

Data File : VV008463.D
Acq On : 29 Oct 2018 18:58
Operator : SY/MD
Sample : J5716-08
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBW6

Quant Time: Oct 30 07:46:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 07:40:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	179971	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	165758	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68286	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45617	45.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.56%
7) Chloroethane-d5	1.57	69	37080	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.08%
11) 1,1-Dichloroethene-d2	2.13	63	65293	36.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.56%
21) 2-Butanone-d5	3.94	46	109510	101.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.12%
24) Chloroform-d	4.41	84	123225	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.28%
26) 1,2-Dichloroethane-d4	5.09	65	84545	51.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.90%
32) Benzene-d6	5.10	84	243767	51.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.22%
36) 1,2-Dichloropropane-d6	6.12	67	84875	51.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.52%
41) Toluene-d8	7.36	98	219052	51.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.14%
43) trans-1,3-Dichloropropene-	7.67	79	40438	50.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.54%
47) 2-Hexanone-d5	8.14	63	83386	97.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	113301	51.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.04%
64) 1,2-Dichlorobenzene-d4	11.68	152	74507	53.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.68%

Target Compounds

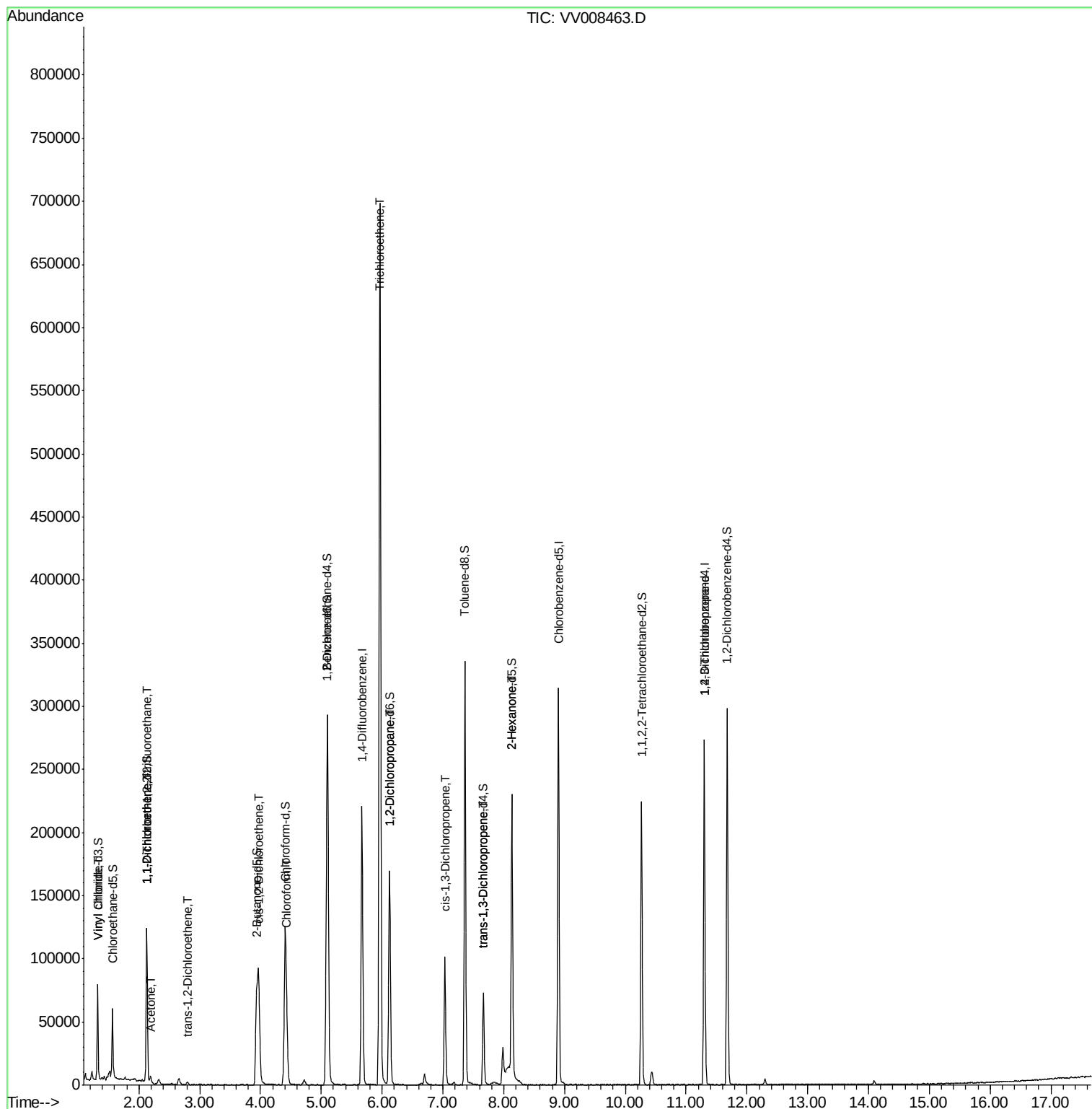
					Qvalue
5) Vinyl chloride	1.33	62	703	0.551 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	500	0.583 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	533	0.660 ug/L #	1
13) Acetone	2.19	43	3136	3.731 ug/L	96
17) trans-1,2-Dichloroethene	2.80	96	834	0.678 ug/L	88
20) cis-1,2-Dichloroethene	3.97	96	41990	29.943 ug/L	98
25) Chloroform	4.43	83	26686	10.768 ug/L	97
34) Trichloroethene	5.96	95	253502	182.745 ug/L	98
37) 1,2-Dichloropropane	6.12	63	9203	6.150 ug/L #	89
39) cis-1,3-Dichloropropene	7.04	75	2316	0.984 ug/L #	65
44) trans-1,3-Dichloropropene	7.67	75	1785	0.811 ug/L #	81
48) 2-Hexanone	8.14	43	9223	5.394 ug/L #	68
59) 1,2,3-Trichloropropane	11.30	75	8373	4.465 ug/L #	84

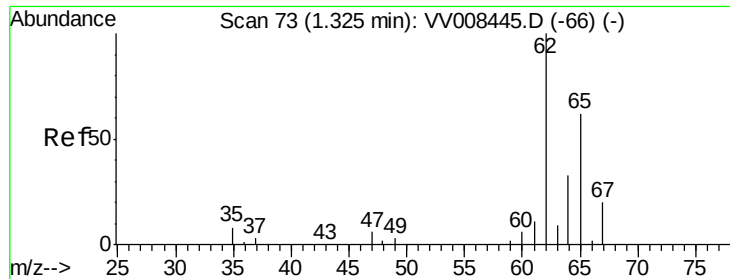
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.551 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV008463.D

Acq: 29 Oct 2018 18:58

Instrument :

MSVOA_V

ClientSampleId :

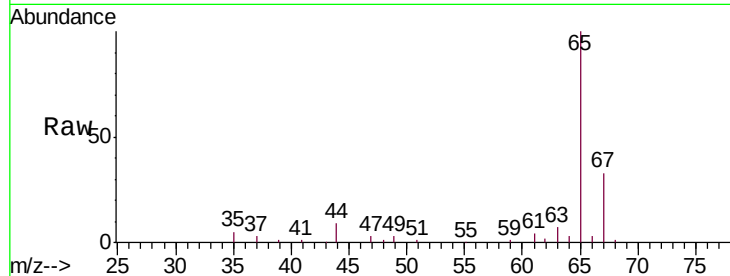
ETBW6

Tgt Ion: 62 Resp: 703

Ion Ratio Lower Upper

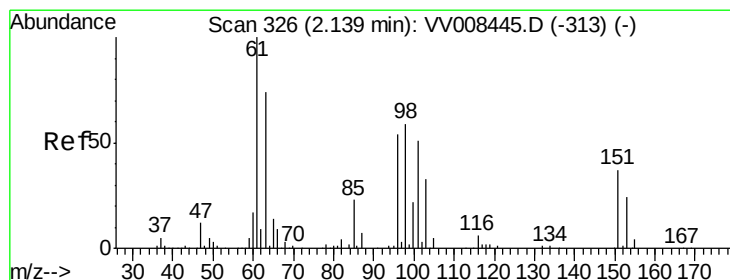
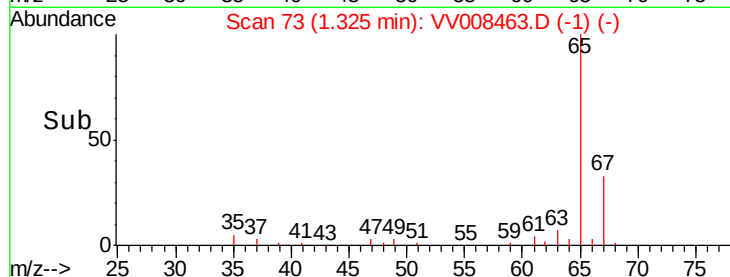
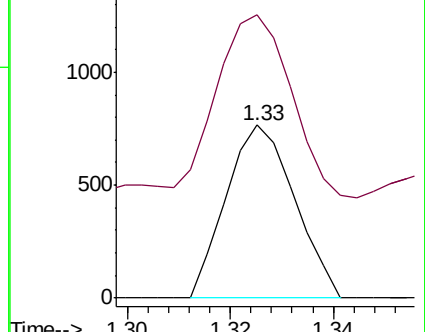
62 100

64 163.6 24.4 45.4#



Abundance Ion 62.00 (61.70 to 62.70): VV008445.D (-66) (-)

Ion 64.00 (63.70 to 64.70): VV008445.D (-66) (-)



#10

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

Concen: 0.583 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008463.D

Acq: 29 Oct 2018 18:58

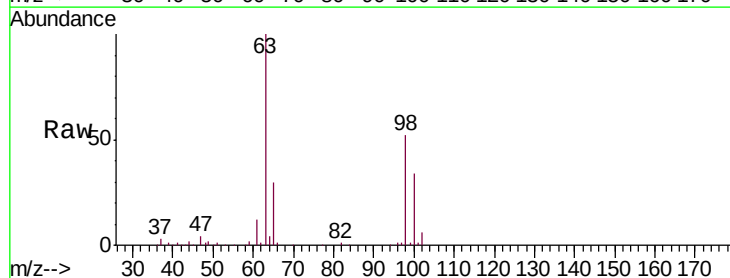
Tgt Ion: 101 Resp: 500

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

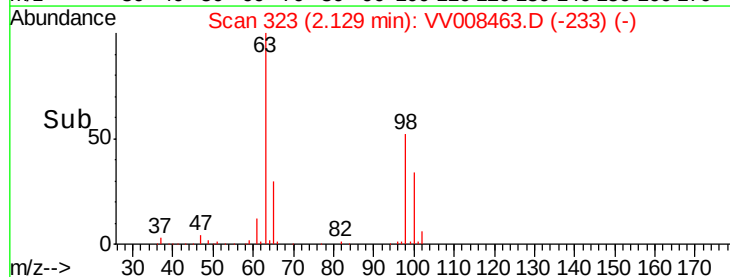
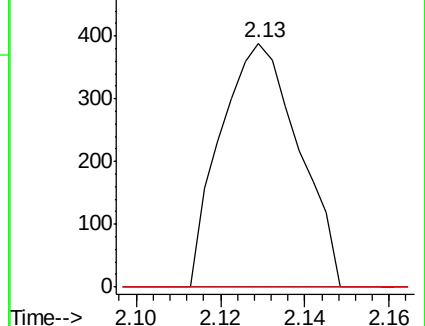
151 0.0 58.1 87.1#

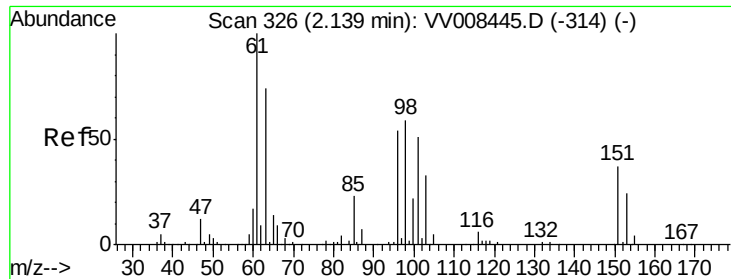


Abundance Ion 101.00 (100.70 to 101.70): VV008445.D (-313) (-)

Ion 85.00 (84.70 to 85.70): VV008445.D (-313) (-)

Ion 151.00 (150.70 to 151.70): VV008445.D (-313) (-)

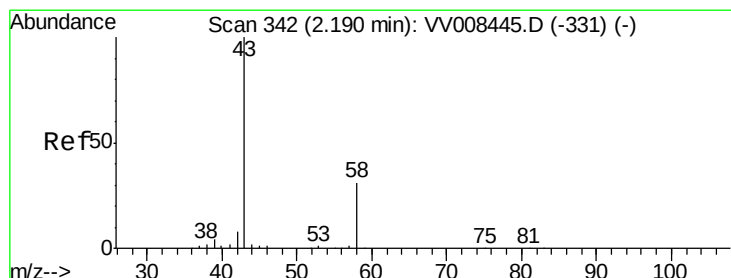
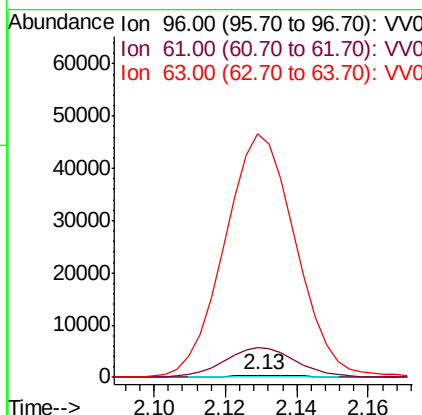
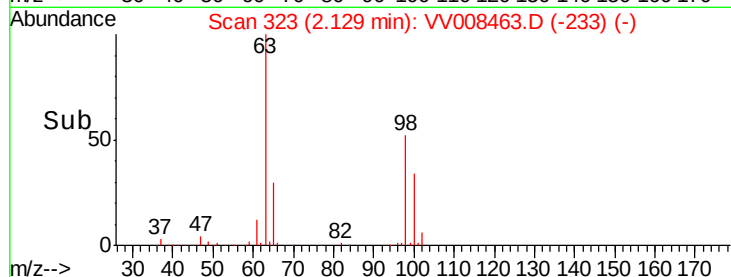
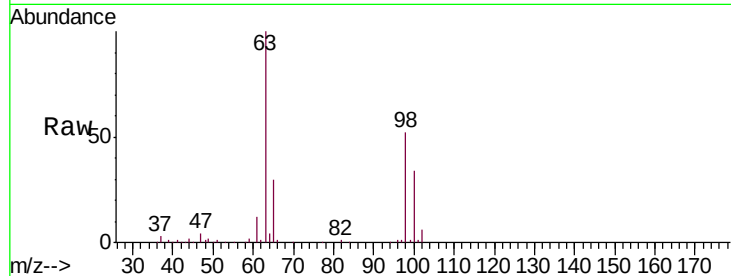




#12
 1,1-Dichloroethene
 Concen: 0.660 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008463.D
 Acq: 29 Oct 2018 18:58

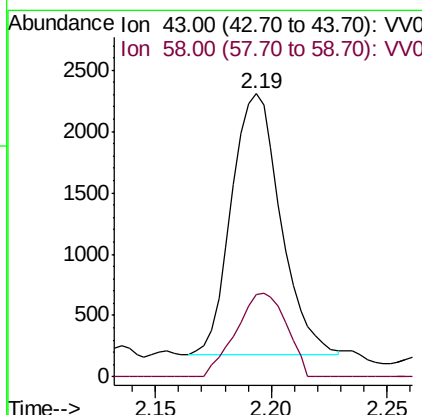
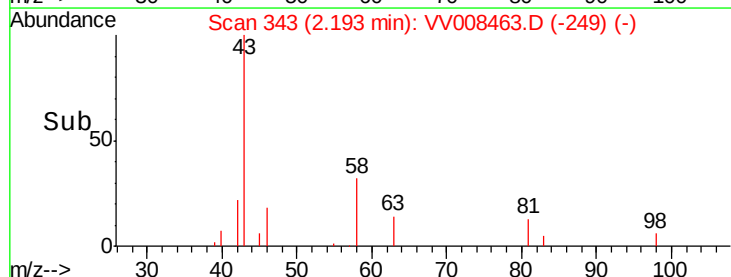
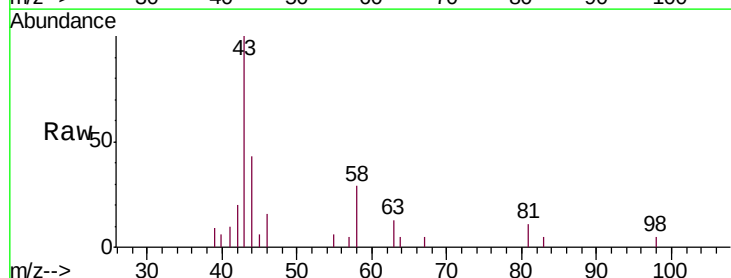
Instrument :
 MSVOA_V
 ClientSampleId :
 ETBW6

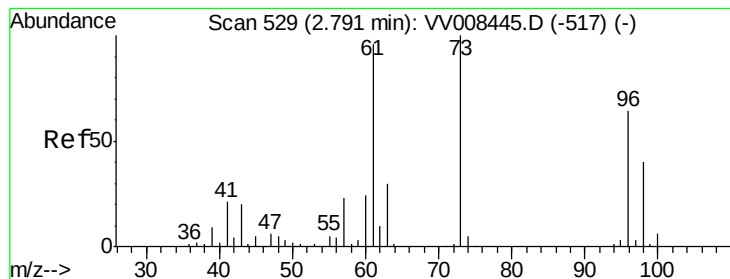
Tgt Ion: 96 Resp: 533
 Ion Ratio Lower Upper
 96 100
 61 1724.3 130.3 242.1#
 63 13991.6 84.4 156.8#



#13
 Acetone
 Concen: 3.731 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VV008463.D
 Acq: 29 Oct 2018 18:58

Tgt Ion: 43 Resp: 3136
 Ion Ratio Lower Upper
 43 100
 58 32.9 0.0 61.4





#17

trans-1,2-Dichloroethene

Concen: 0.678 ug/L

RT: 2.80 min Scan# 531

Delta R.T. 0.01 min

Lab File: VV008463.D

Acq: 29 Oct 2018 18:58

Instrument :

MSVOA_V

ClientSampleId :

ETBW6

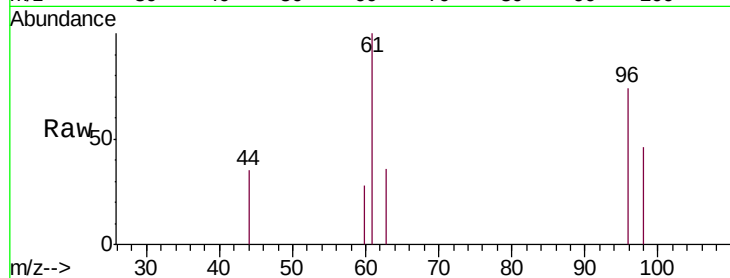
Tgt Ion: 96 Resp: 834

Ion Ratio Lower Upper

96 100

61 134.8 108.6 201.6

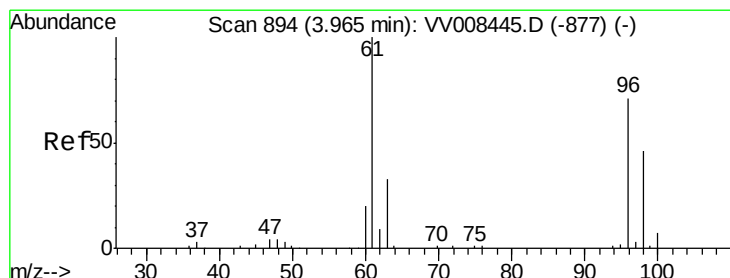
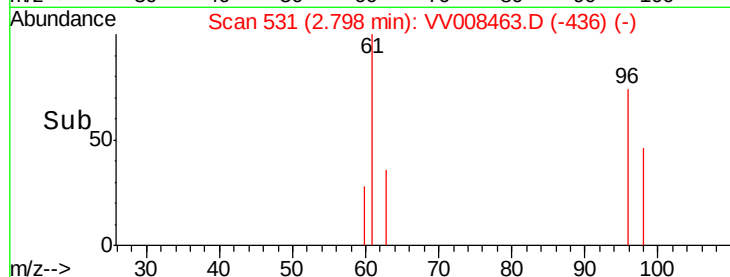
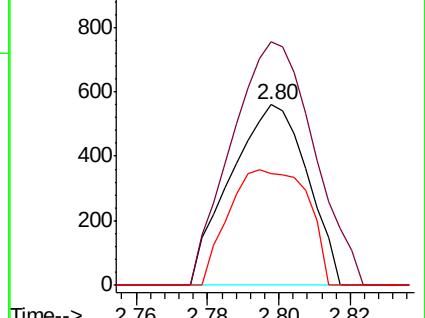
98 62.0 44.3 82.3



Abundance Ion 96.00 (95.70 to 96.70): VV008445.D (-517) (-)

Ion 61.00 (60.70 to 61.70): VV008445.D (-517) (-)

Ion 98.00 (97.70 to 98.70): VV008445.D (-517) (-)



#20

cis-1,2-Dichloroethene

Concen: 29.943 ug/L

RT: 3.97 min Scan# 896

Delta R.T. 0.01 min

Lab File: VV008463.D

Acq: 29 Oct 2018 18:58

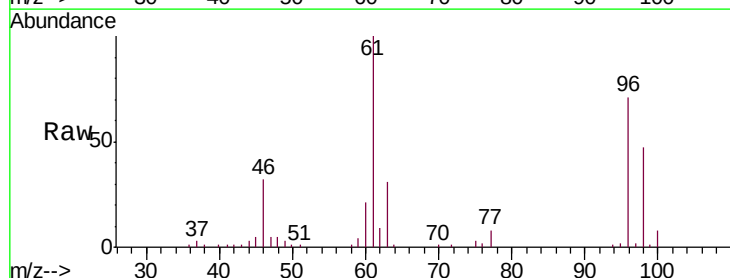
Tgt Ion: 96 Resp: 41990

Ion Ratio Lower Upper

96 100

61 141.5 100.9 187.5

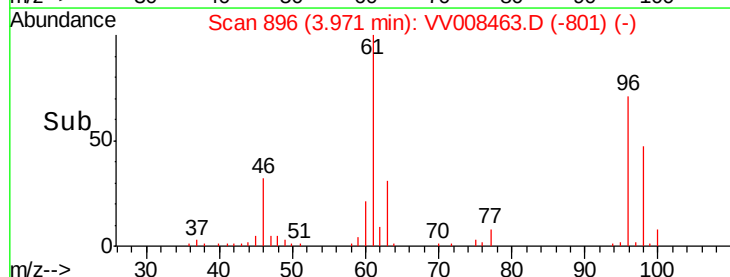
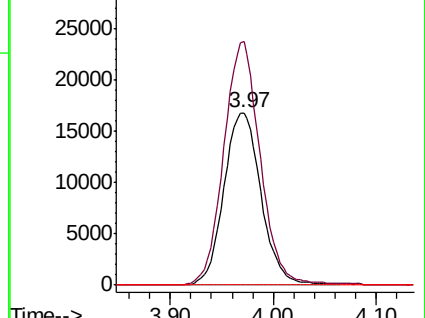
68 0.0 0.0 0.0

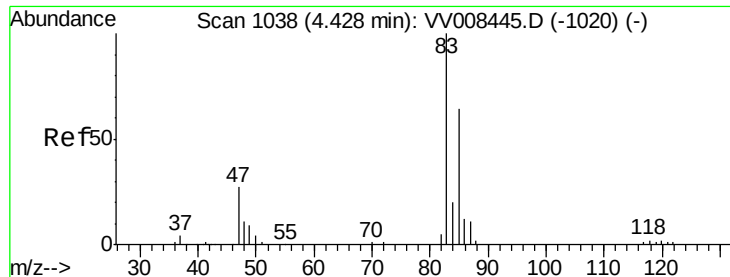


Abundance Ion 96.00 (95.70 to 96.70): VV008445.D (-877) (-)

Ion 61.00 (60.70 to 61.70): VV008445.D (-877) (-)

Ion 68.00 (67.70 to 68.70): VV008445.D (-877) (-)

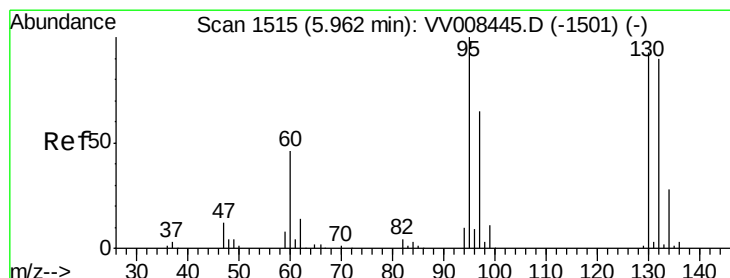
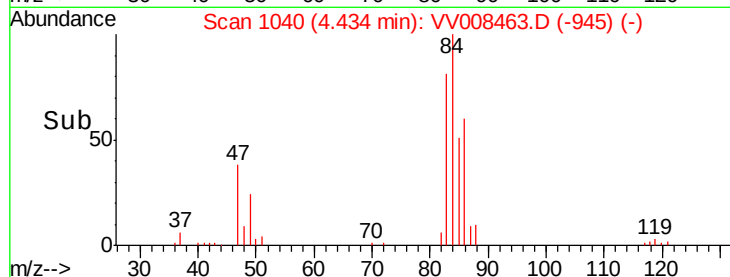
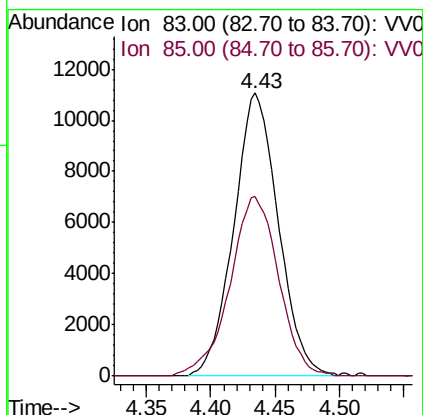
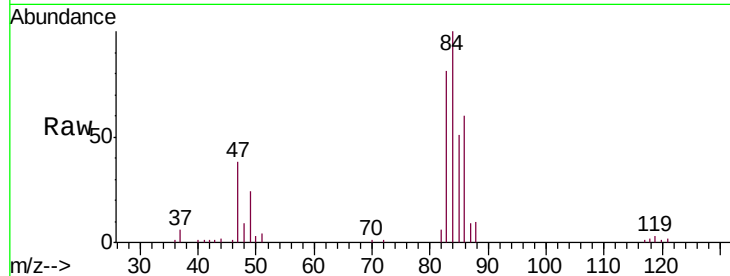




#25
Chloroform
Concen: 10.768 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VV008463.D
Acq: 29 Oct 2018 18:58

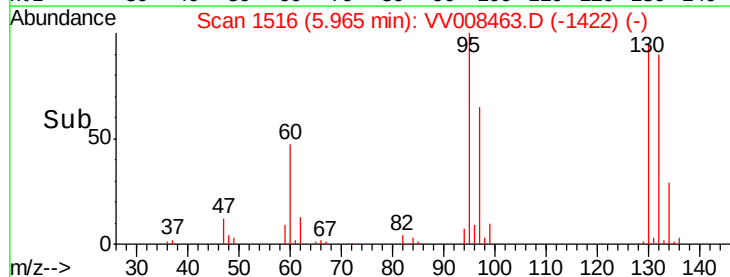
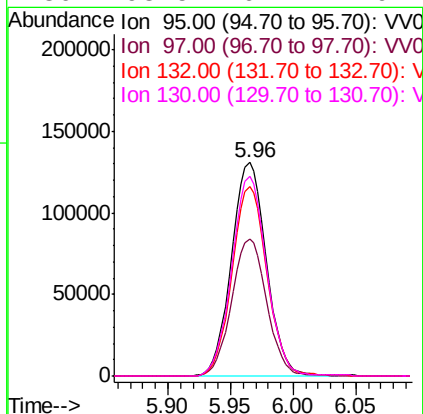
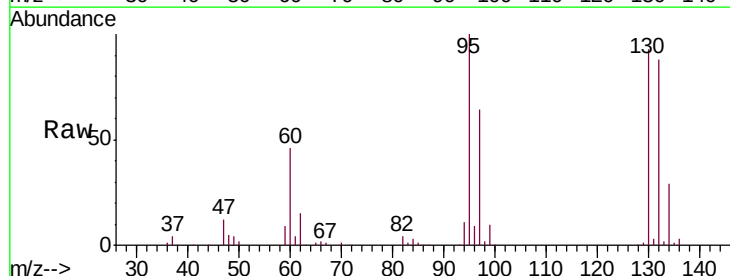
Instrument :
MSVOA_V
ClientSampled :
ETBW6

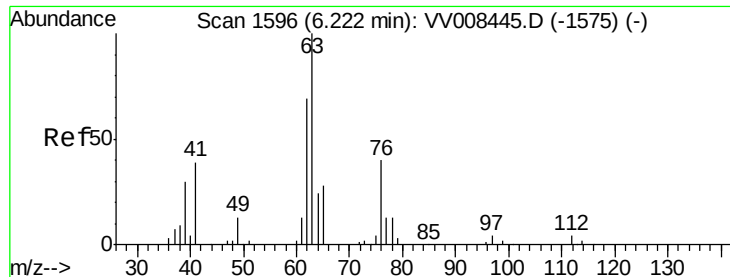
Tgt Ion: 83 Resp: 26686
Ion Ratio Lower Upper
83 100
85 63.4 45.8 85.2



#34
Trichloroethene
Concen: 182.745 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV008463.D
Acq: 29 Oct 2018 18:58

Tgt Ion: 95 Resp: 253502
Ion Ratio Lower Upper
95 100
97 64.1 45.2 84.0
132 88.5 63.8 118.6
130 93.5 64.7 120.1

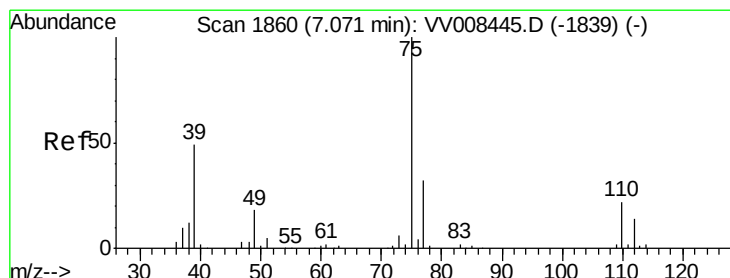
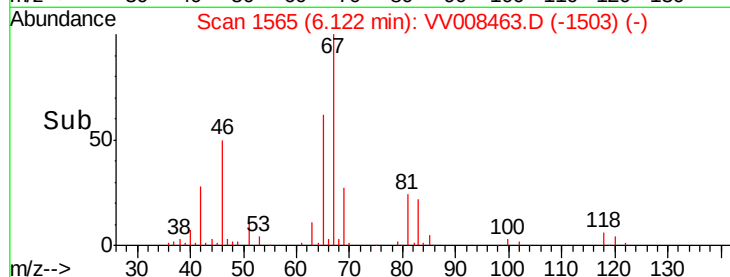
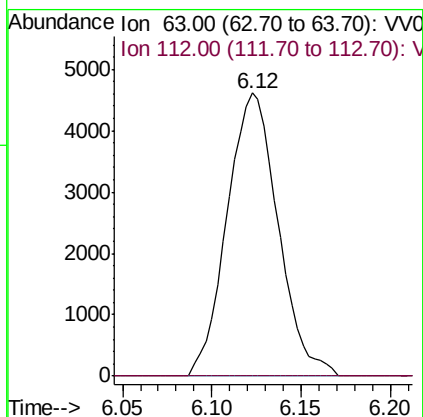
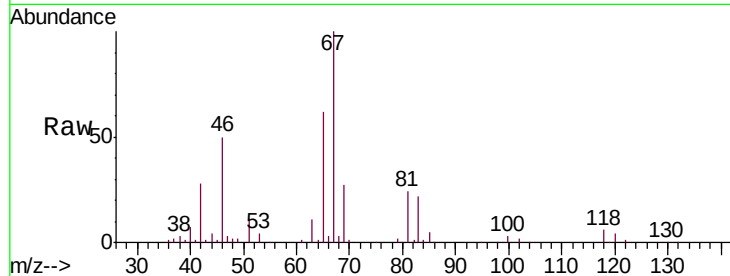




#37
 1,2-Dichloropropane
 Concen: 6.150 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008463.D
 Acq: 29 Oct 2018 18:58

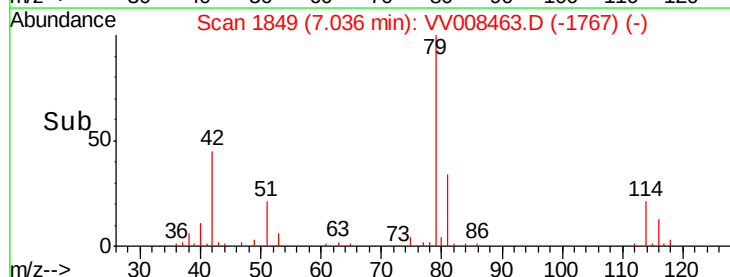
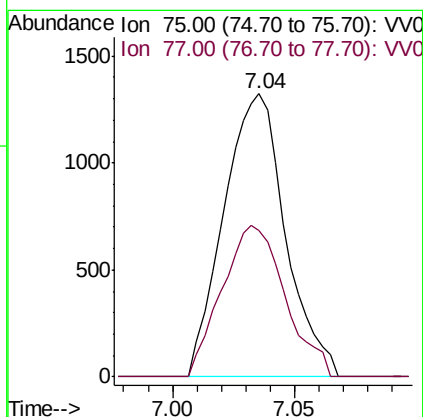
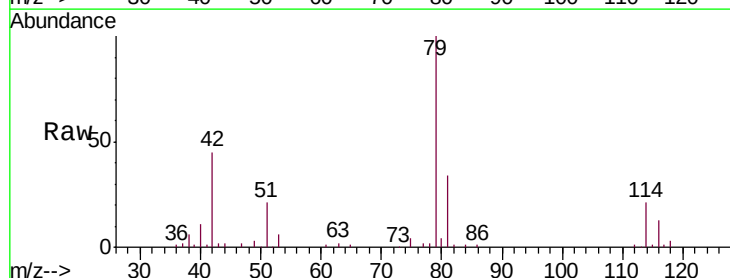
Instrument :
 MSVOA_V
 ClientSampled :
 ETBW6

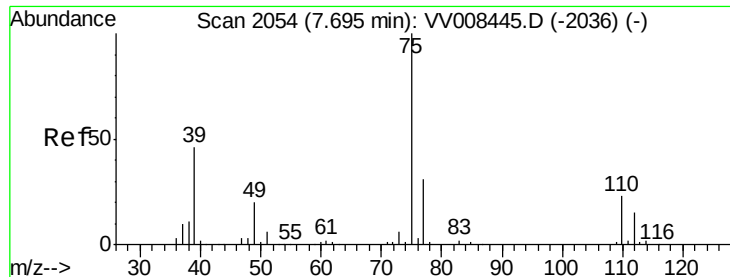
Tgt Ion: 63 Resp: 9203
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.984 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008463.D
 Acq: 29 Oct 2018 18:58

Tgt Ion: 75 Resp: 2316
 Ion Ratio Lower Upper
 75 100
 77 51.9 22.6 42.0#





#44

trans-1,3-Dichloropropene

Concen: 0.811 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008463.D

Acq: 29 Oct 2018 18:58

Instrument :

MSVOA_V

ClientSampleId :

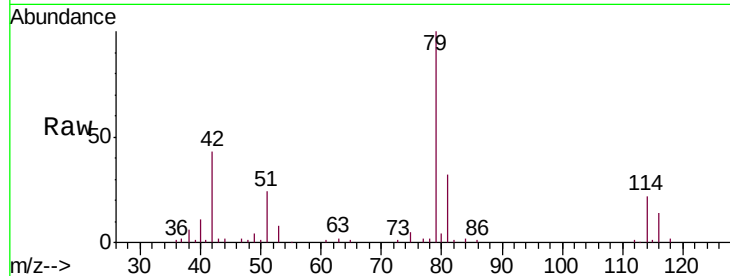
ETBW6

Tgt Ion: 75 Resp: 1785

Ion Ratio Lower Upper

75 100

77 41.3 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VV008445.D (-2036) (-)

Ion 77.00 (76.70 to 77.70): VV008445.D (-2036) (-)

7.67

1200

1000

800

600

400

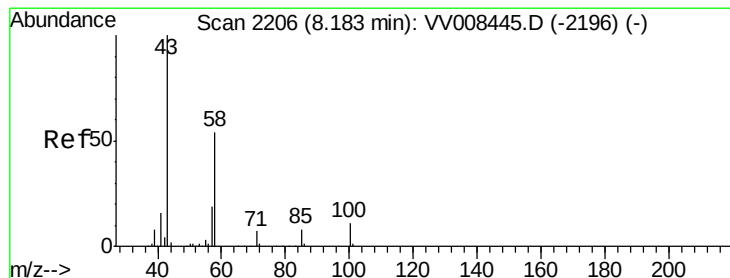
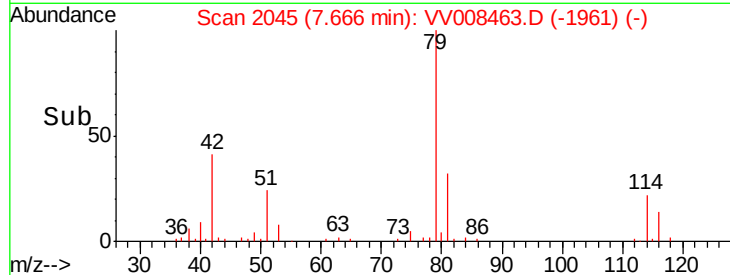
200

0

7.65

7.70

Time-->



#48

2-Hexanone

Concen: 5.394 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV008463.D

Acq: 29 Oct 2018 18:58

Tgt Ion: 43 Resp: 9223

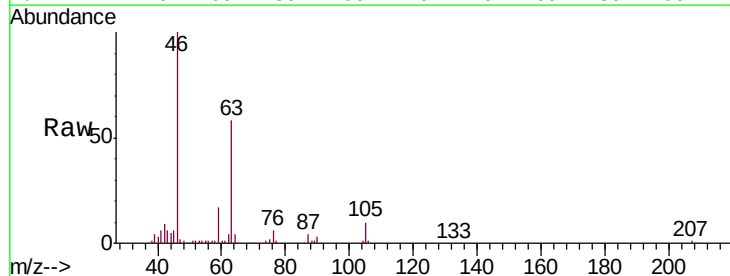
Ion Ratio Lower Upper

43 100

58 24.5 42.6 63.8#

57 22.4 14.8 22.2#

100 0.0 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VV008445.D (-2196) (-)

Ion 58.00 (57.70 to 58.70): VV008445.D (-2196) (-)

Ion 57.00 (56.70 to 57.70): VV008445.D (-2196) (-)

Ion 100.00 (99.70 to 100.70): VV008445.D (-2196) (-)

8.14

8000

6000

4000

2000

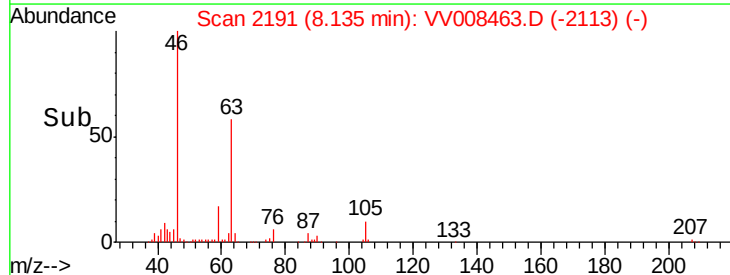
0

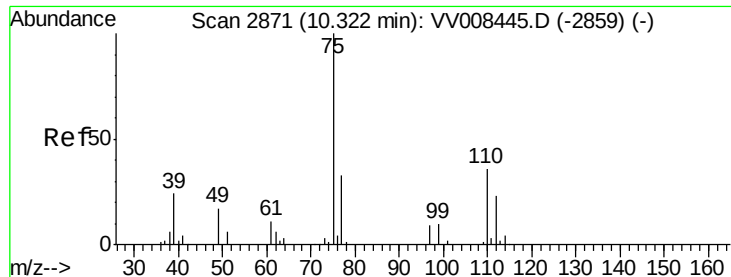
8.10

8.15

8.20

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.465 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008463.D

Acq: 29 Oct 2018 18:58

Instrument :

MSVOA_V

ClientSampleId :

ETBW6

Tgt Ion: 75 Resp: 8373

Ion Ratio Lower Upper

75 100

77 41.1 25.8 38.8#

