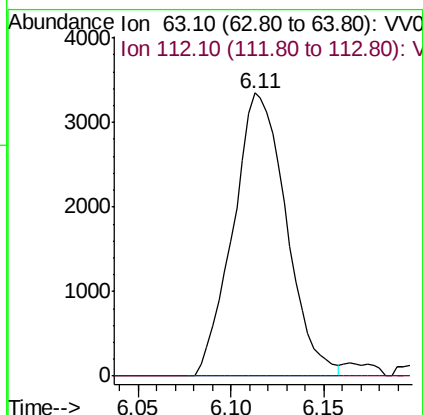
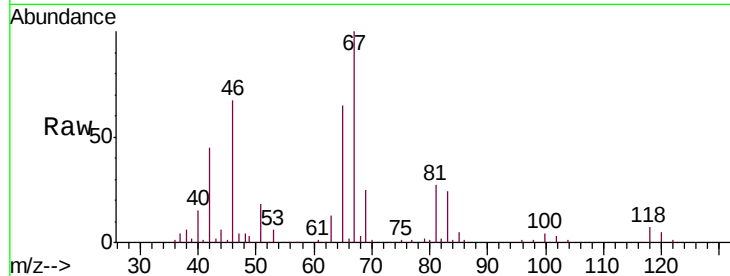




#37
 1,2-Dichloropropane
 Concen: 0.668 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV011405.D
 Acq: 11 Jun 2019 22:42

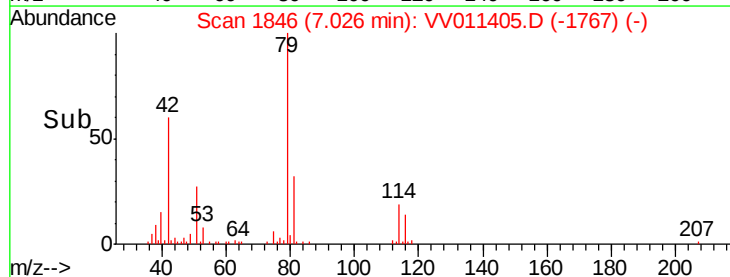
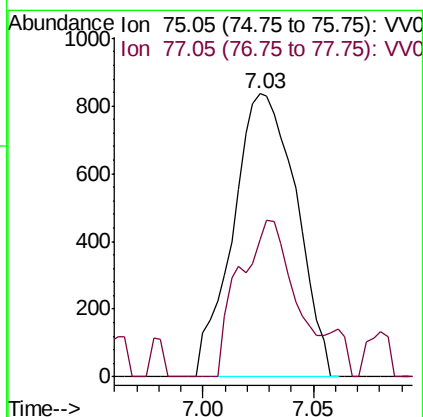
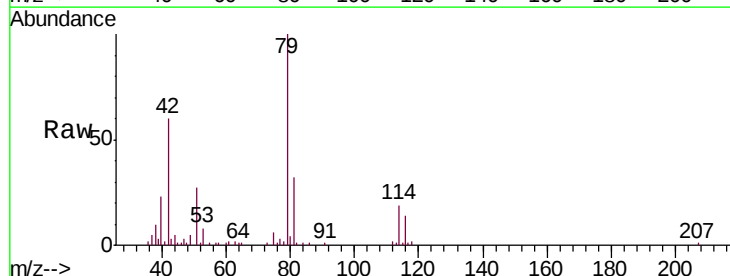
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK55

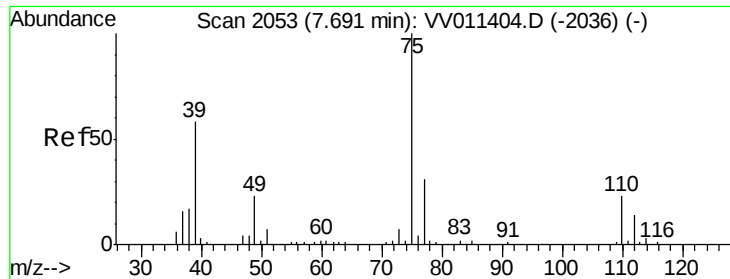
Tgt Ion: 63 Resp: 6691
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV011405.D
 Acq: 11 Jun 2019 22:42

Tgt Ion: 75 Resp: 1666
 Ion Ratio Lower Upper
 75 100
 77 48.6 22.2 41.2#





#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.02 min

Lab File: VV011405.D

Acq: 11 Jun 2019 22:42

Instrument :

MSVOA_V

ClientSampled :

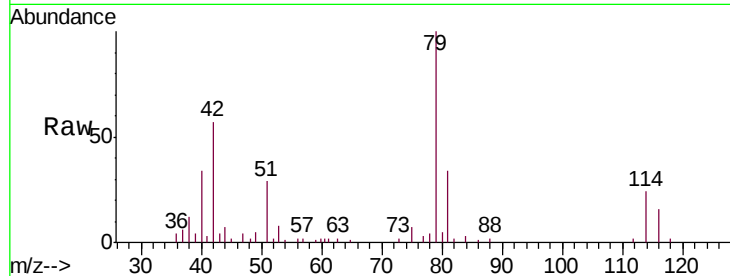
VBLK55

Tgt Ion: 75 Resp: 936

Ion Ratio Lower Upper

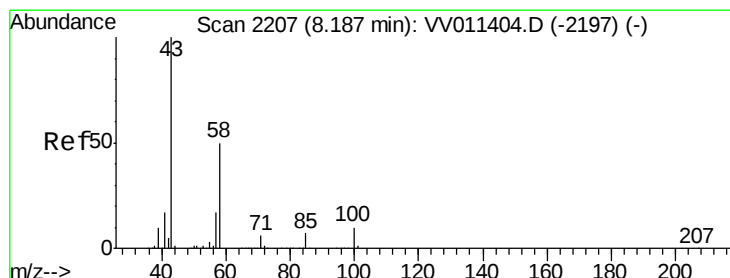
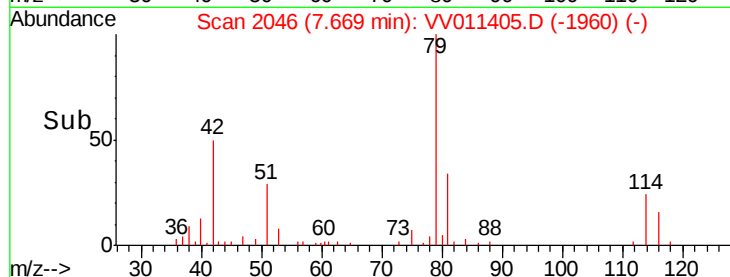
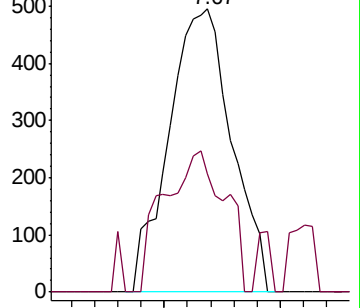
75 100

77 41.8 23.1 42.9



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 3.068 ug/L

RT: 8.13 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV011405.D

Acq: 11 Jun 2019 22:42

Tgt Ion: 43 Resp: 13651

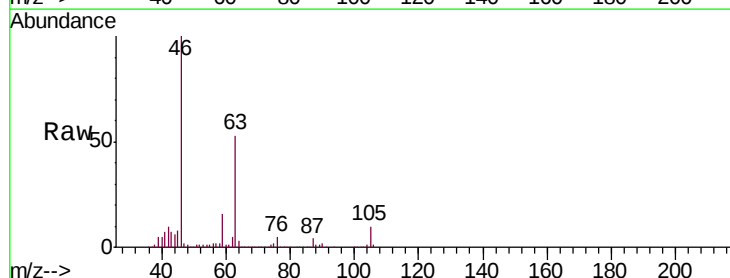
Ion Ratio Lower Upper

43 100

58 31.3 41.4 62.0#

57 26.5 15.0 22.4#

100 2.4 9.0 13.4#

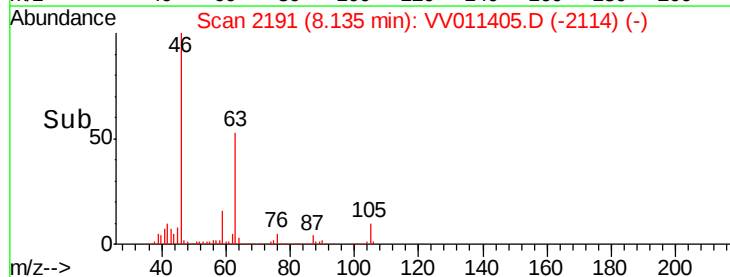
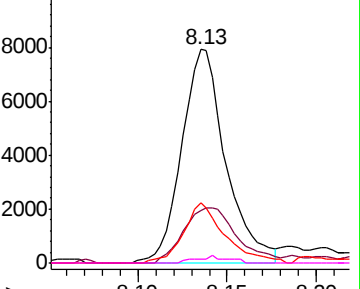


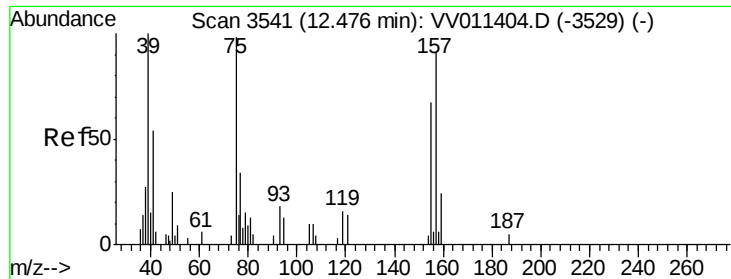
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#66

1,2-Dibromo-3-chloropropane

Concen: 0.136 ug/L

RT: 12.30 min Scan# 3485

Delta R.T. -0.18 min

Lab File: VV011405.D

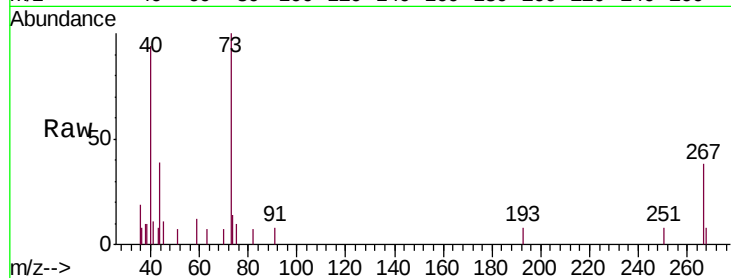
Acq: 11 Jun 2019 22:42

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VBLK55



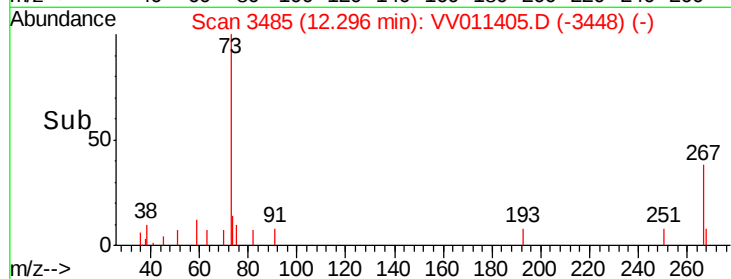
Tgt Ion: 75 Resp: 147

Ion Ratio Lower Upper

75 100

155 0.0 64.4 96.6#

157 0.0 66.7 100.1#



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

