

Data File : VV011517.D
Acq On : 15 Jun 2019 03:47
Operator : SY/MD
Sample : K3313-17
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM08

Quant Time: Jun 15 04:40:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 15 04:37:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	173288	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	158987	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63397	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	61658	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	46375	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.80%
11) 1,1-Dichloroethene-d2	2.12	63	117162	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.00%
20) 2-Butanone-d5	3.96	46	192932	52.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.82%
24) Chloroform-d	4.40	84	123240	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	73892	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.09	84	247633	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.12	67	78868	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.36	98	209511	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.66	79	22704	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.14	63	147621	51.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	54358	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	67802	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	5490	0.328 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1370	0.132 ug/L #	45
12) 1,1-Dichloroethene	2.13	96	38722	3.593 ug/L	87
13) Acetone	2.22	43	6235	2.513 ug/L	79
15) Methyl Acetate	2.41	43	7841	1.192 ug/L #	57
19) 1,1-Dichloroethane	3.22	63	5320	0.211 ug/L #	84
22) cis-1,2-Dichloroethene	3.96	96	58661	4.249 ug/L	89
29) 1,1,1-Trichloroethane	4.65	97	47861	2.420 ug/L	100
31) Carbon tetrachloride	4.66	117	6208	0.388 ug/L	94
34) Trichloroethene	5.95	95	792764	59.864 ug/L	98
35) Methylcyclohexane	6.12	83	18912	1.002 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	9864	0.714 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1861	0.107 ug/L #	60
44) trans-1,3-Dichloropropene	7.67	75	1294	0.097 ug/L	98
48) 2-Hexanone	8.14	43	20380	2.942 ug/L #	73

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061419\
Quantitation Report (Not Reviewed)

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QLast Update : Sat Jun 15 04:37:55 2019
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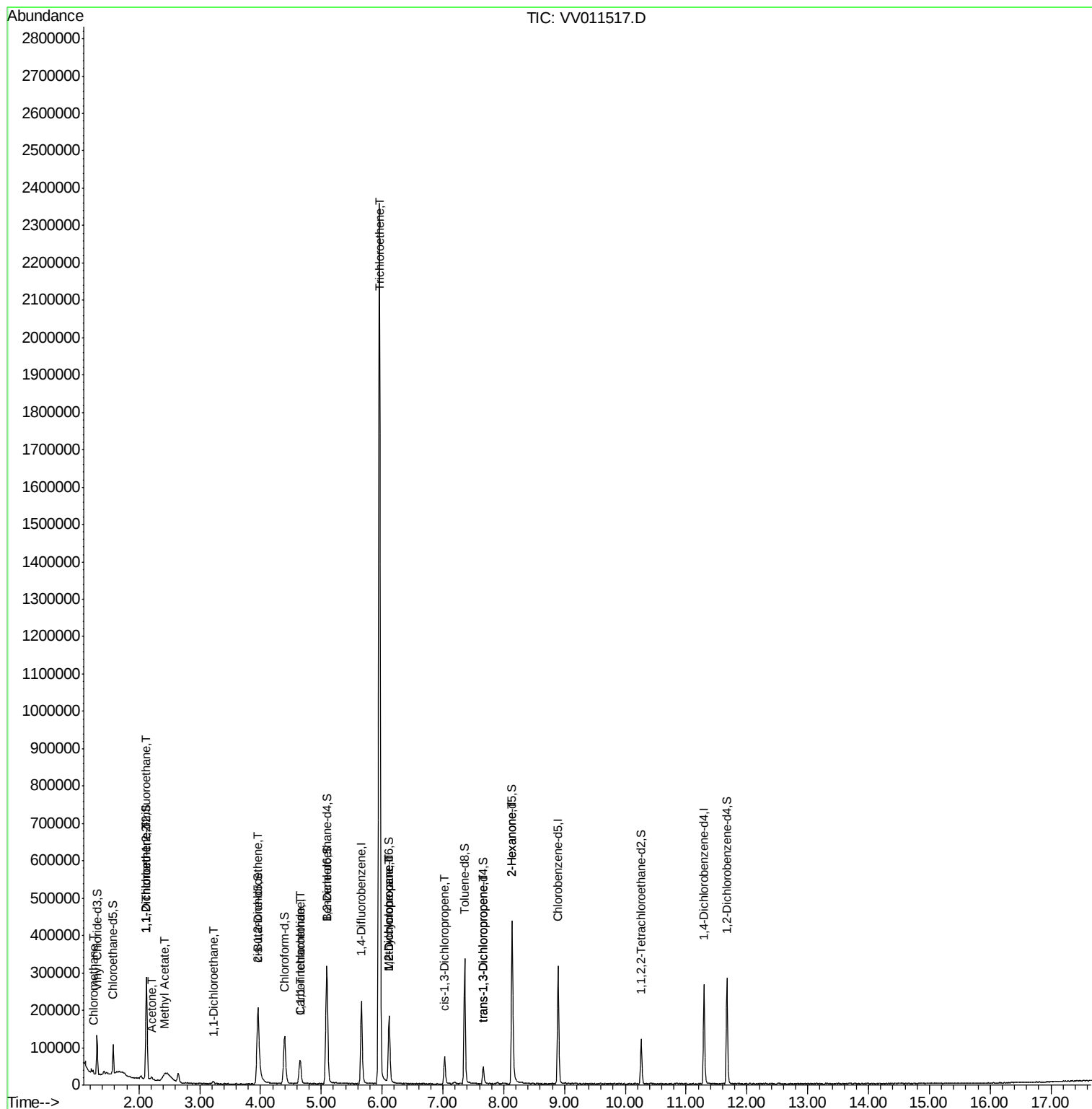
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

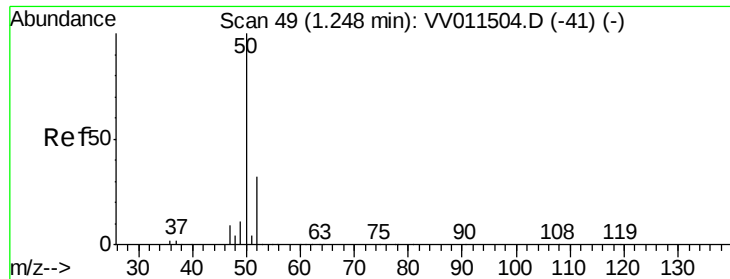
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#3

Chloromethane

Concen: 0.328 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011517.D

Acq: 15 Jun 2019 03:47

Instrument :

MSVOA_V

ClientSampleId :

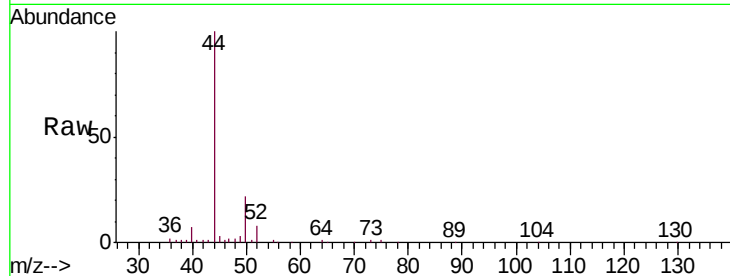
COM08

Tgt Ion: 50 Resp: 5490

Ion Ratio Lower Upper

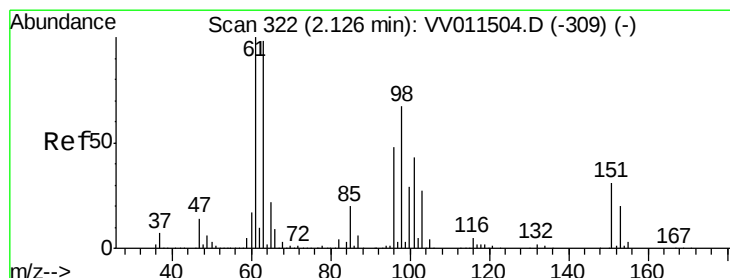
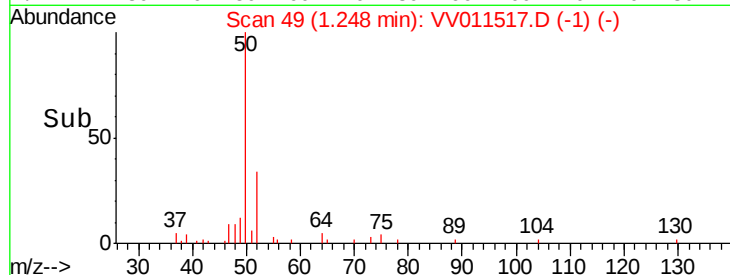
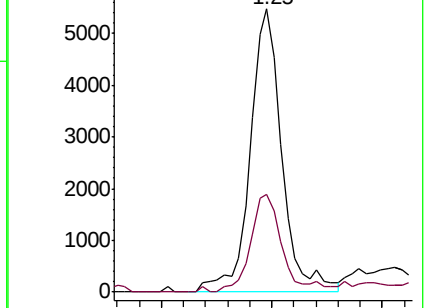
50 100

52 34.4 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV011517.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VV011517.D (-1) (-)



#10

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

Concen: 0.132 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV011517.D

Acq: 15 Jun 2019 03:47

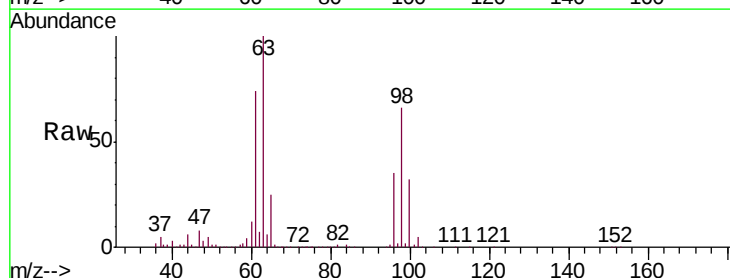
Tgt Ion: 101 Resp: 1370

Ion Ratio Lower Upper

101 100

85 26.9 37.3 55.9#

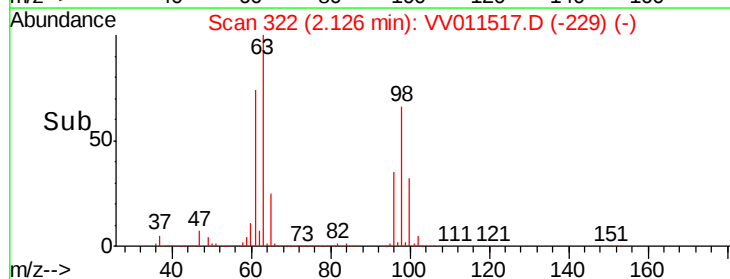
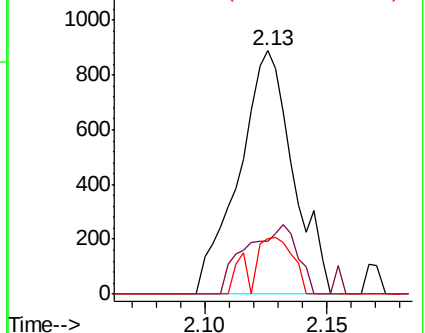
151 14.6 59.4 89.2#

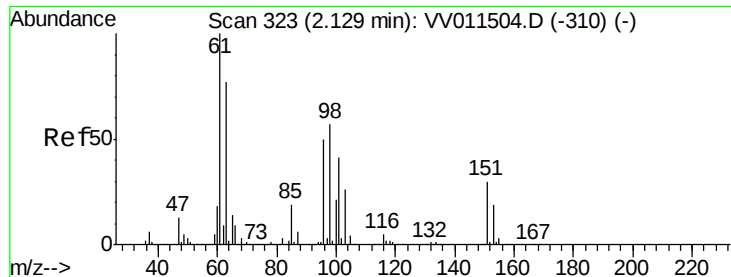


Abundance Ion 101.00 (100.70 to 101.70): VV011517.D (-229) (-)

Ion 85.00 (84.70 to 85.70): VV011517.D (-229) (-)

Ion 151.00 (150.70 to 151.70): VV011517.D (-229) (-)





#12

1,1-Dichloroethene

Concen: 3.593 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV011517.D

Acq: 15 Jun 2019 03:47

Instrument :

MSVOA_V

ClientSampleId :

COM08

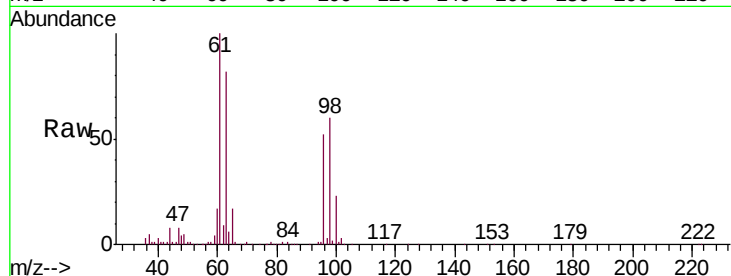
Tgt Ion: 96 Resp: 38722

Ion Ratio Lower Upper

96 100

61 192.8 135.9 252.5

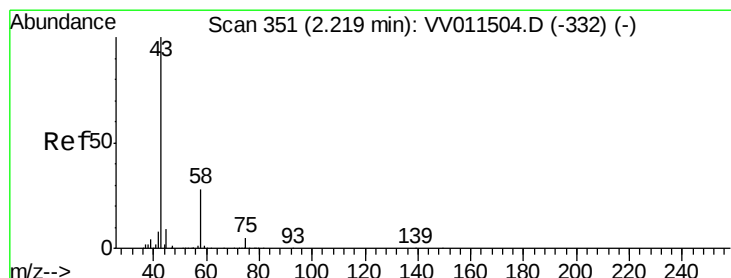
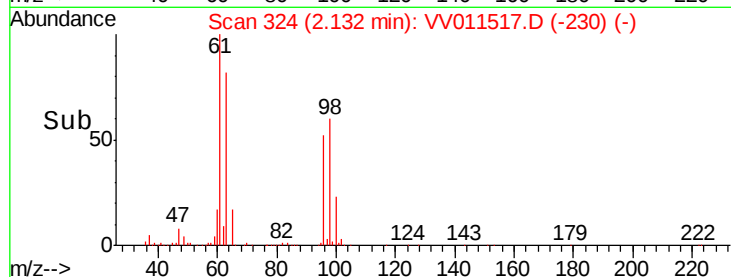
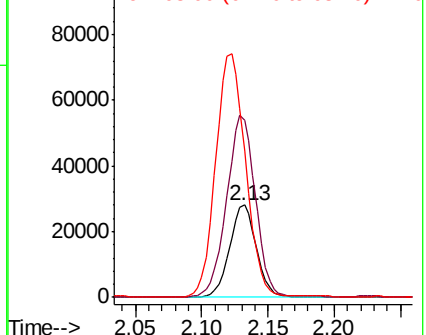
63 158.5 86.2 160.2



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 2.513 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.00 min

Lab File: VV011517.D

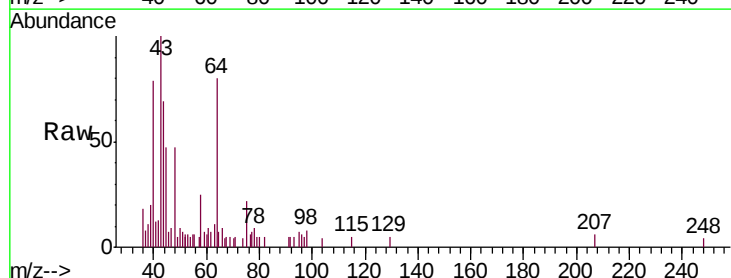
Acq: 15 Jun 2019 03:47

Tgt Ion: 43 Resp: 6235

Ion Ratio Lower Upper

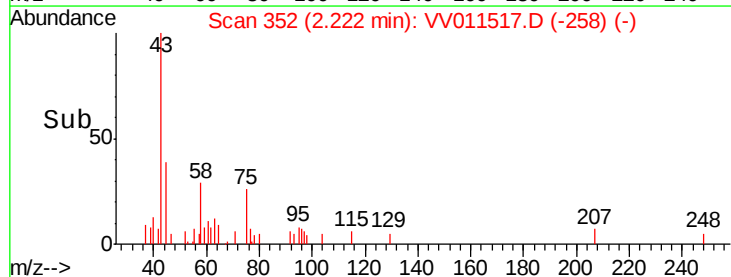
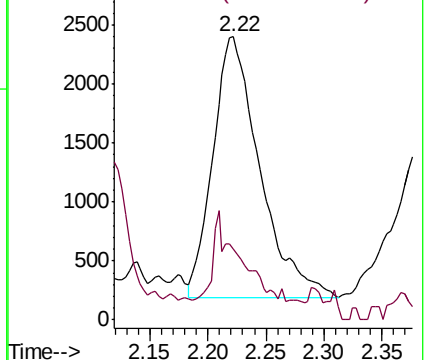
43 100

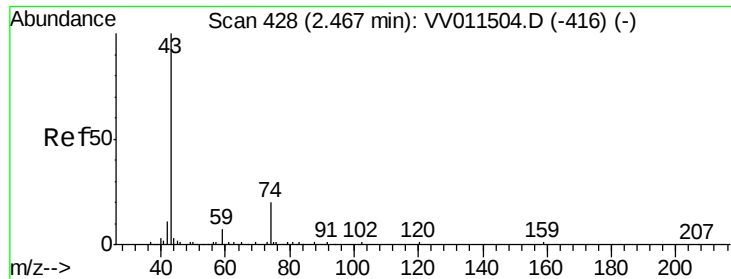
58 17.7 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

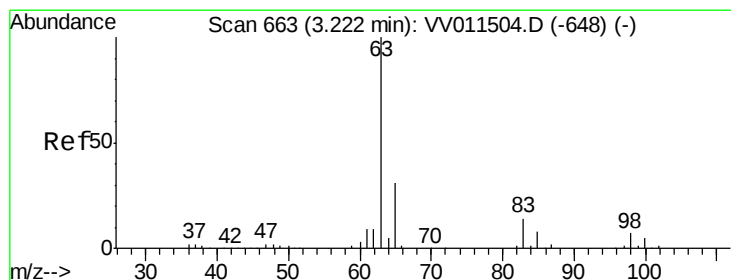
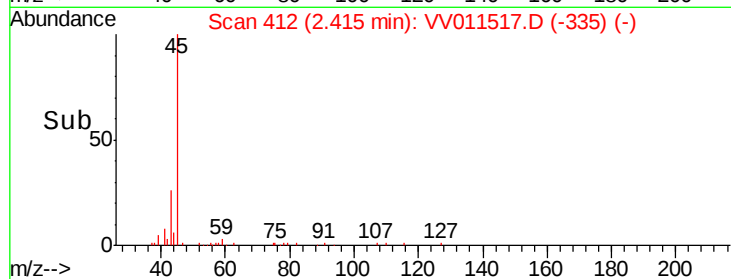
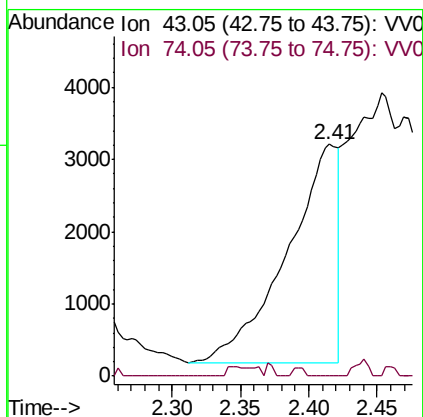
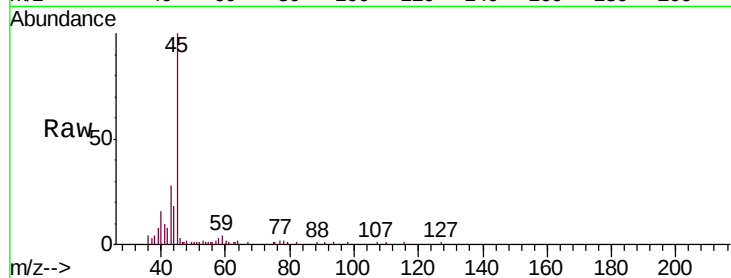




#15
Methyl Acetate
Concen: 1.192 ug/L
RT: 2.41 min Scan# 412
Delta R.T. -0.05 min
Lab File: VV011517.D
Acq: 15 Jun 2019 03:47

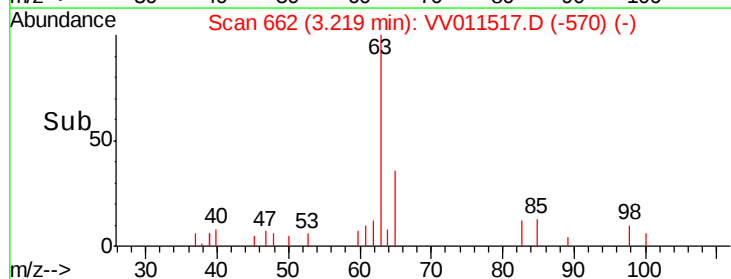
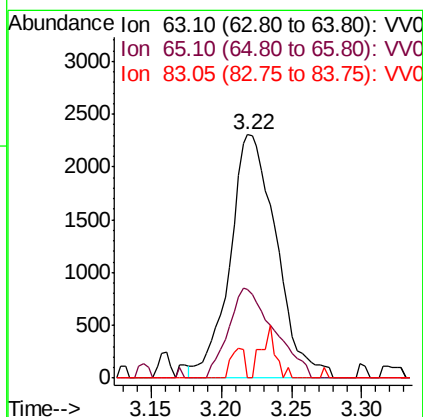
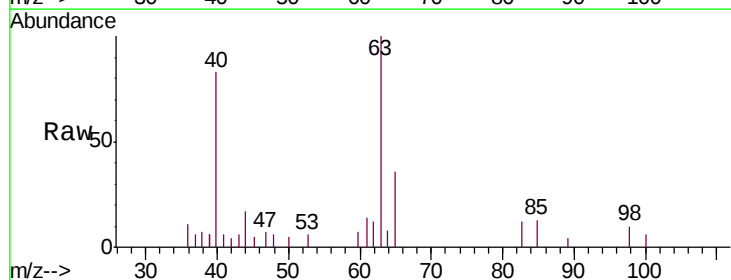
Instrument :
MSVOA_V
ClientSampleId :
COM08

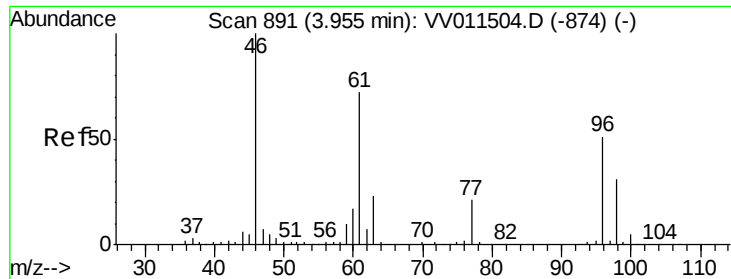
Tgt Ion: 43 Resp: 7841
Ion Ratio Lower Upper
43 100
74 0.8 16.5 24.7#



#19
1,1-Dichloroethane
Concen: 0.211 ug/L
RT: 3.22 min Scan# 662
Delta R.T. -0.00 min
Lab File: VV011517.D
Acq: 15 Jun 2019 03:47

Tgt Ion: 63 Resp: 5320
Ion Ratio Lower Upper
63 100
65 36.4 22.5 41.9
83 0.0 10.1 18.9#



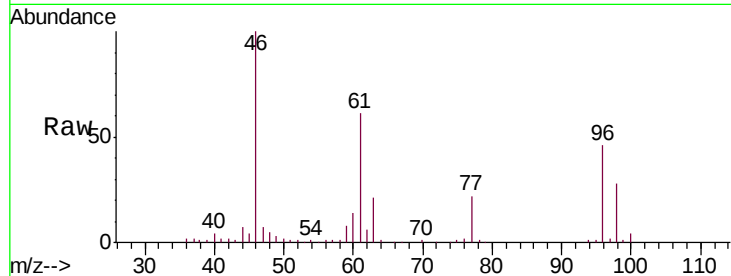


#22

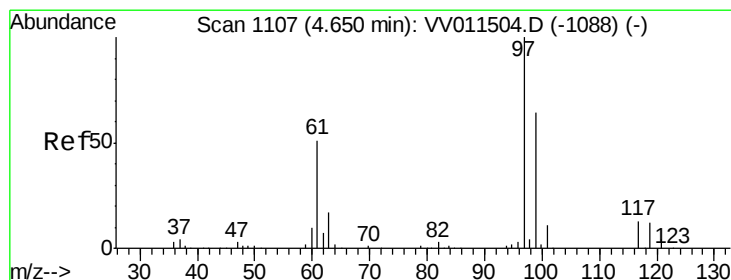
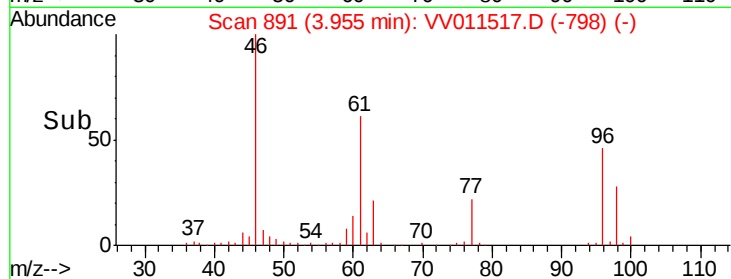
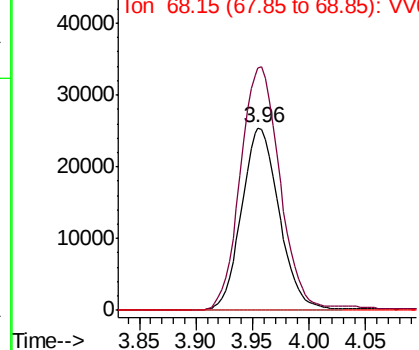
cis-1,2-Dichloroethene
Concen: 4.249 ug/L
RT: 3.96 min Scan# 891
Delta R.T. -0.00 min
Lab File: VV011517.D
Acq: 15 Jun 2019 03:47

Instrument :
MSVOA_V
ClientSampleId :
COM08

Tgt Ion: 96 Resp: 58661
Ion Ratio Lower Upper
96 100
61 132.7 102.2 189.8
68 0.0 0.0 0.0



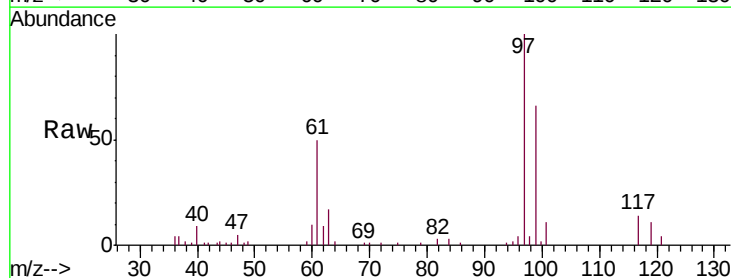
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



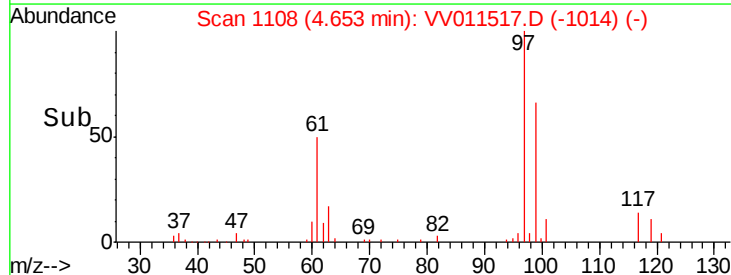
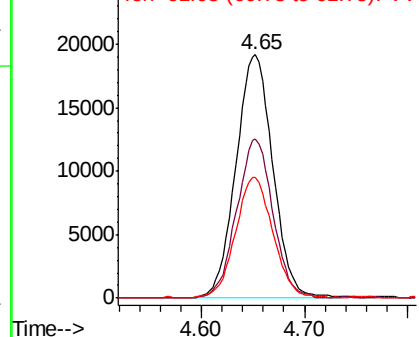
#29

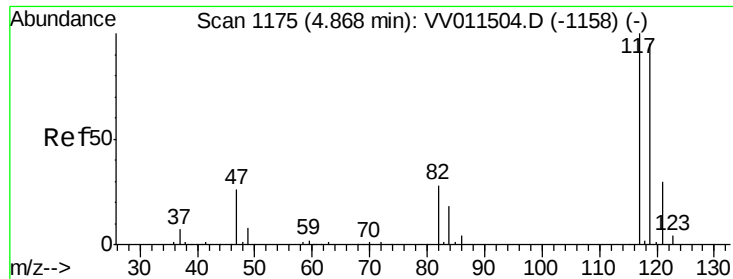
1,1,1-Trichloroethane
Concen: 2.420 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV011517.D
Acq: 15 Jun 2019 03:47

Tgt Ion: 97 Resp: 47861
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 50.4 40.4 60.6



Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 61.05 (60.75 to 61.75): VV0





#31

Carbon tetrachloride

Concen: 0.388 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. -0.21 min

Lab File: VV011517.D

Acq: 15 Jun 2019 03:47

Instrument :

MSVOA_V

ClientSampleId :

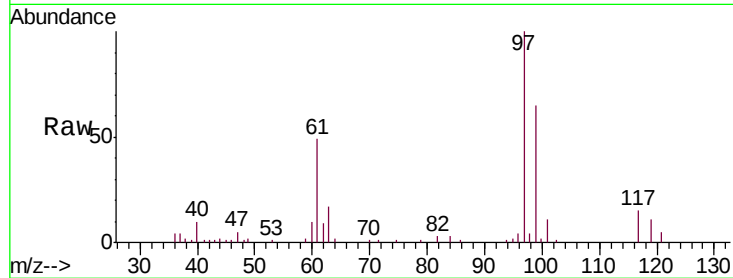
COM08

Tgt Ion:117 Resp: 6208

Ion Ratio Lower Upper

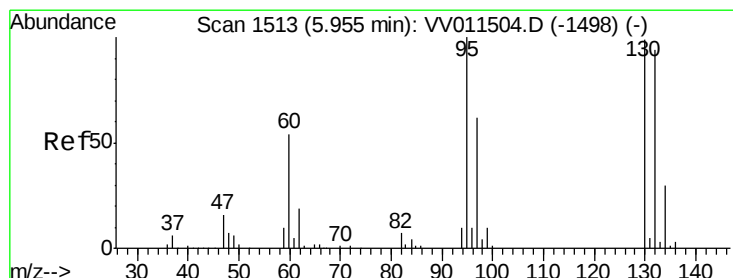
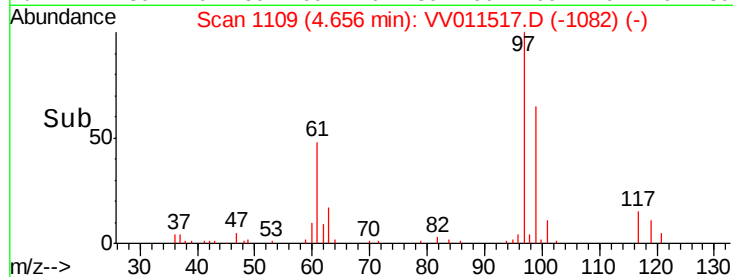
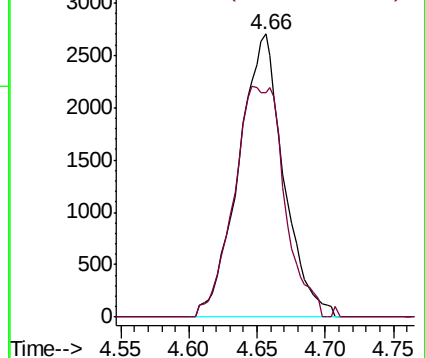
117 100

119 91.3 77.4 116.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 59.864 ug/L

RT: 5.95 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV011517.D

Acq: 15 Jun 2019 03:47

Tgt Ion: 95 Resp: 792764

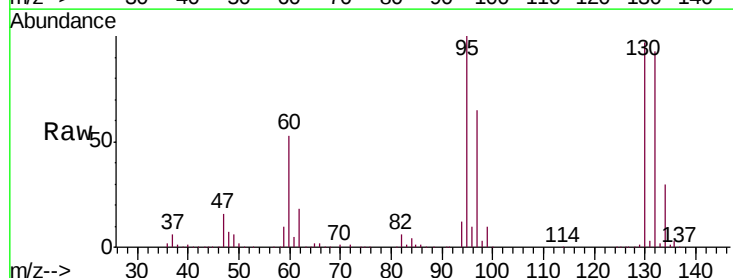
Ion Ratio Lower Upper

95 100

97 65.2 44.4 82.4

132 92.7 63.5 117.9

130 96.8 68.5 127.3

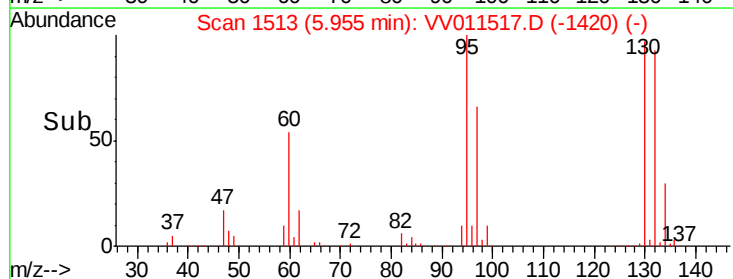
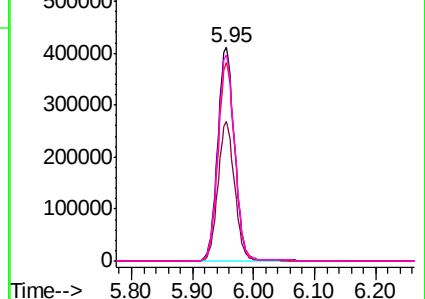


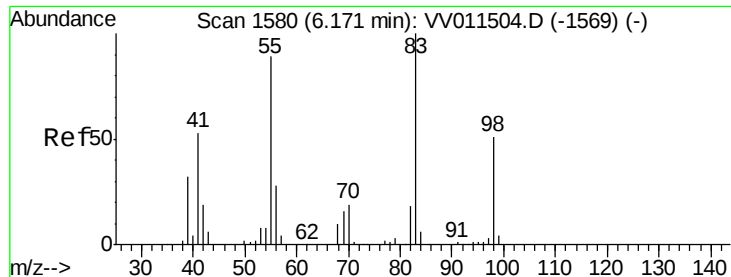
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#35

Methylcyclohexane

Concen: 1.002 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011517.D

Acq: 15 Jun 2019 03:47

Instrument :

MSVOA_V

ClientSampled :

COM08

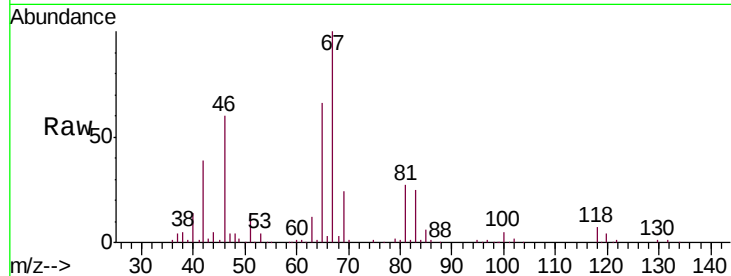
Tgt Ion: 83 Resp: 18912

Ion Ratio Lower Upper

83 100

55 1.5 67.9 101.9#

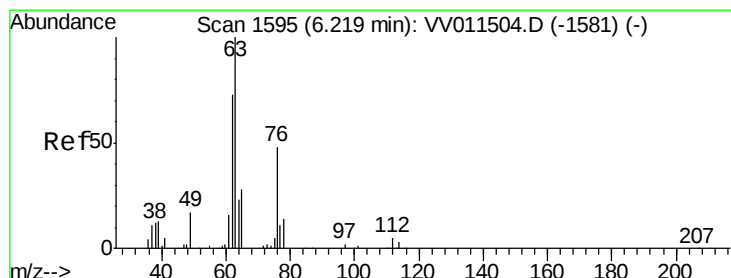
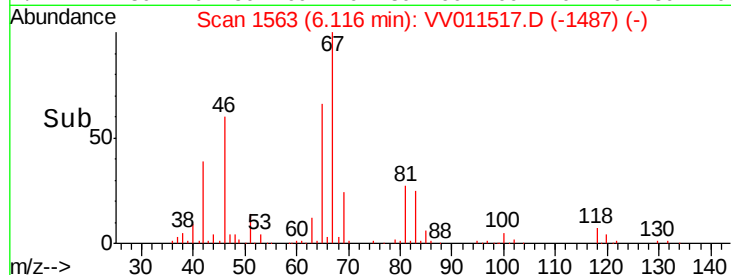
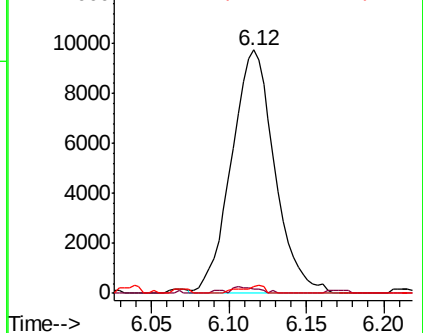
98 0.0 39.6 59.4#



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: 0.714 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011517.D

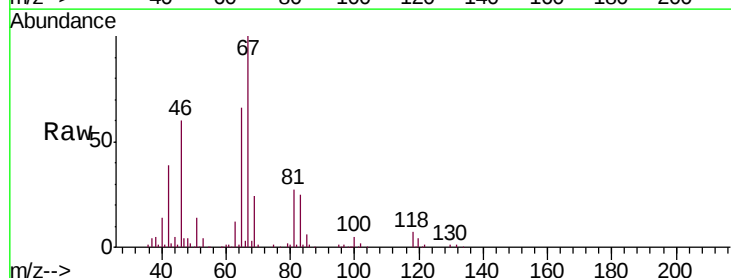
Acq: 15 Jun 2019 03:47

Tgt Ion: 63 Resp: 9864

Ion Ratio Lower Upper

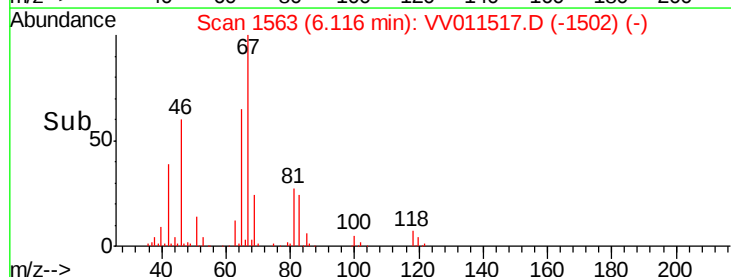
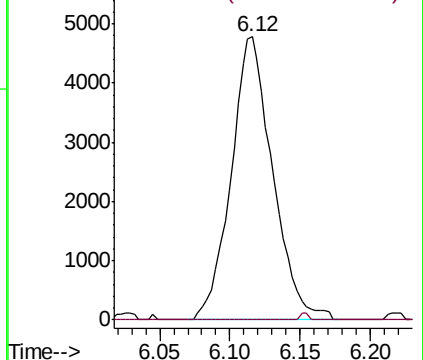
63 100

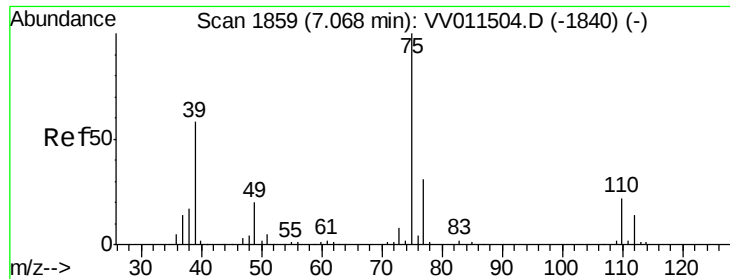
112 0.5 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV011517.D

Acq: 15 Jun 2019 03:47

Instrument :

MSVOA_V

ClientSampleId :

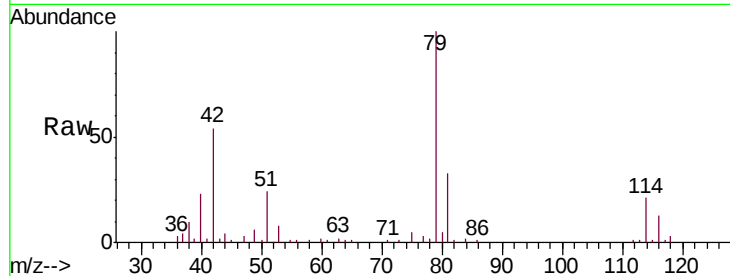
COM08

Tgt Ion: 75 Resp: 1861

Ion Ratio Lower Upper

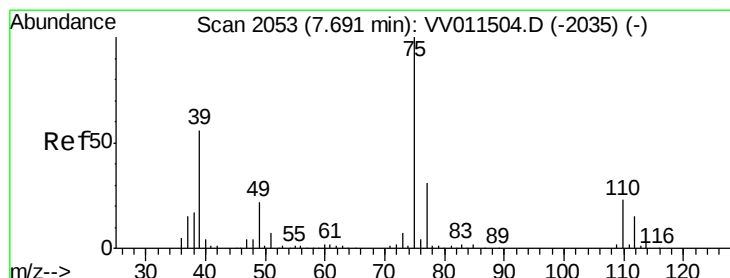
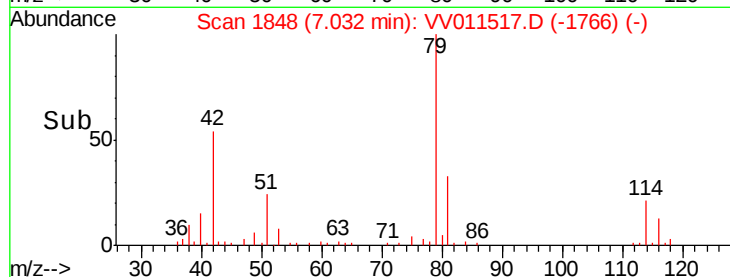
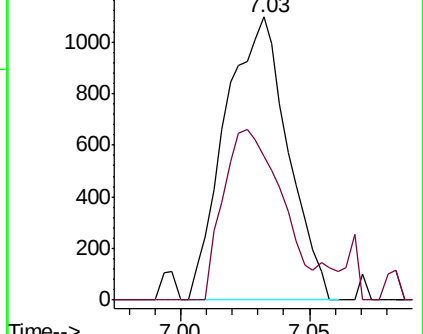
75 100

77 50.8 20.6 38.4#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.02 min

Lab File: VV011517.D

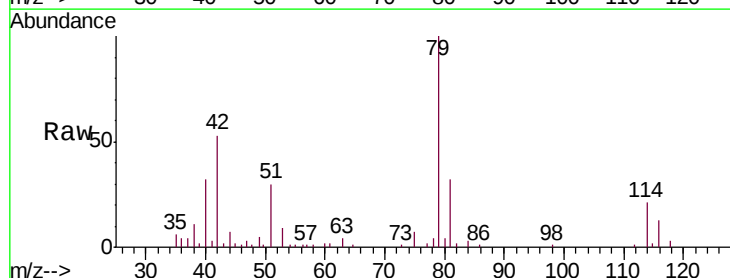
Acq: 15 Jun 2019 03:47

Tgt Ion: 75 Resp: 1294

Ion Ratio Lower Upper

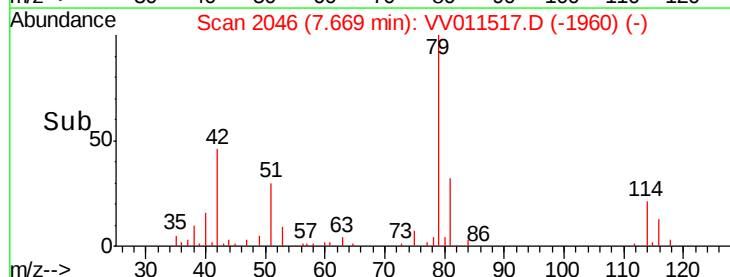
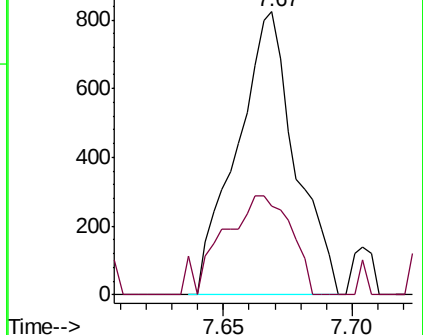
75 100

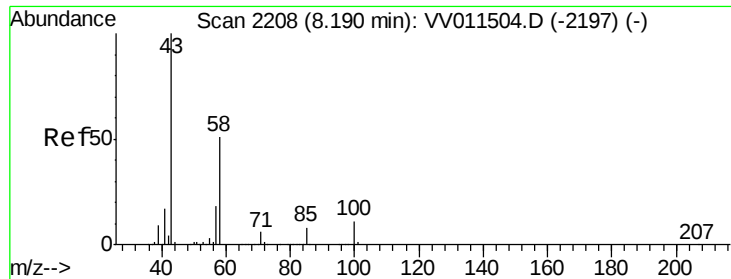
77 31.5 22.8 42.4



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48
 2-Hexanone
 Concen: 2.942 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV011517.D
 Acq: 15 Jun 2019 03:47

Instrument :
 MSVOA_V
 ClientSampleId :
 COM08

Tgt Ion: 43 Resp: 20380
 Ion Ratio Lower Upper
 43 100
 58 30.2 40.6 60.8#
 57 26.5 14.2 21.4#
 100 1.3 8.6 12.8#

