

Data File : VV008432.D
Acq On : 26 Oct 2018 14:50
Operator : SY/MD
Sample : J5669-02
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBW7

Quant Time: Oct 27 04:46:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 27 04:42:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	195735	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177480	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70279	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53253	49.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.28%
7) Chloroethane-d5	1.56	69	40786	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.24%
11) 1,1-Dichloroethene-d2	2.13	63	72696	37.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.28%
21) 2-Butanone-d5	3.94	46	116652	99.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.04%
24) Chloroform-d	4.41	84	129373	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.09	65	90635	50.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.44%
32) Benzene-d6	5.10	84	265343	52.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.92%
36) 1,2-Dichloropropane-d6	6.12	67	89038	50.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.44%
41) Toluene-d8	7.36	98	239173	52.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.16%
43) trans-1,3-Dichloropropene-	7.67	79	43120	50.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.12%
47) 2-Hexanone-d5	8.14	63	86739	94.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	116211	48.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.76%
64) 1,2-Dichlorobenzene-d4	11.68	152	76935	53.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.04%

Target Compounds

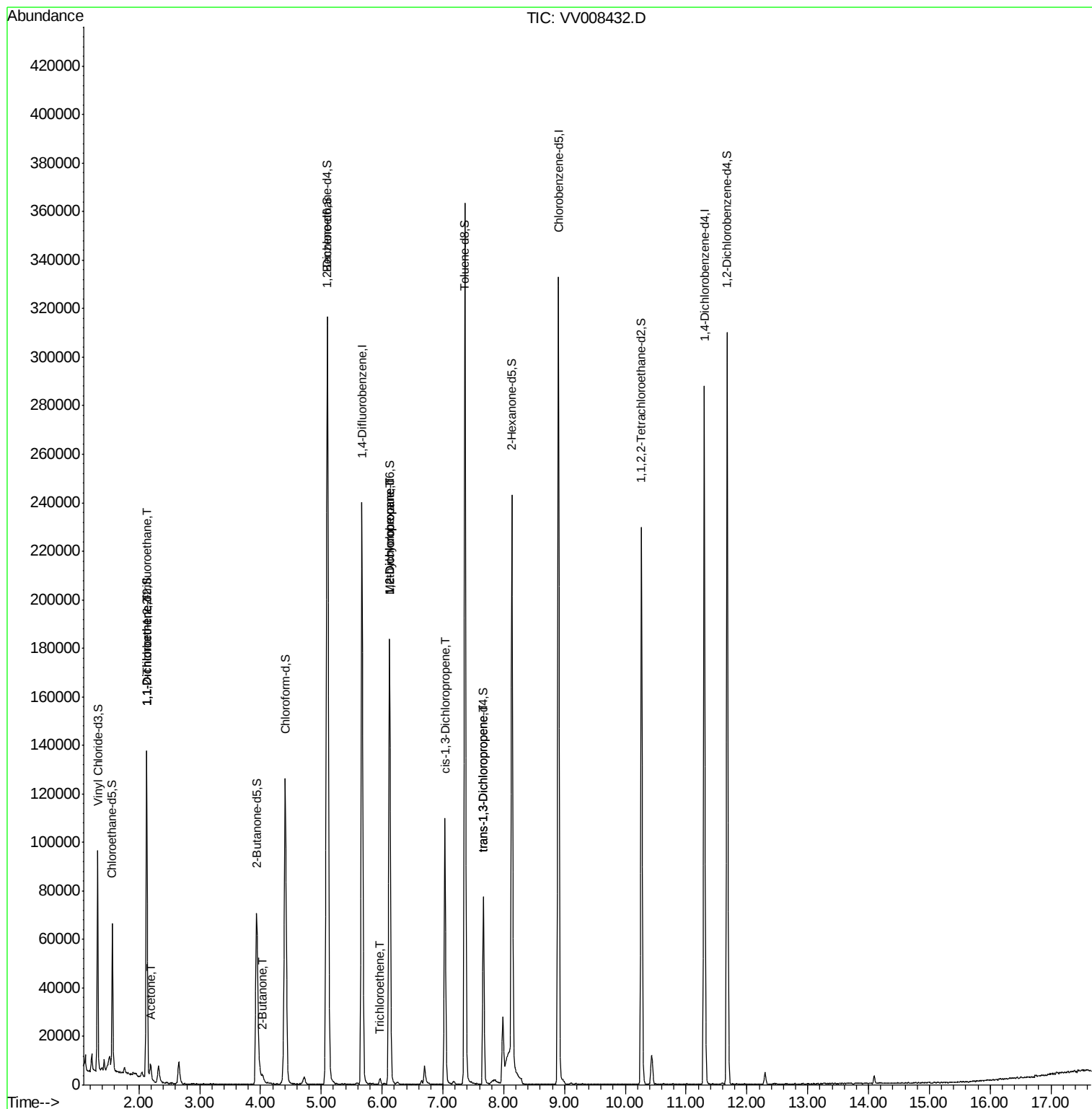
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	563	0.604	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	585	0.666	ug/L #	1
13) Acetone	2.19	43	4270	4.671	ug/L	94
22) 2-Butanone	4.03	43	4224	3.199	ug/L	79
34) Trichloroethene	5.97	95	971	0.654	ug/L	88
35) Methylcyclohexane	6.12	83	20730	8.209	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	9683	6.043	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2457	0.975	ug/L #	62
44) trans-1,3-Dichloropropene	7.67	75	1722	0.731	ug/L #	74

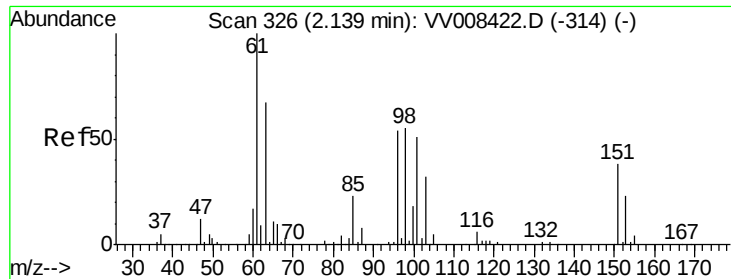
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.604 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008432.D

Acq: 26 Oct 2018 14:50

Instrument :

MSVOA_V

ClientSampleId :

ETBW7

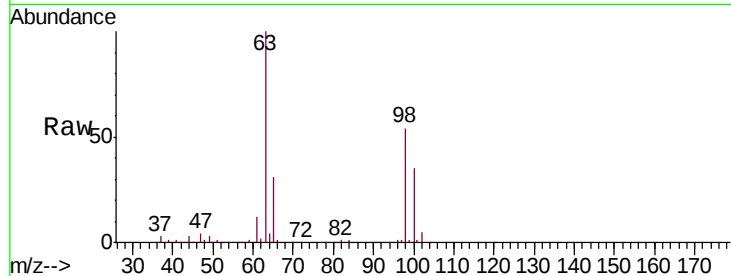
Tgt Ion: 101 Resp: 563

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

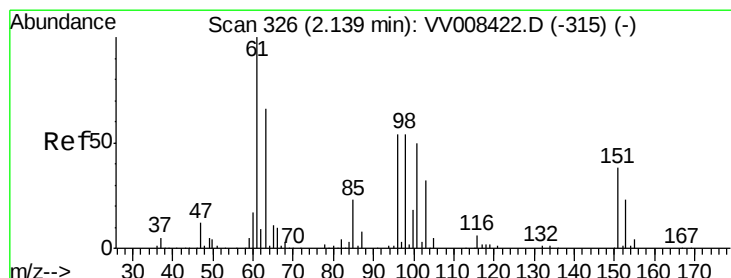
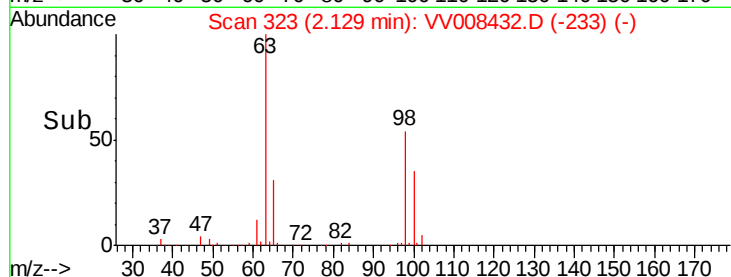
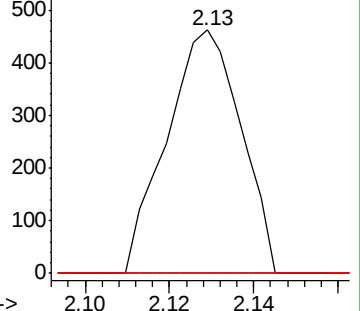
151 0.0 58.1 87.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.666 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008432.D

Acq: 26 Oct 2018 14:50

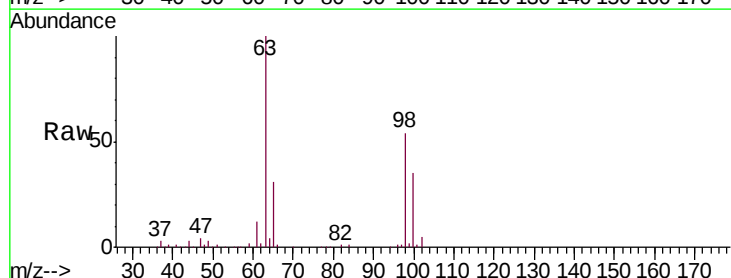
Tgt Ion: 96 Resp: 585

Ion Ratio Lower Upper

96 100

61 1504.9 130.3 242.1#

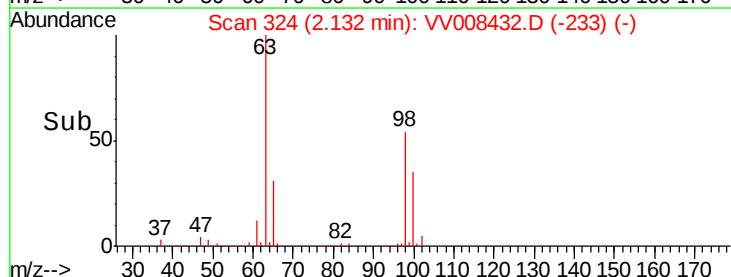
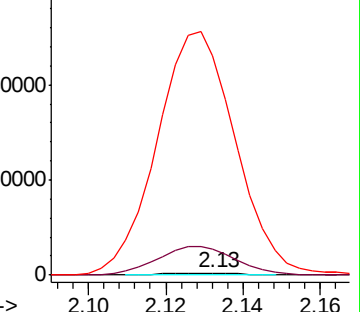
63 12450.7 84.4 156.8#

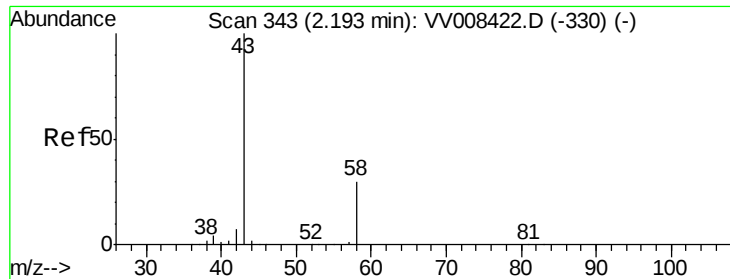


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 4.671 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

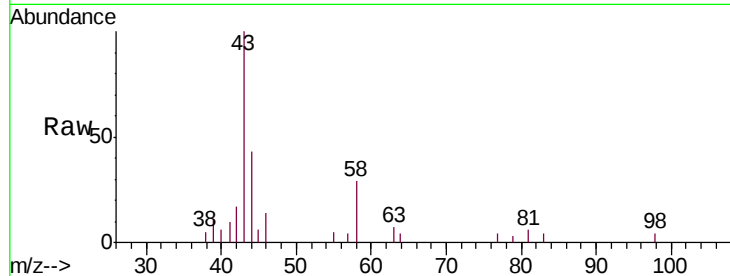
ETBW7

Tgt Ion: 43 Resp: 4270

Ion Ratio Lower Upper

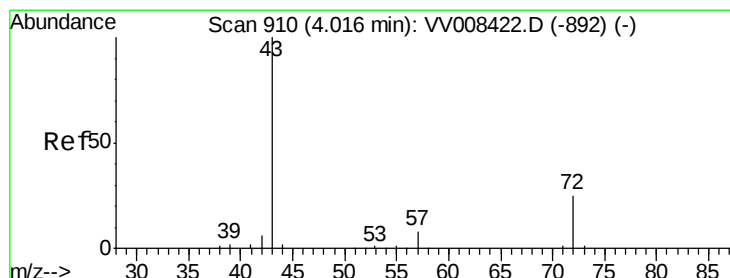
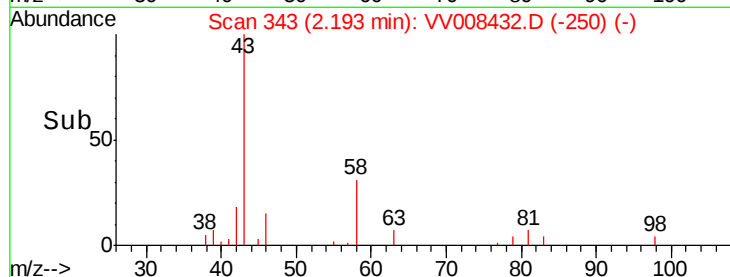
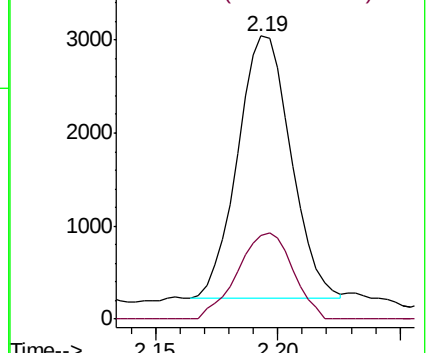
43 100

58 34.1 0.0 61.4



Abundance Ion 43.00 (42.70 to 43.70): VV008432.D (-250) (-)

Ion 58.00 (57.70 to 58.70): VV008432.D (-250) (-)



#22

2-Butanone

Concen: 3.199 ug/L

RT: 4.03 min Scan# 915

Delta R.T. 0.02 min

Lab File: VV008432.D

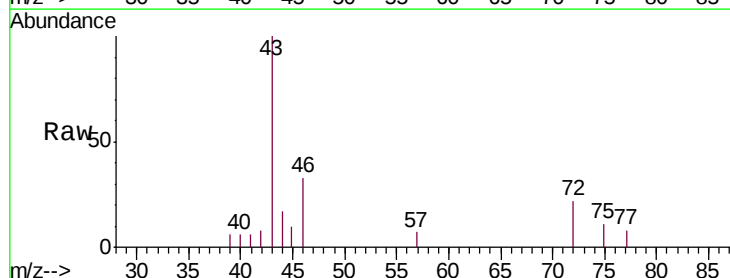
Acq: 26 Oct 2018 14:50

Tgt Ion: 43 Resp: 4224

Ion Ratio Lower Upper

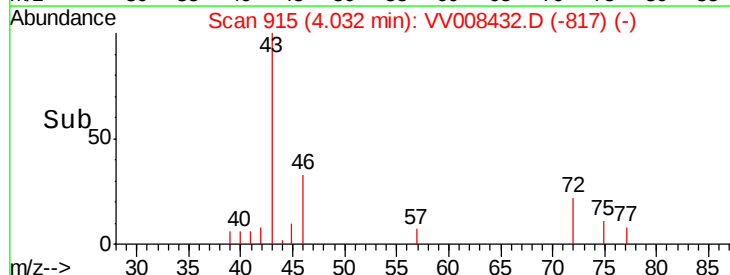
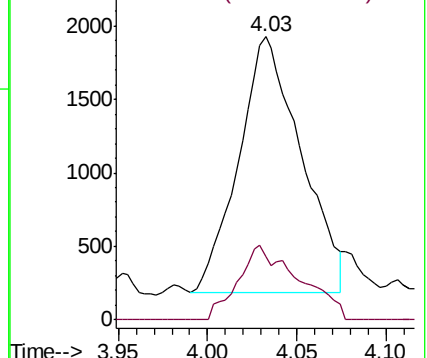
43 100

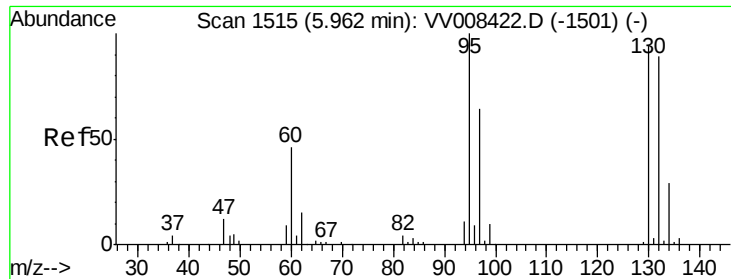
72 15.0 13.0 38.9



Abundance Ion 43.00 (42.70 to 43.70): VV008432.D (-817) (-)

Ion 72.00 (71.70 to 72.70): VV008432.D (-817) (-)

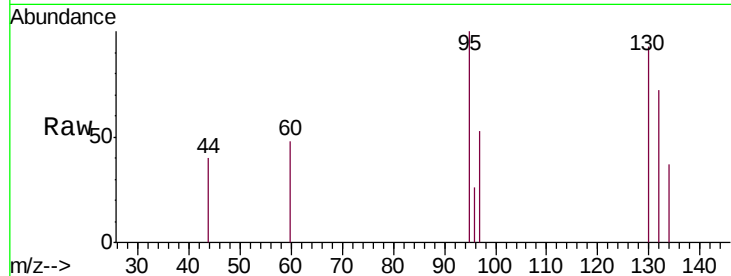




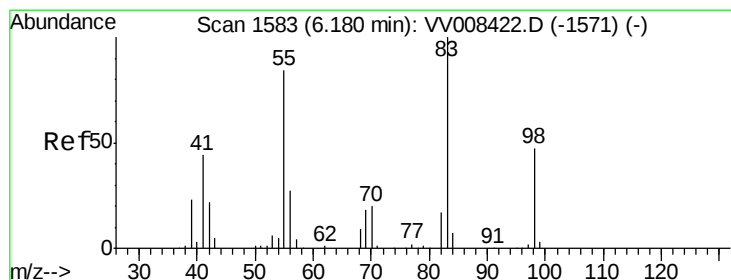
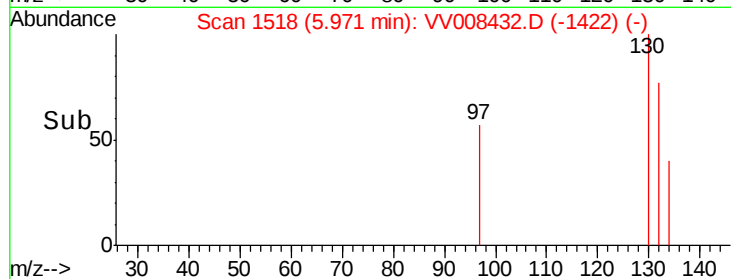
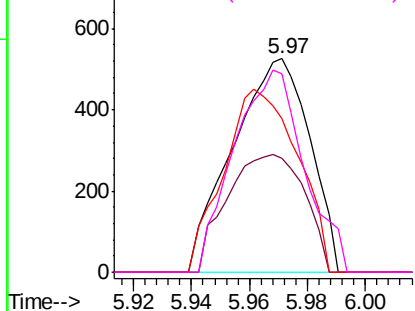
#34
 Trichloroethene
 Concen: 0.654 ug/L
 RT: 5.97 min Scan# 1518
 Delta R.T. 0.01 min
 Lab File: VV008432.D
 Acq: 26 Oct 2018 14:50

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBW7

Tgt Ion: 95 Resp: 971
 Ion Ratio Lower Upper
 95 100
 97 53.2 45.2 84.0
 132 71.7 63.8 118.6
 130 93.0 64.7 120.1

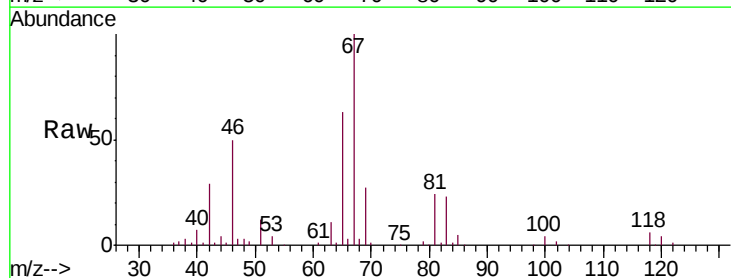


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

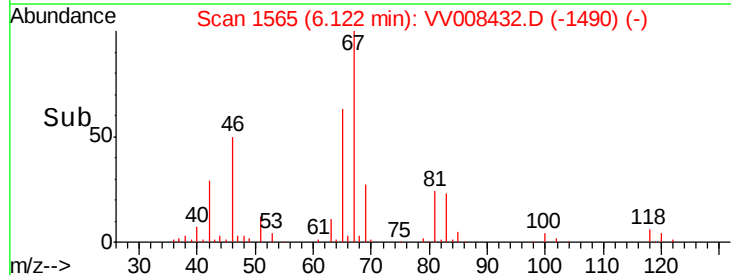
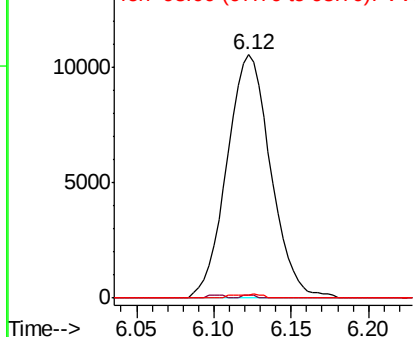


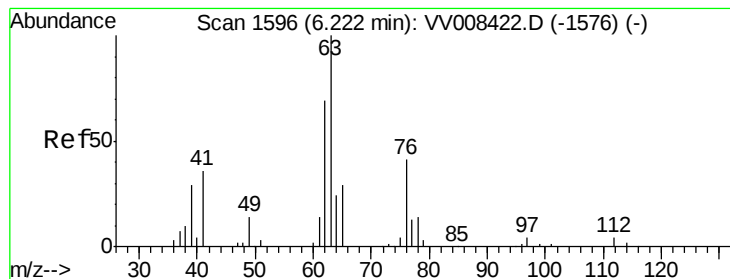
#35
 Methylcyclohexane
 Concen: 8.209 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.06 min
 Lab File: VV008432.D
 Acq: 26 Oct 2018 14:50

Tgt Ion: 83 Resp: 20730
 Ion Ratio Lower Upper
 83 100
 55 0.3 65.0 97.4#
 98 0.7 36.0 54.0#



Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 55.00 (54.70 to 55.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0





#37

1,2-Dichloropropane

Concen: 6.043 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008432.D

Acq: 26 Oct 2018 14:50

Instrument :

MSVOA_V

ClientSampled :

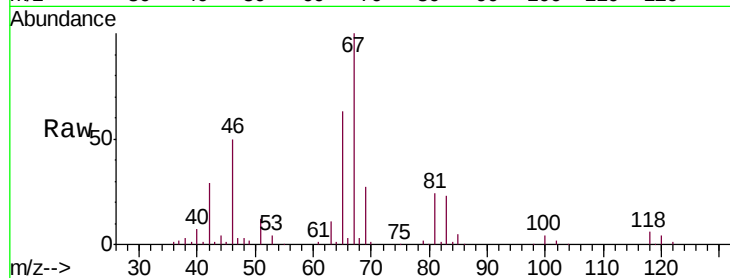
ETBW7

Tgt Ion: 63 Resp: 9683

Ion Ratio Lower Upper

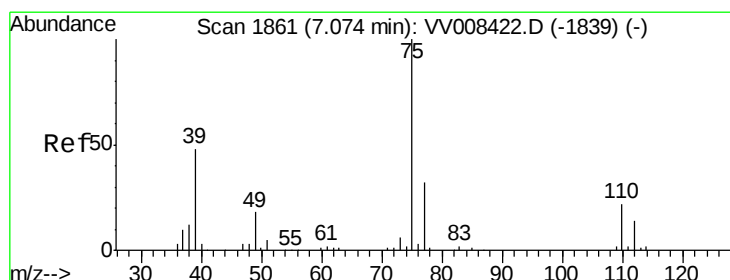
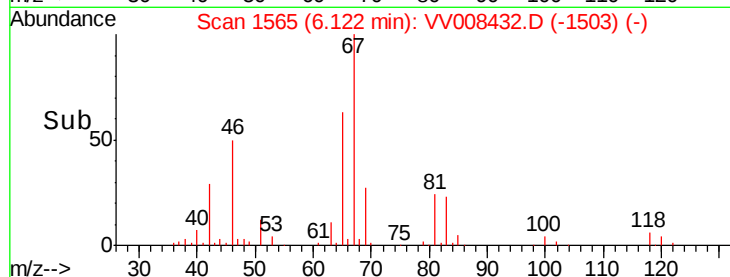
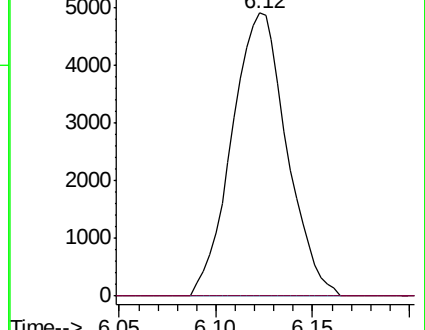
63 100

112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VV008422.D (-1576) (-)

Ion 112.00 (111.70 to 112.70): VV008422.D (-1576) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.975 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008432.D

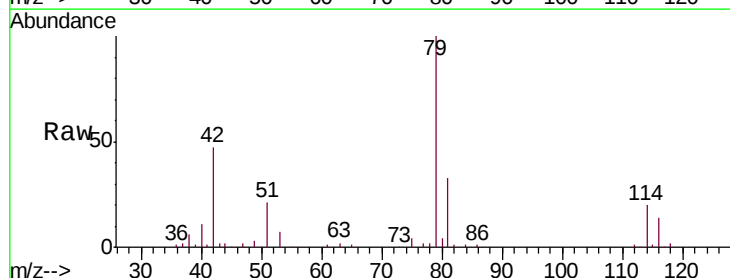
Acq: 26 Oct 2018 14:50

Tgt Ion: 75 Resp: 2457

Ion Ratio Lower Upper

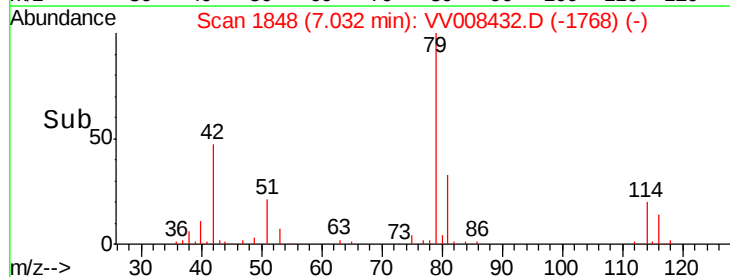
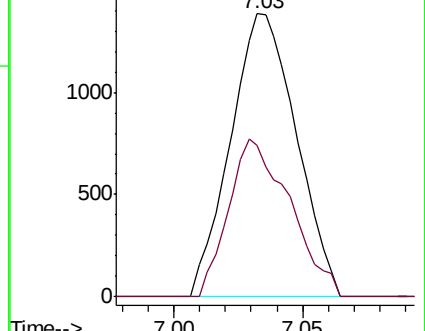
75 100

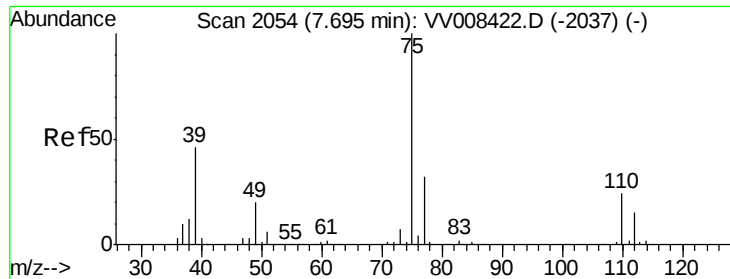
77 53.5 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VV008422.D (-1839) (-)

Ion 77.00 (76.70 to 77.70): VV008422.D (-1839) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.731 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008432.D

Acq: 26 Oct 2018 14:50

Instrument :

MSVOA_V

ClientSampleId :

ETBW7

Tgt Ion: 75 Resp: 1722

Ion Ratio Lower Upper

75 100

77 45.6 21.8 40.4#

