

Data File : VV011408.D
Acq On : 12 Jun 2019 00:07
Operator : SY/MD
Sample : K3289-02
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCL6

Quant Time: Jun 12 04:42:26 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	137953	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	126750	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48984	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30750	2.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.80%
7) Chloroethane-d5	1.55	69	29941	3.45	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.00%
11) 1,1-Dichloroethene-d2	2.12	63	50985	2.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.80%#
20) 2-Butanone-d5	3.94	46	137017	58.22	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.44%
24) Chloroform-d	4.40	84	76493	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	5.08	65	46524	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.09	84	141500	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.60%
36) 1,2-Dichloropropane-d6	6.11	67	47259	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.00%
41) Toluene-d8	7.36	98	122380	3.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.20%
43) trans-1,3-Dichloropropene-	7.66	79	12848	2.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.80%
46) 2-Hexanone-d5	8.13	63	99978	53.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39587	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	43245	4.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.40%

Target Compounds

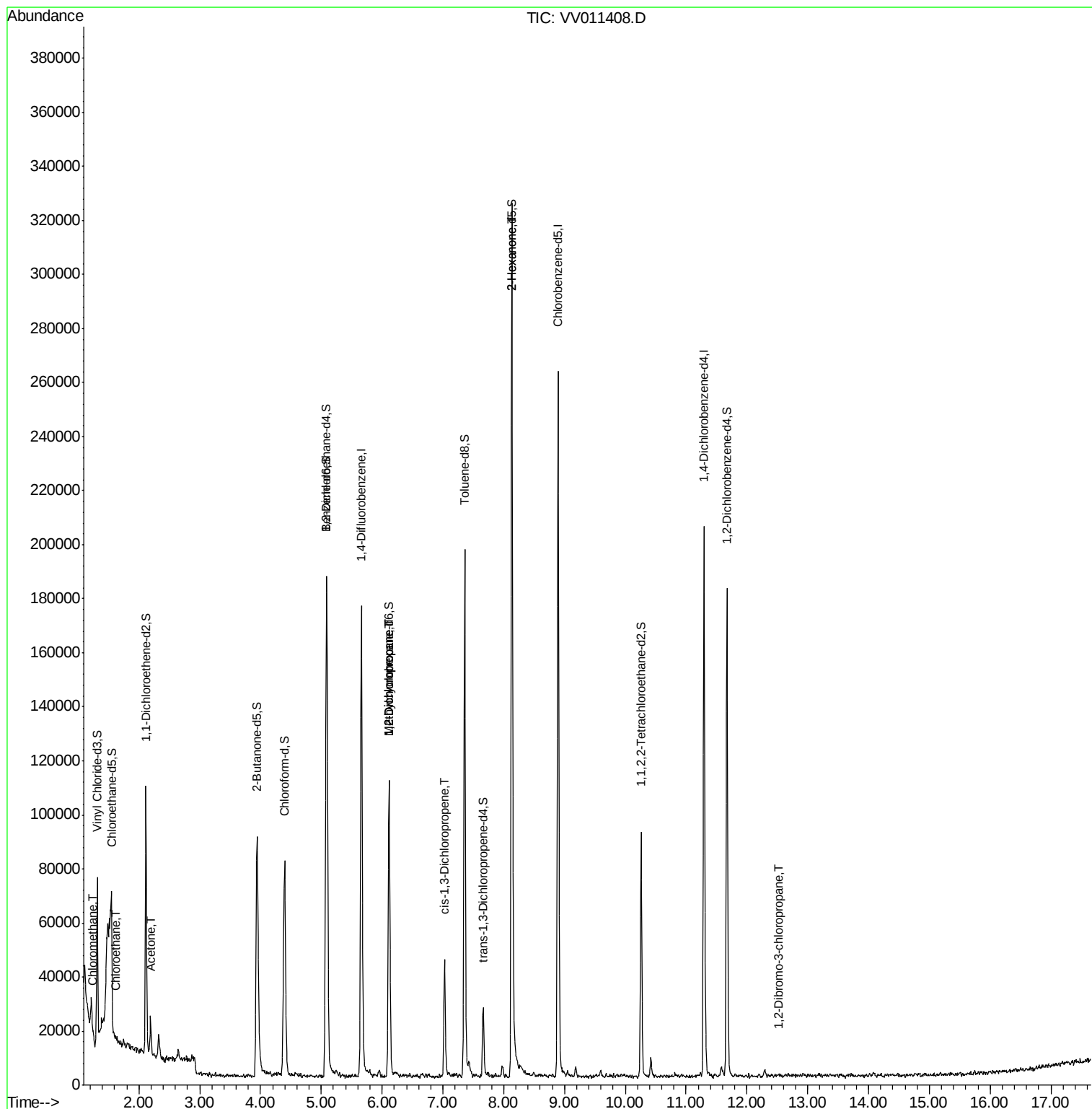
					Qvalue
3) Chloromethane	1.25	50	2185	0.166 ug/L	83
8) Chloroethane	1.61	64	967	0.119 ug/L #	56
13) Acetone	2.19	43	5202	3.297 ug/L	95
35) Methylcyclohexane	6.11	83	11505	0.668 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6243	0.622 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1430	0.097 ug/L #	81
48) 2-Hexanone	8.14	43	13970	3.134 ug/L #	72
66) 1,2-Dibromo-3-chloropropan	12.53	75	95	0.089 ug/L #	8

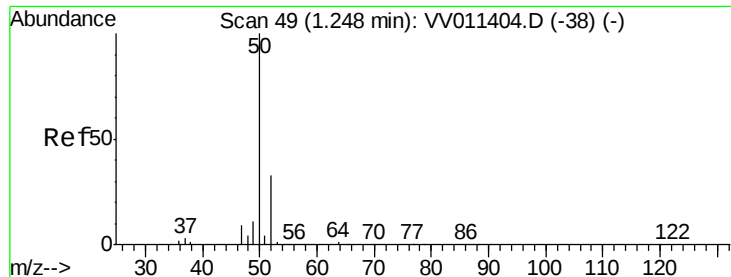
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.166 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011408.D

Acq: 12 Jun 2019 00:07

Instrument :

MSVOA_V

ClientSampleId :

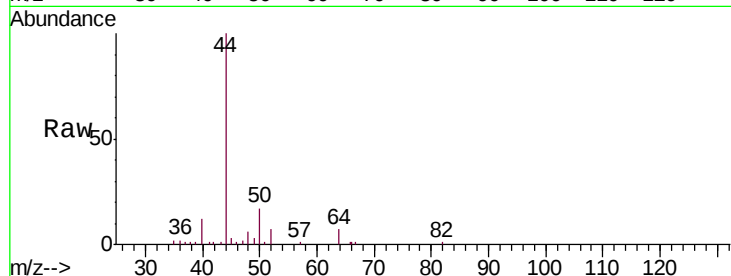
BFCL6

Tgt Ion: 50 Resp: 2185

Ion Ratio Lower Upper

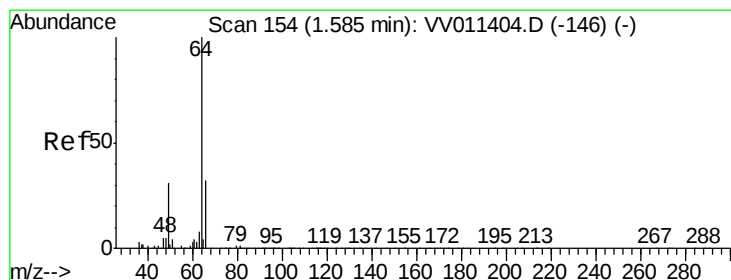
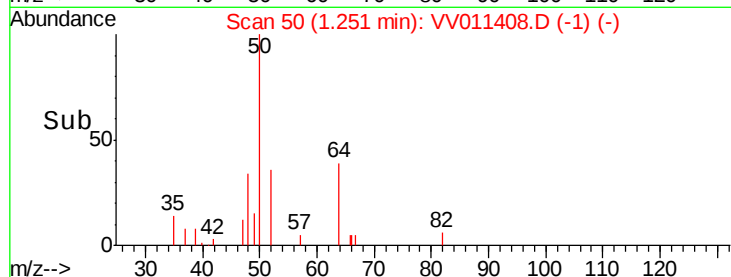
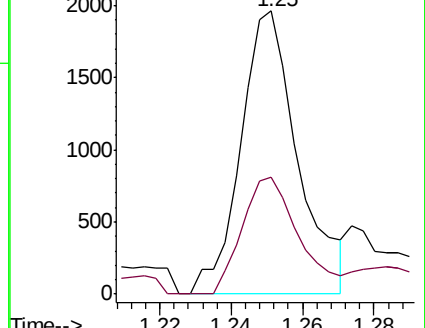
50 100

52 41.3 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV011408.D (-38) (-)

Ion 52.05 (51.75 to 52.75): VV011408.D (-38) (-)



#8

Chloroethane

Concen: 0.119 ug/L

RT: 1.61 min Scan# 163

Delta R.T. 0.03 min

Lab File: VV011408.D

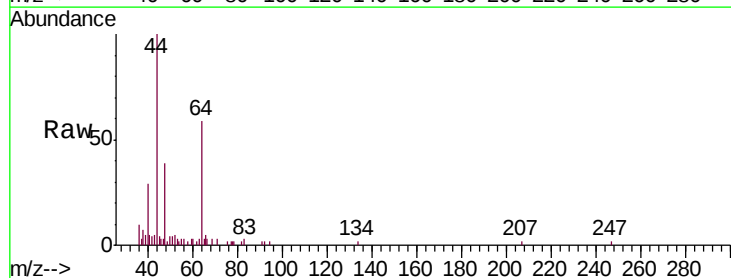
Acq: 12 Jun 2019 00:07

Tgt Ion: 64 Resp: 967

Ion Ratio Lower Upper

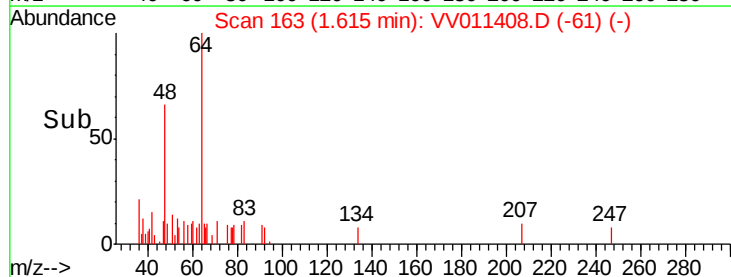
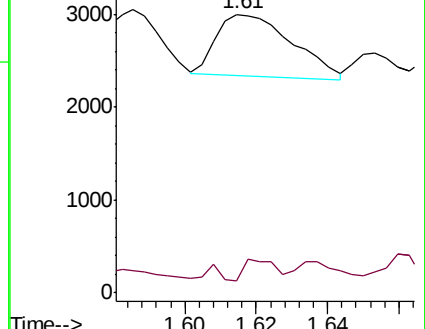
64 100

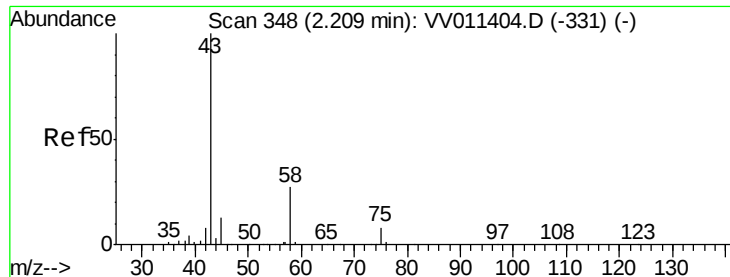
66 4.5 19.4 36.0#



Abundance Ion 64.10 (63.80 to 64.80): VV011408.D (-146) (-)

Ion 66.05 (65.75 to 66.75): VV011408.D (-146) (-)





#13

Acetone

Concen: 3.297 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.02 min

Lab File: VV011408.D

Acq: 12 Jun 2019 00:07

Instrument :

MSVOA_V

ClientSampleId :

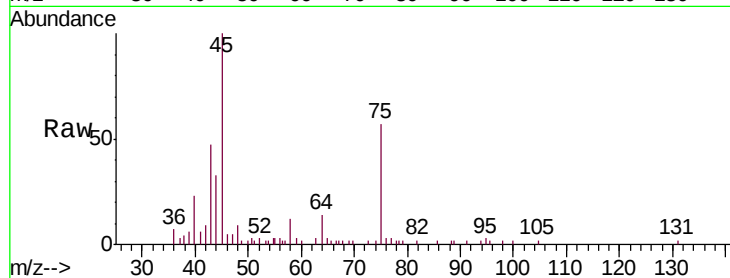
BFCL6

Tgt Ion: 43 Resp: 5202

Ion Ratio Lower Upper

43 100

58 25.0 0.0 55.2



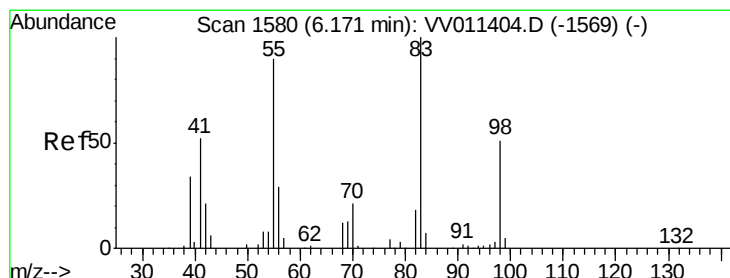
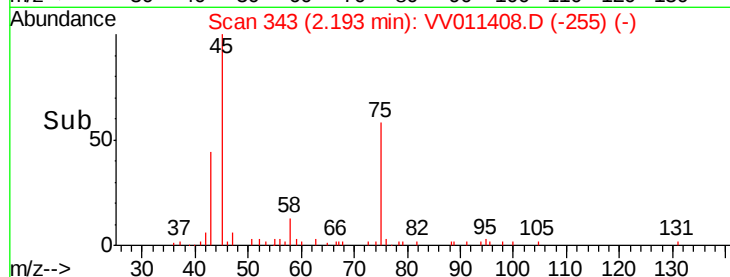
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.19

2.10 2.15 2.20 2.25

Time-->



#35

Methylcyclohexane

Concen: 0.668 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV011408.D

Acq: 12 Jun 2019 00:07

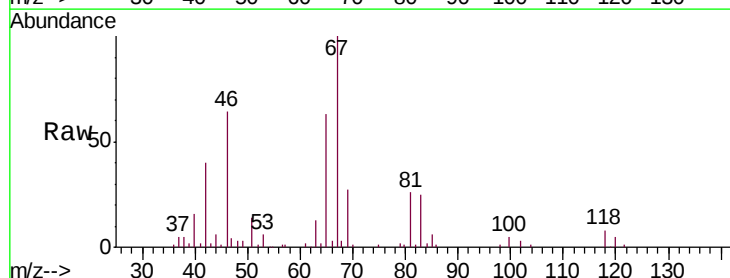
Tgt Ion: 83 Resp: 11505

Ion Ratio Lower Upper

83 100

55 2.1 67.0 100.6#

98 1.1 40.0 60.0#



Abundance Ion 83.15 (82.85 to 83.85): VV0

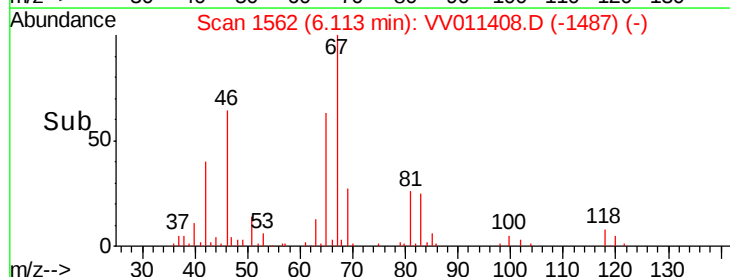
Ion 55.10 (54.80 to 55.80): VV0

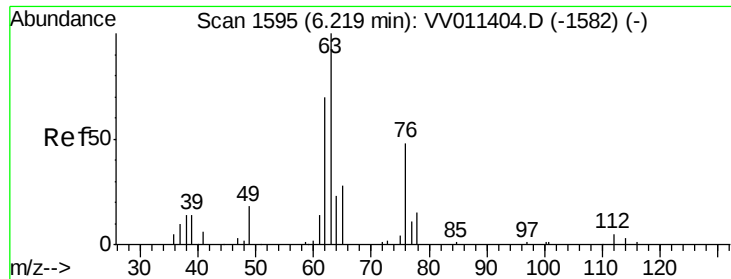
Ion 98.15 (97.85 to 98.85): VV0

6.11

6.05 6.10 6.15

Time-->

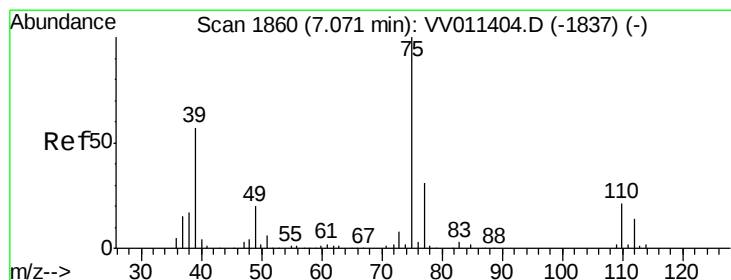
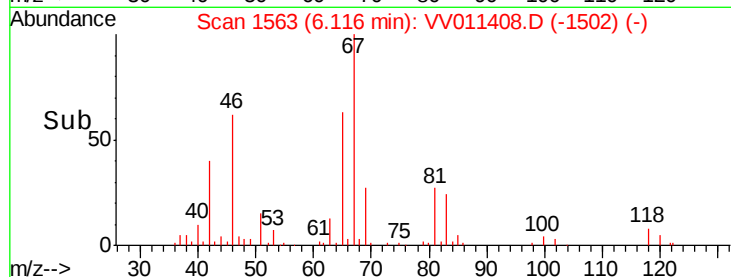
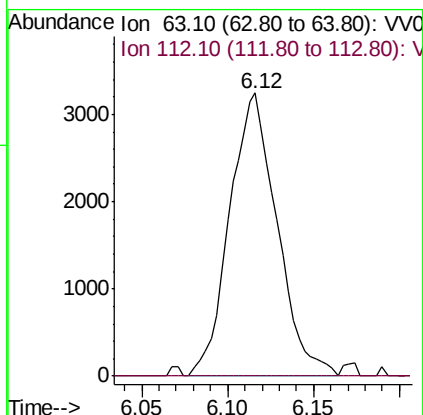
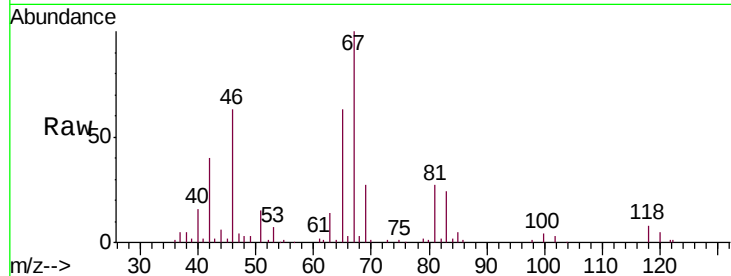




#37
 1,2-Dichloropropane
 Concen: 0.622 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011408.D
 Acq: 12 Jun 2019 00:07

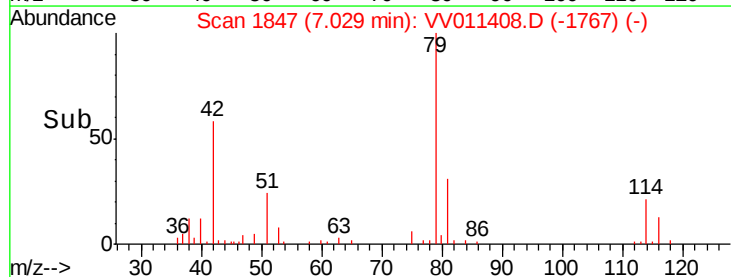
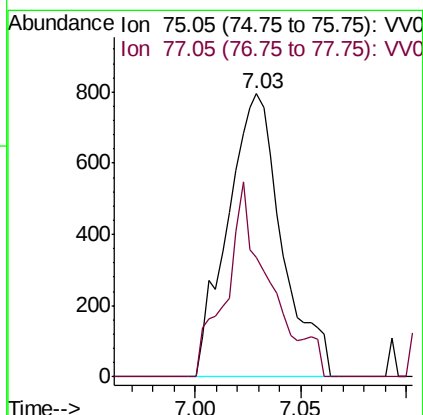
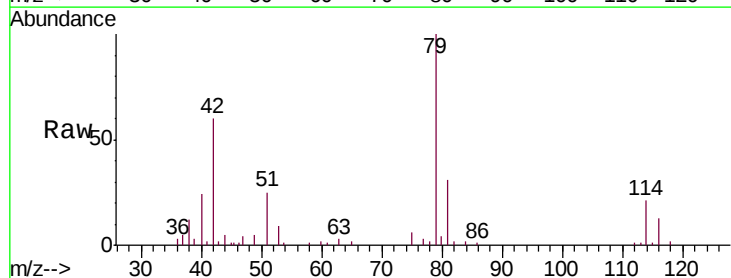
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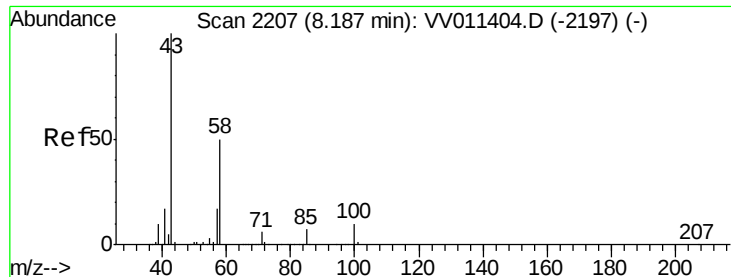
Tgt Ion: 63 Resp: 6243
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011408.D
 Acq: 12 Jun 2019 00:07

Tgt Ion: 75 Resp: 1430
 Ion Ratio Lower Upper
 75 100
 77 42.4 22.2 41.2#

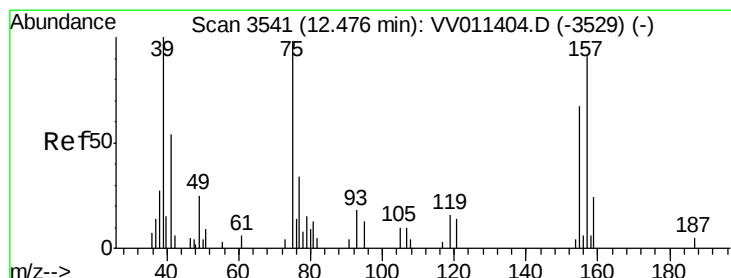
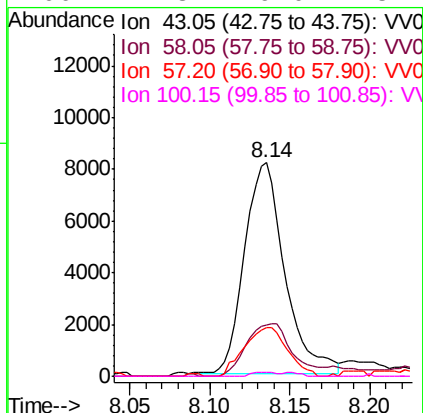
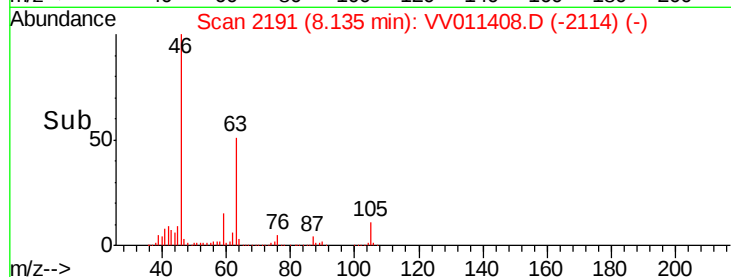
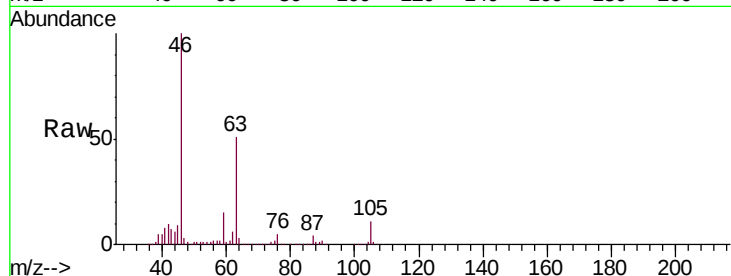




#48
2-Hexanone
Concen: 3.134 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV011408.D
Acq: 12 Jun 2019 00:07

Instrument :
MSVOA_V
ClientSampled :
BFCL6

Tgt Ion: 43 Resp: 13970
Ion Ratio Lower Upper
43 100
58 28.4 41.4 62.0#
57 24.9 15.0 22.4#
100 1.3 9.0 13.4#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.089 ug/L
RT: 12.53 min Scan# 3557
Delta R.T. 0.05 min
Lab File: VV011408.D
Acq: 12 Jun 2019 00:07

Tgt Ion: 75 Resp: 95
Ion Ratio Lower Upper
75 100
155 0.0 64.4 96.6#
157 0.0 66.7 100.1#

