

Data File : VV011409.D
Acq On : 12 Jun 2019 00:35
Operator : SY/MD
Sample : K3289-03
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCL8

Quant Time: Jun 12 04:42:34 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	136023	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	130039	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	52706	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31083	3.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.40%
7) Chloroethane-d5	1.55	69	29907	3.49	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.80%
11) 1,1-Dichloroethene-d2	2.12	63	57862	2.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.20%#
20) 2-Butanone-d5	3.94	46	143995	62.05	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.10%
24) Chloroform-d	4.40	84	78770	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.08	65	48506	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.09	84	144306	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.20%
36) 1,2-Dichloropropane-d6	6.11	67	48670	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.20%
41) Toluene-d8	7.36	98	119671	3.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.00%#
43) trans-1,3-Dichloropropene-	7.66	79	13252	2.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.00%
46) 2-Hexanone-d5	8.13	63	102564	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	39908	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	43575	4.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.80%

Target Compounds

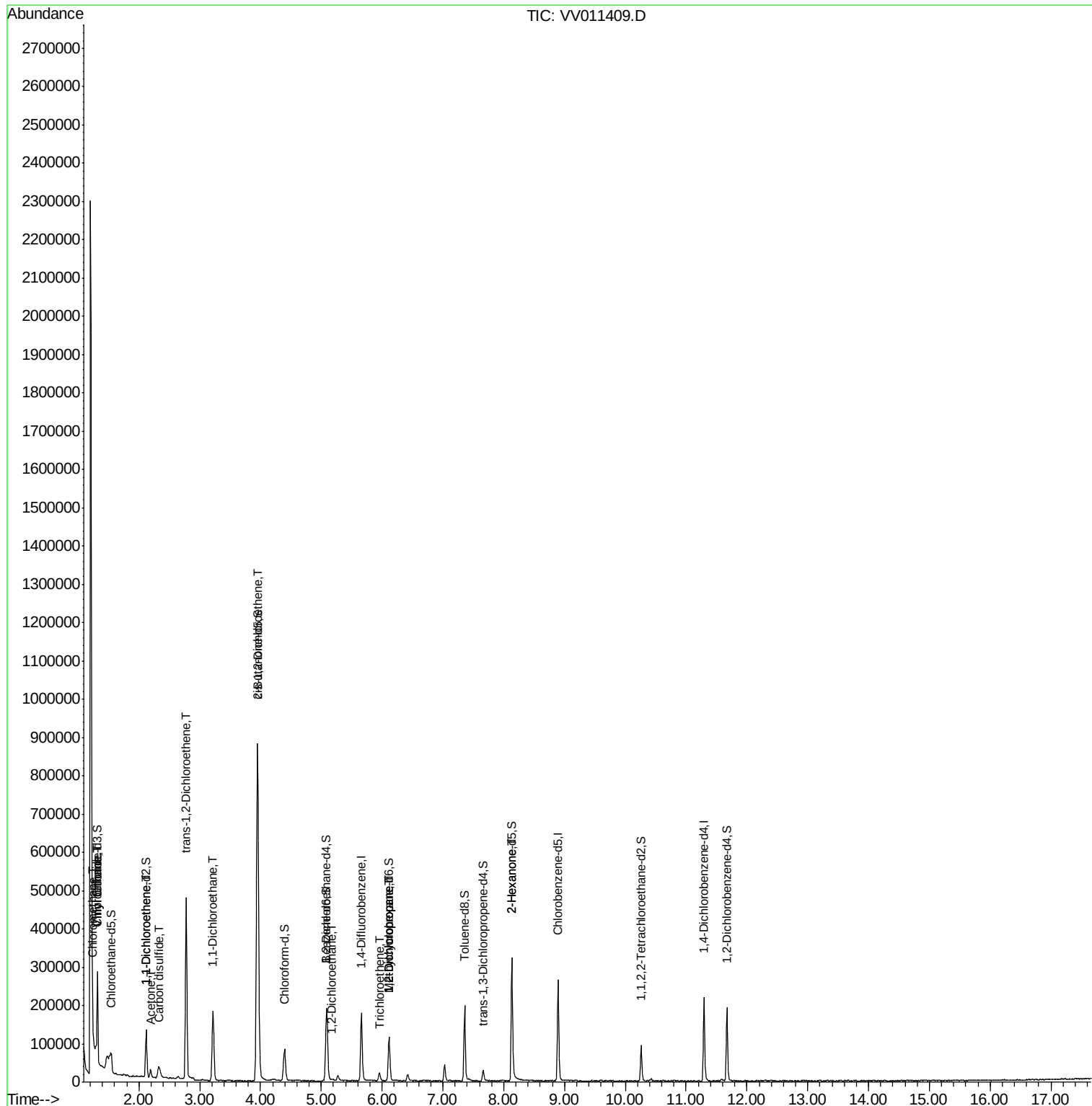
						Qvalue
3) Chloromethane	1.25	50	3382	0.261	ug/L #	73
5) Vinyl chloride	1.32	62	92124	7.361	ug/L #	53
8) Chloroethane	1.32	64	59334	7.419	ug/L #	55
12) 1,1-Dichloroethene	2.13	96	12949	1.511	ug/L #	71
13) Acetone	2.19	43	4763	3.061	ug/L	90
14) Carbon disulfide	2.34	76	52308	2.012	ug/L #	93
18) trans-1,2-Dichloroethene	2.78	96	153981	16.048	ug/L	95
19) 1,1-Dichloroethane	3.22	63	177955	9.402	ug/L	99
22) cis-1,2-Dichloroethene	3.95	96	410331	38.614	ug/L #	98
27) 1,2-Dichloroethane	5.18	62	2847	0.238	ug/L #	84
34) Trichloroethene	5.96	95	7121	0.666	ug/L	92
35) Methylcyclohexane	6.12	83	11962	0.677	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	6533	0.634	ug/L #	86
48) 2-Hexanone	8.14	43	14312	3.129	ug/L #	71

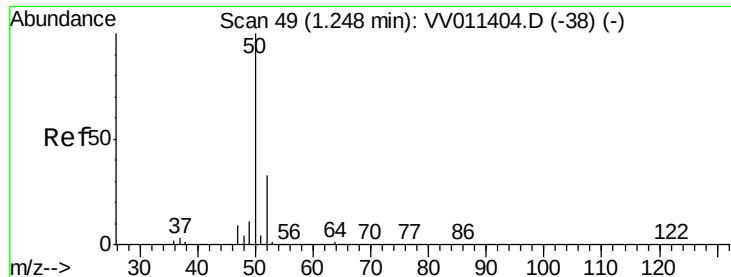
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.261 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011409.D

Acq: 12 Jun 2019 00:35

Instrument :

MSVOA_V

ClientSampleId :

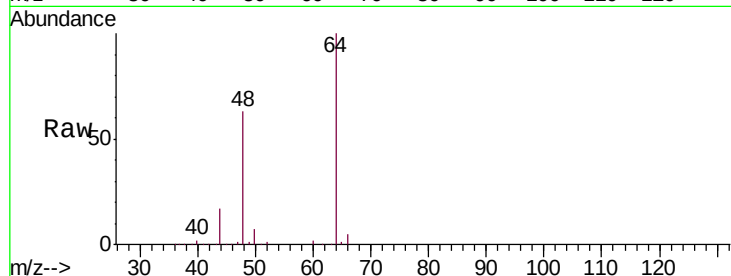
BFCL8

Tgt Ion: 50 Resp: 3382

Ion Ratio Lower Upper

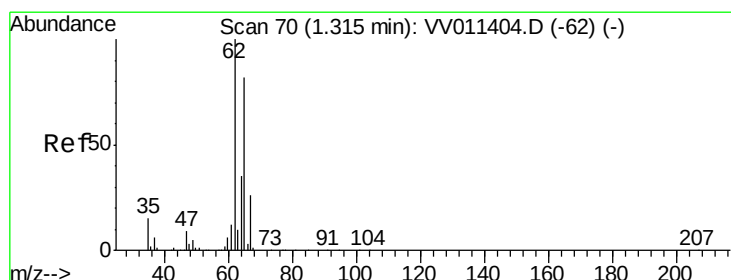
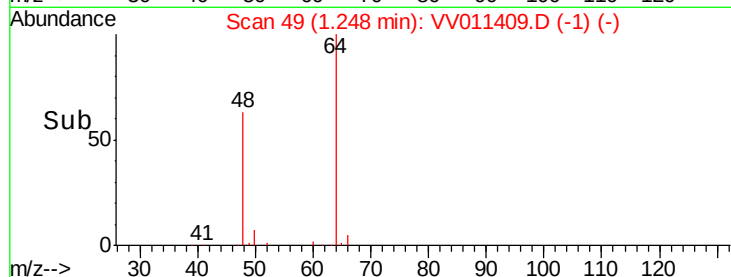
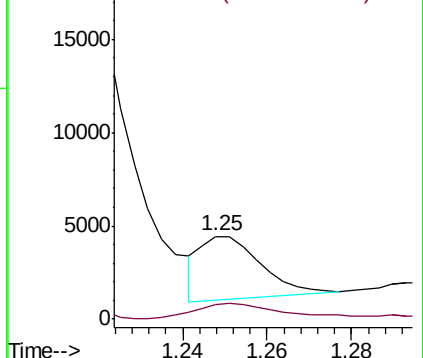
50 100

52 16.9 22.3 41.5#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#5

Vinyl chloride

Concen: 7.361 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV011409.D

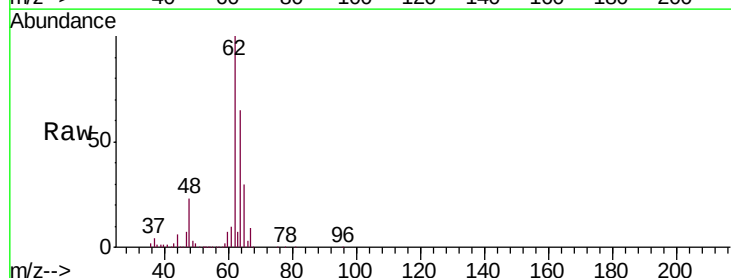
Acq: 12 Jun 2019 00:35

Tgt Ion: 62 Resp: 92124

Ion Ratio Lower Upper

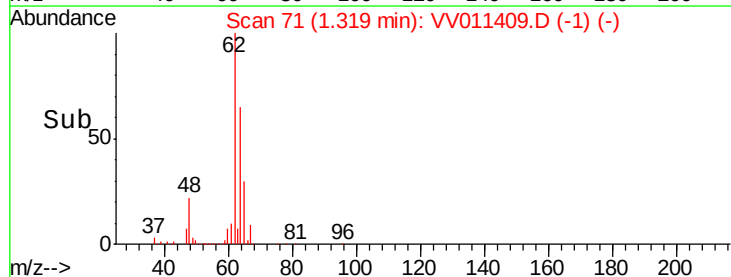
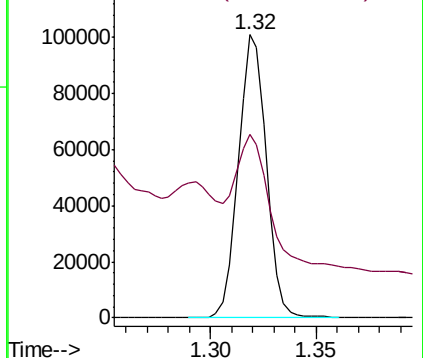
62 100

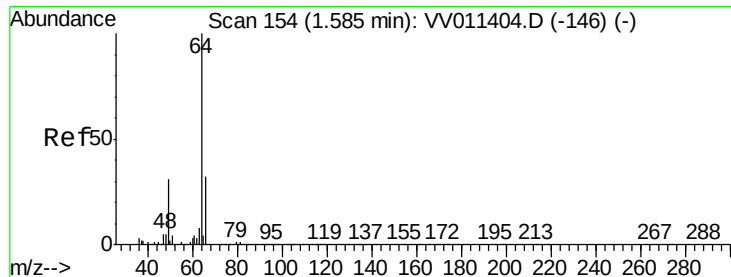
64 64.8 25.9 48.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0





#8

Chloroethane

Concen: 7.419 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.27 min

Lab File: VV011409.D

Acq: 12 Jun 2019 00:35

Instrument :

MSVOA_V

ClientSampled :

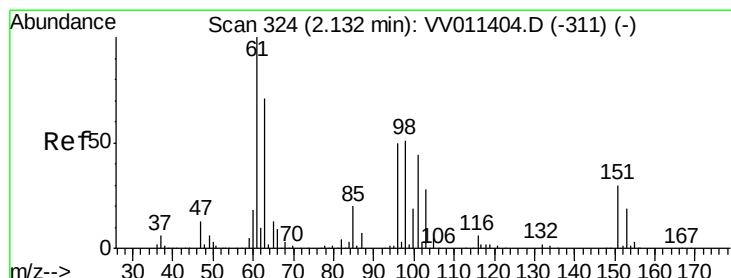
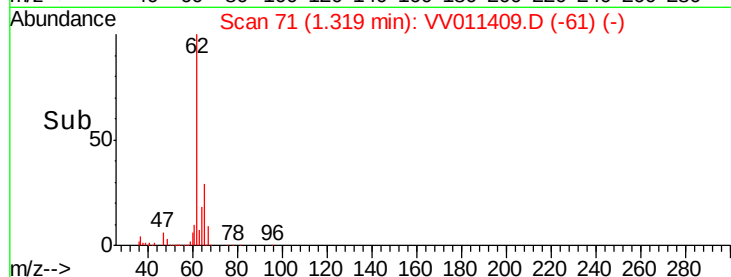
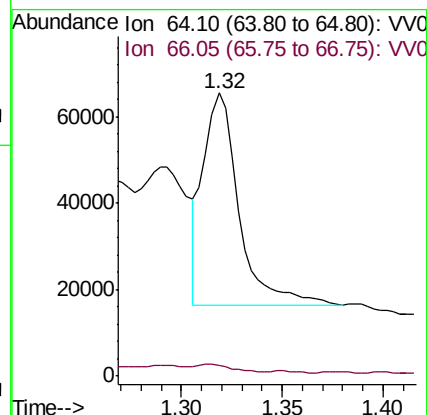
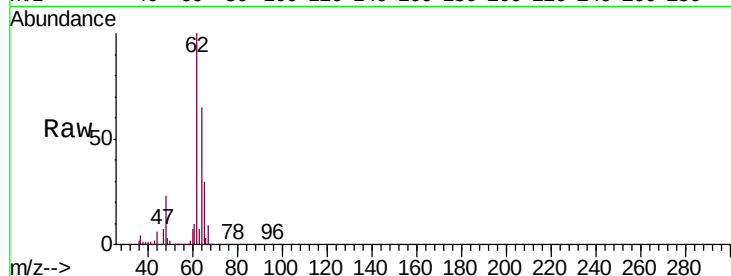
BFCL8

Tgt Ion: 64 Resp: 59334

Ion Ratio Lower Upper

64 100

66 3.9 19.4 36.0#



#12

1,1-Dichloroethene

Concen: 1.511 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV011409.D

Acq: 12 Jun 2019 00:35

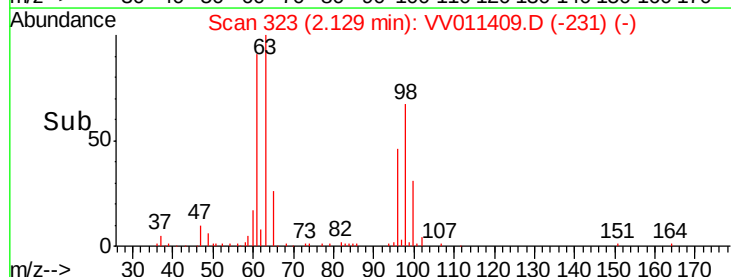
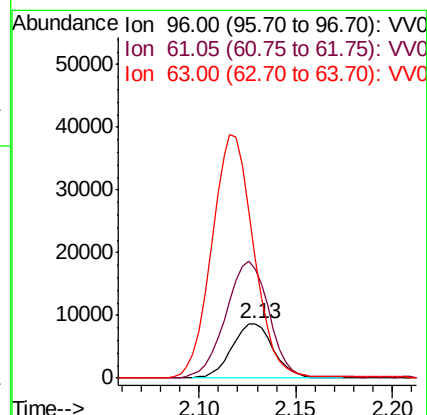
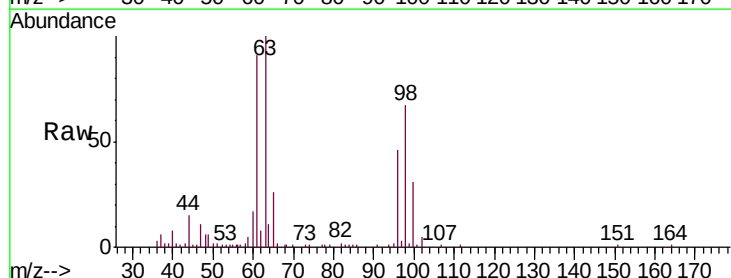
Tgt Ion: 96 Resp: 12949

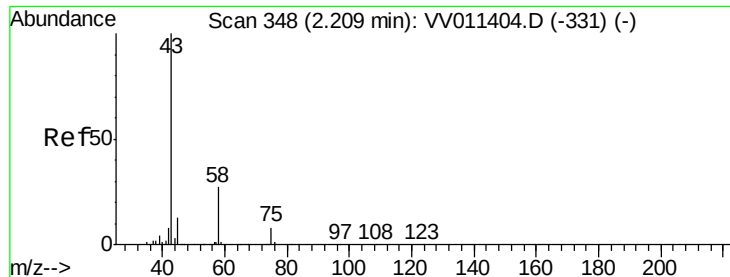
Ion Ratio Lower Upper

96 100

61 199.5 139.8 259.6

63 219.0 94.3 175.1#





#13

Acetone

Concen: 3.061 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.02 min

Lab File: VV011409.D

Acq: 12 Jun 2019 00:35

Instrument :

MSVOA_V

ClientSampleId :

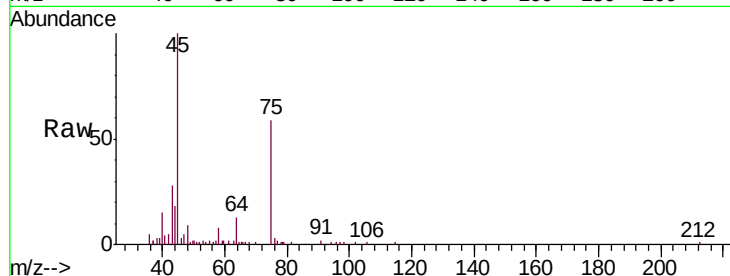
BFCL8

Tgt Ion: 43 Resp: 4763

Ion Ratio Lower Upper

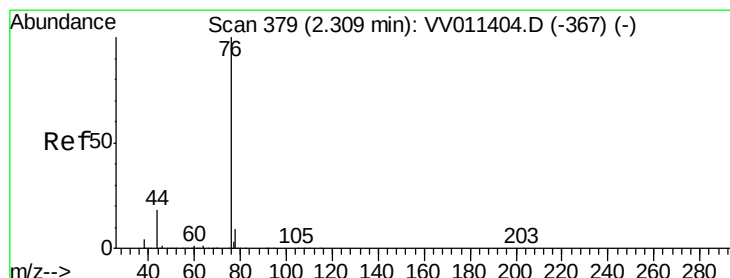
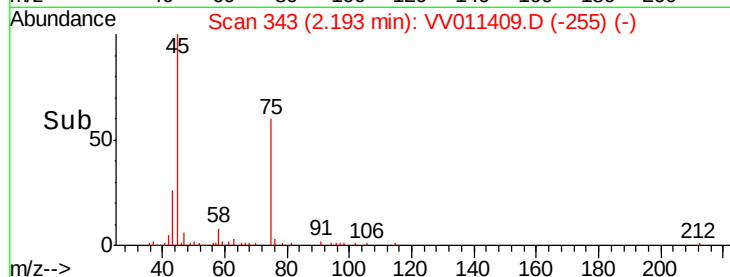
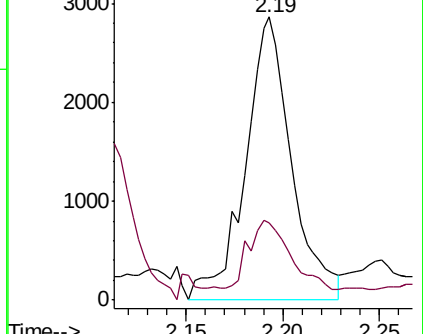
43 100

58 22.3 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 2.012 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.03 min

Lab File: VV011409.D

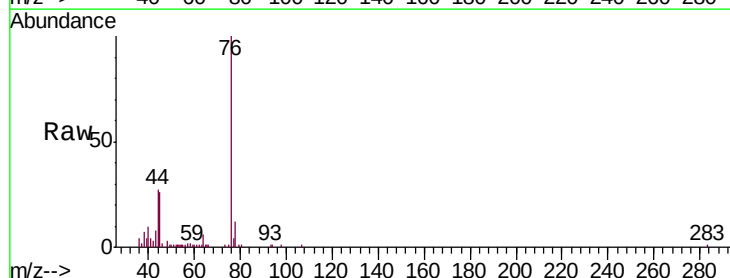
Acq: 12 Jun 2019 00:35

Tgt Ion: 76 Resp: 52308

Ion Ratio Lower Upper

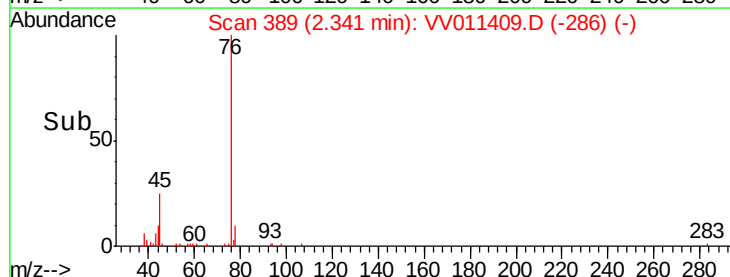
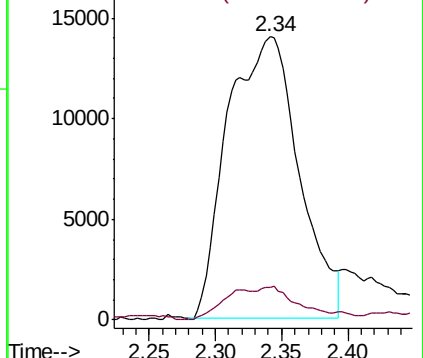
76 100

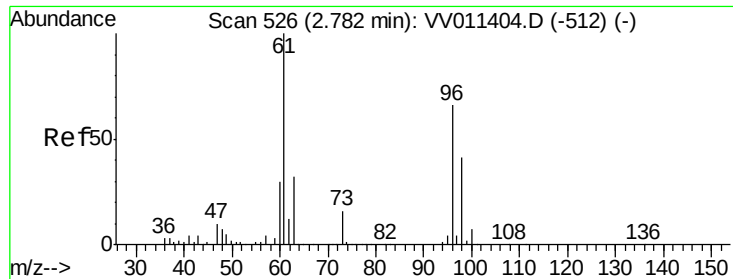
78 11.6 7.3 10.9#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

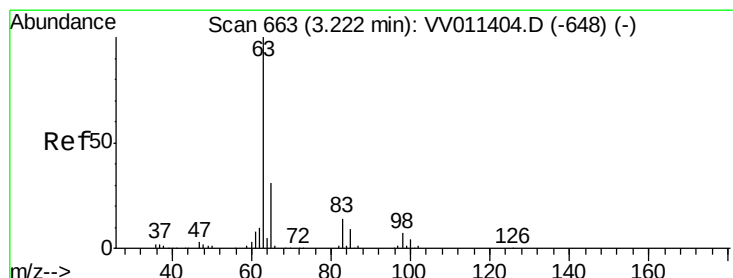
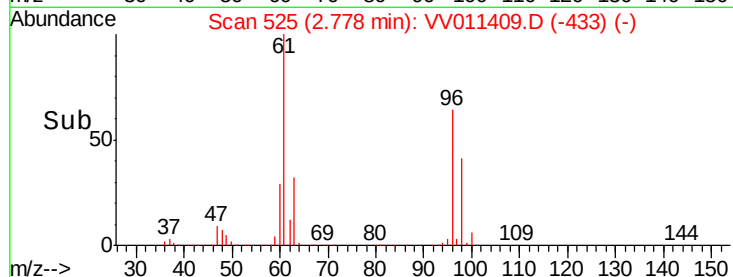
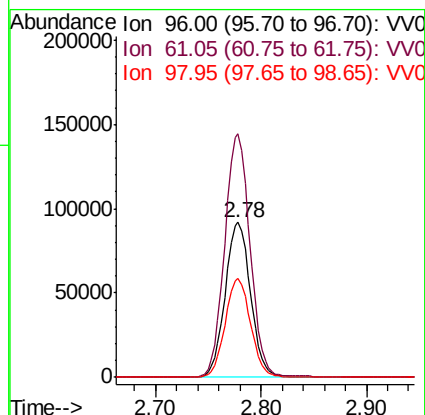
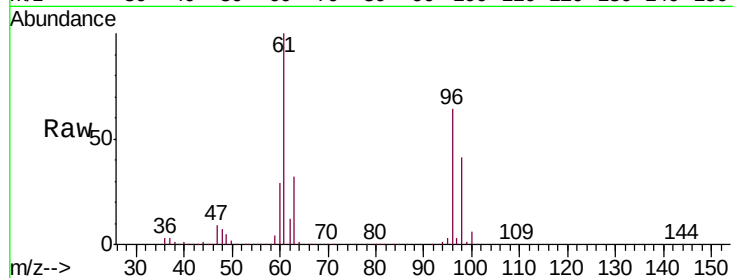




#18
 trans-1,2-Dichloroethene
 Concen: 16.048 ug/L
 RT: 2.78 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: VV011409.D
 Acq: 12 Jun 2019 00:35

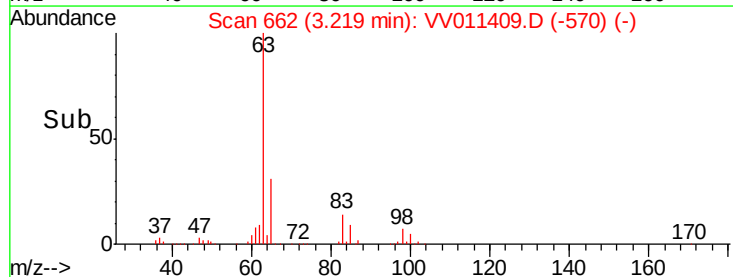
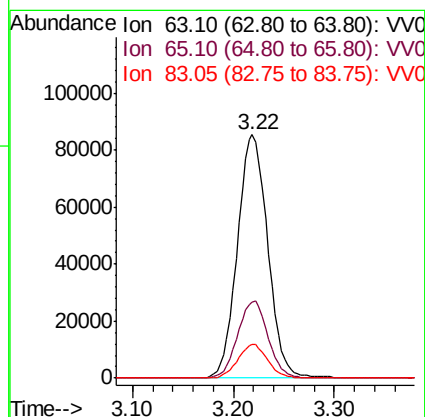
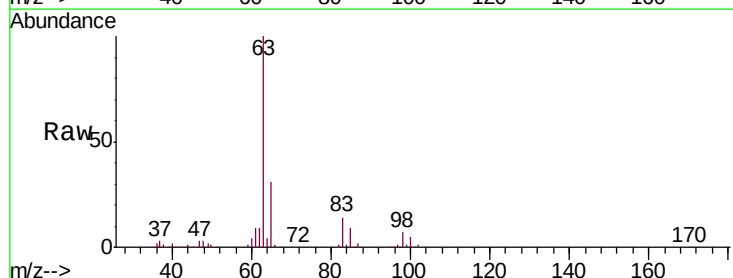
Instrument :
 MSVOA_V
 ClientSampleId :
 BFCL8

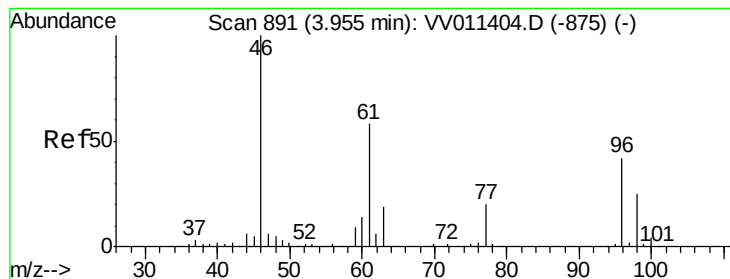
Tgt Ion: 96 Resp: 153981
 Ion Ratio Lower Upper
 96 100
 61 156.8 104.0 193.2
 98 64.0 45.7 84.9



#19
 1,1-Dichloroethane
 Concen: 9.402 ug/L
 RT: 3.22 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: VV011409.D
 Acq: 12 Jun 2019 00:35

Tgt Ion: 63 Resp: 177955
 Ion Ratio Lower Upper
 63 100
 65 31.4 22.1 41.1
 83 13.8 9.2 17.0



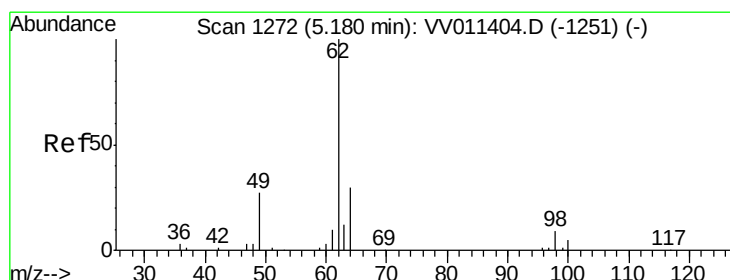
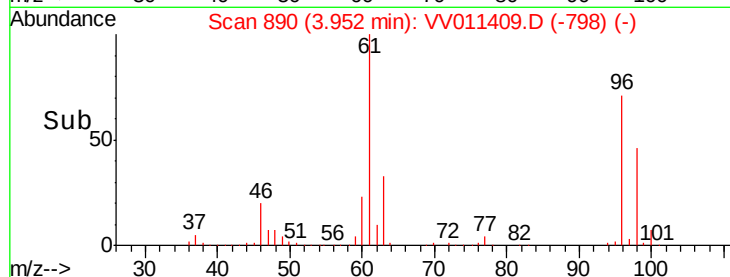
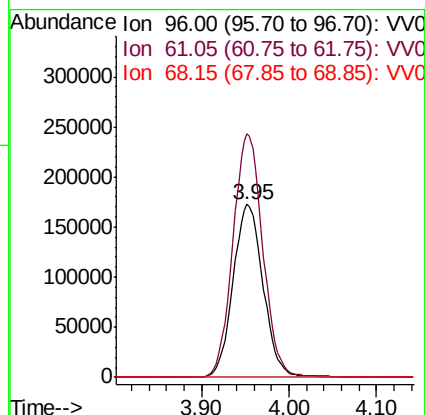
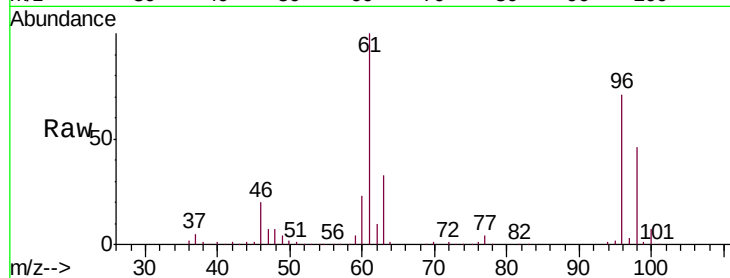


#22

cis-1,2-Dichloroethene
Concen: 38.614 ug/L
RT: 3.95 min Scan# 890
Delta R.T. -0.00 min
Lab File: VV011409.D
Acq: 12 Jun 2019 00:35

Instrument :
MSVOA_V
ClientSampled :
BFCL8

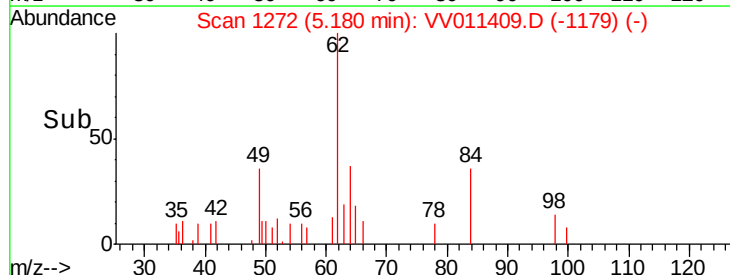
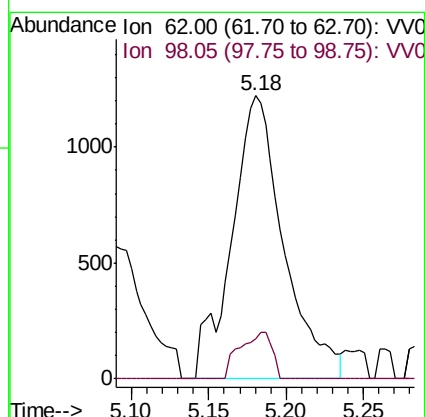
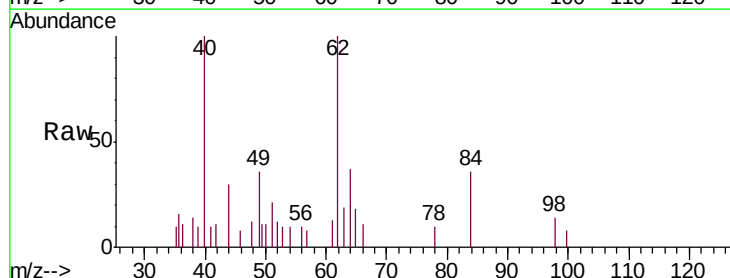
Tgt Ion: 96 Resp: 410331
Ion Ratio Lower Upper
96 100
61 141.0 100.8 187.2
68 0.1 0.0 0.0#

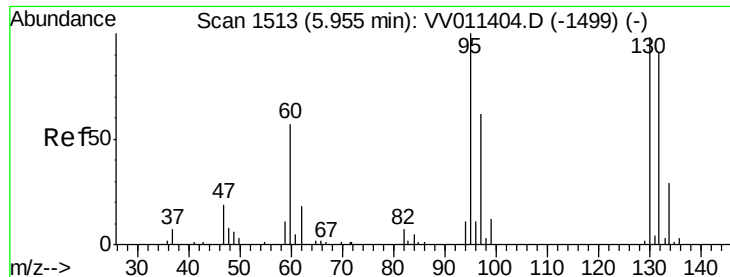


#27

1,2-Dichloroethane
Concen: 0.238 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VV011409.D
Acq: 12 Jun 2019 00:35

Tgt Ion: 62 Resp: 2847
Ion Ratio Lower Upper
62 100
98 14.3 6.9 10.3#





#34

Trichloroethene

Concen: 0.666 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV011409.D

Acq: 12 Jun 2019 00:35

Instrument :

MSVOA_V

ClientSampleId :

BFCL8

Tgt Ion: 95 Resp: 7121

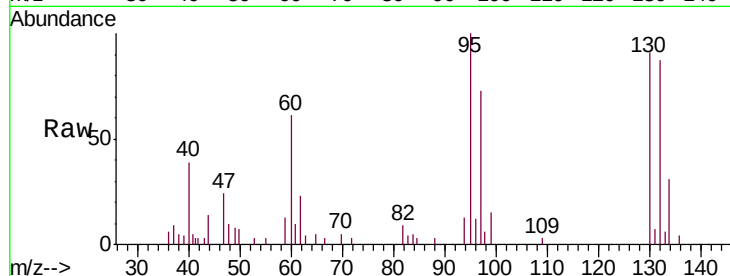
Ion Ratio Lower Upper

95 100

97 73.1 45.8 85.2

132 87.2 66.4 123.2

130 90.5 68.3 126.8



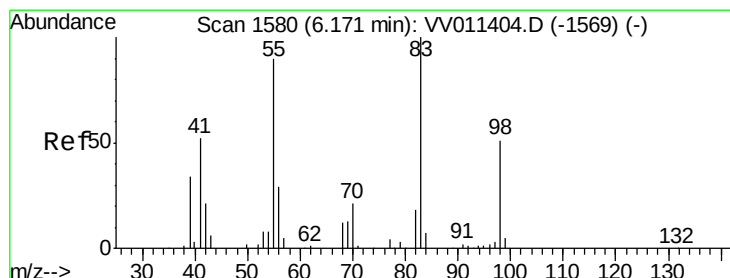
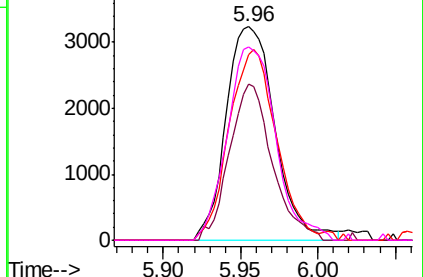
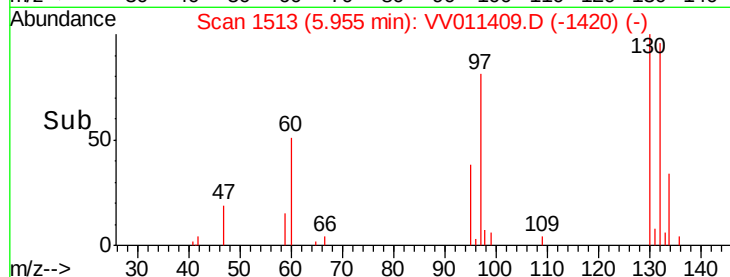
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

Time-->



#35

Methylcyclohexane

Concen: 0.677 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011409.D

Acq: 12 Jun 2019 00:35

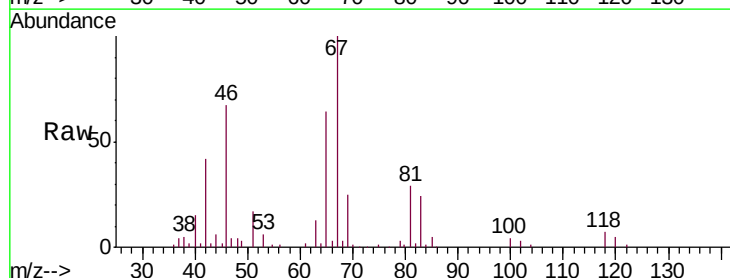
Tgt Ion: 83 Resp: 11962

Ion Ratio Lower Upper

83 100

55 0.5 67.0 100.6#

98 0.0 40.0 60.0#

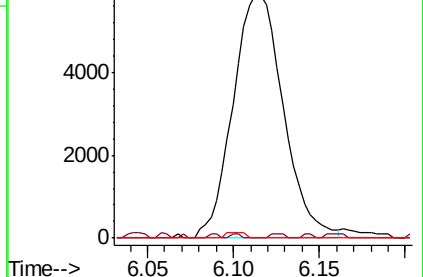
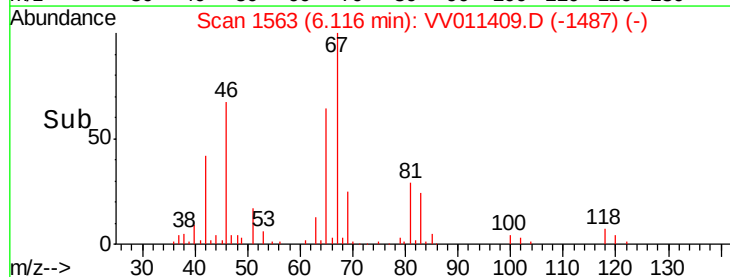


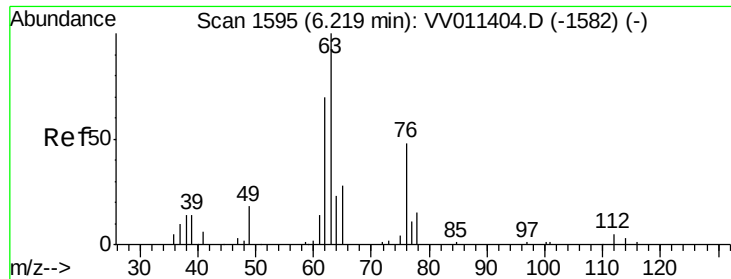
Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

Time-->

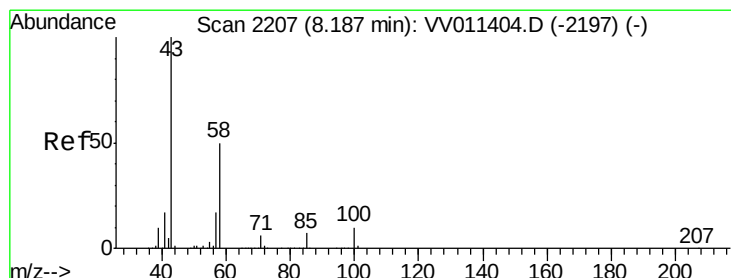
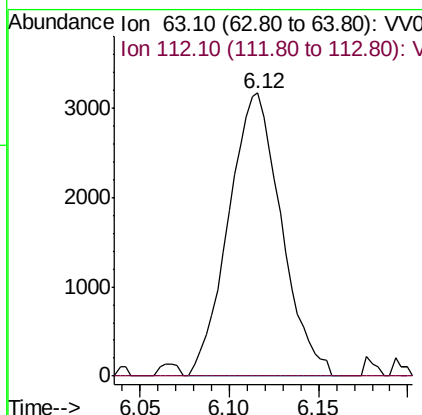
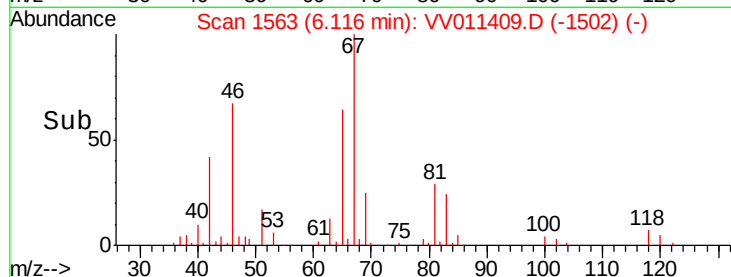
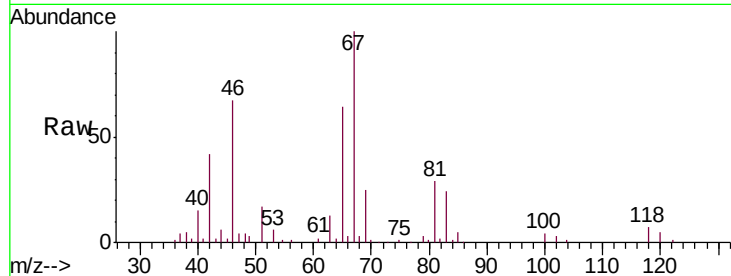




#37
 1,2-Dichloropropane
 Concen: 0.634 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011409.D
 Acq: 12 Jun 2019 00:35

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCL8

Tgt Ion: 63 Resp: 6533
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#48
 2-Hexanone
 Concen: 3.129 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV011409.D
 Acq: 12 Jun 2019 00:35

Tgt Ion: 43 Resp: 14312
 Ion Ratio Lower Upper
 43 100
 58 28.2 41.4 62.0#
 57 26.9 15.0 22.4#
 100 1.7 9.0 13.4#

