

Data File : VV007864.D
Acq On : 25 Sep 2018 19:40
Operator : SY/MD
Sample : J5045-06
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E5FG1RE

Quant Time: Sep 26 05:00:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 26 04:58:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	197775	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	192589	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	96813	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55472	44.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.50%
7) Chloroethane-d5	1.59	69	51169	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.58%
11) 1,1-Dichloroethene-d2	2.14	63	93272	35.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.62%
21) 2-Butanone-d5	3.95	46	75285	90.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.10%
24) Chloroform-d	4.41	84	115627	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.09	65	88707	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
32) Benzene-d6	5.11	84	246044	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.13	67	79008	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.84%
41) Toluene-d8	7.36	98	239661	46.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.67	79	33906	44.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.18%
47) 2-Hexanone-d5	8.14	63	64606	94.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.72%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	107792	45.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.42%
64) 1,2-Dichlorobenzene-d4	11.68	152	104063	48.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.70%

Target Compounds

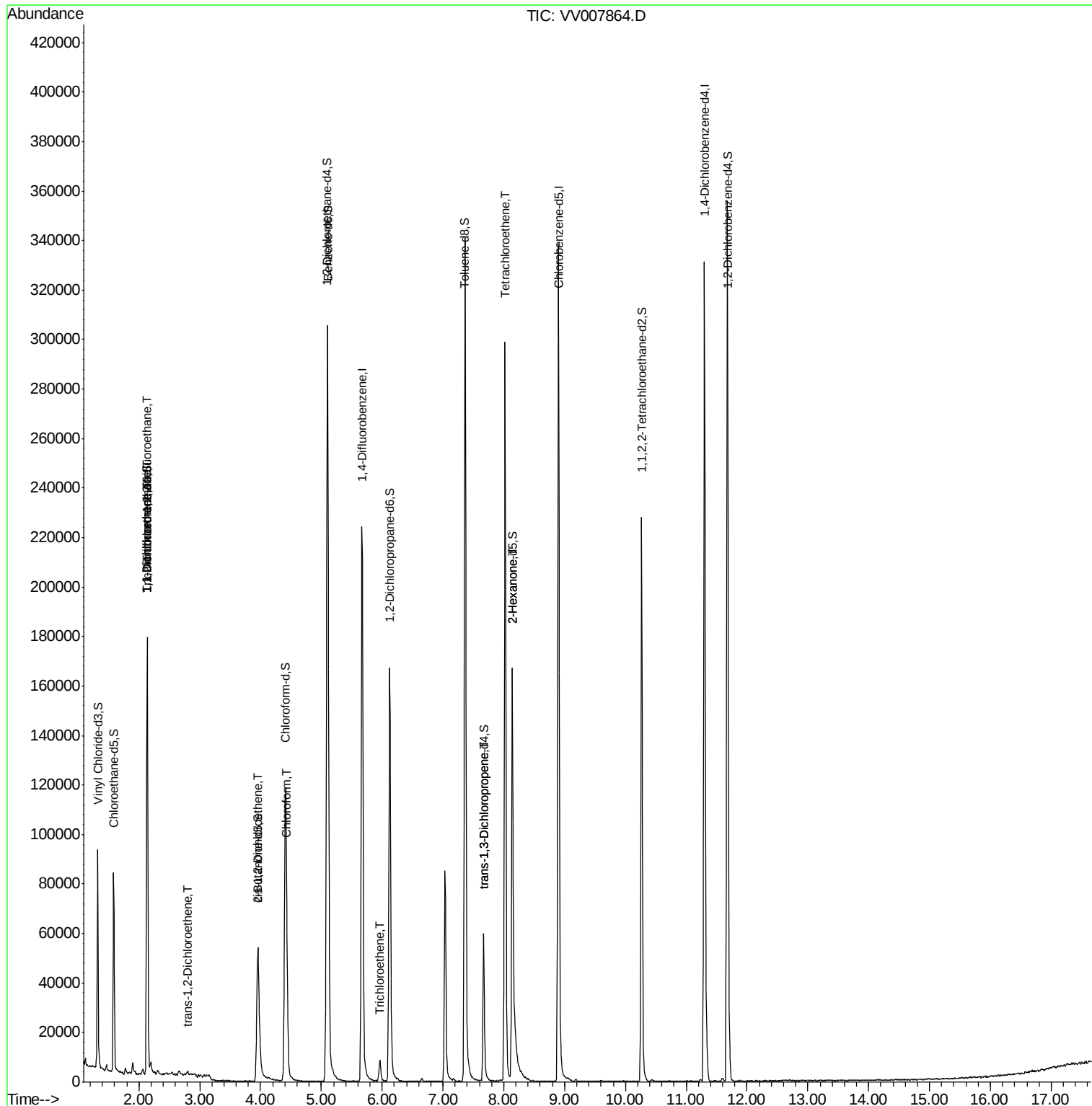
						Qvalue
9) Trichlorofluoromethane	2.14	101	958	0.395	ug/L #	39
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	958	0.707	ug/L #	15
12) 1,1-Dichloroethene	2.14	96	773	0.635	ug/L #	1
17) trans-1,2-Dichloroethene	2.80	96	411	0.317	ug/L	73
20) cis-1,2-Dichloroethene	3.96	96	2042	1.452	ug/L	72
25) Chloroform	4.44	83	24769	9.367	ug/L	98
34) Trichloroethene	5.97	95	2550	1.775	ug/L	84
44) trans-1,3-Dichloropropene	7.67	75	1543	0.774	ug/L #	72
46) Tetrachloroethene	8.02	164	70259	50.897	ug/L	98
48) 2-Hexanone	8.14	43	7615	4.937	ug/L #	75

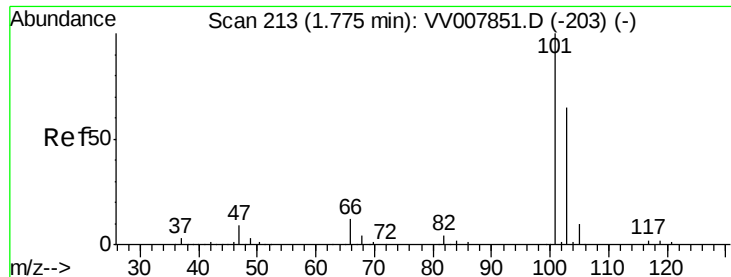
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Sep 26 04:58:06 2018
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.395 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.36 min

Lab File: VV007864.D

Acq: 25 Sep 2018 19:40

Instrument :

MSVOA_V

ClientSampleId :

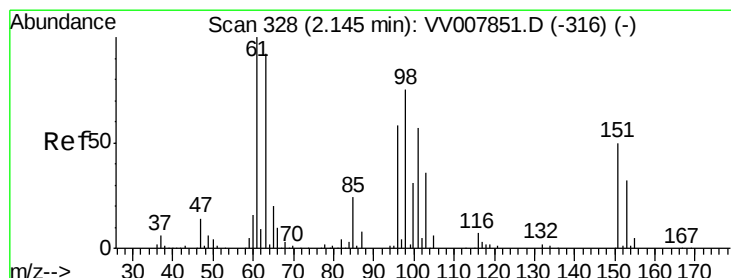
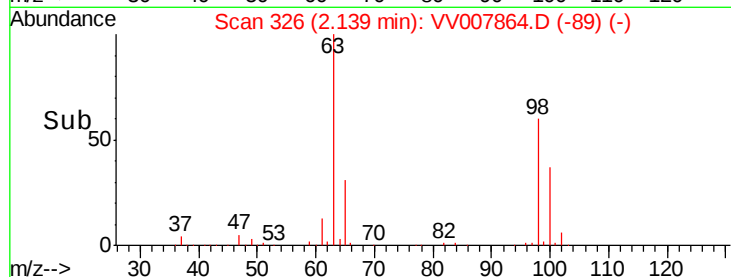
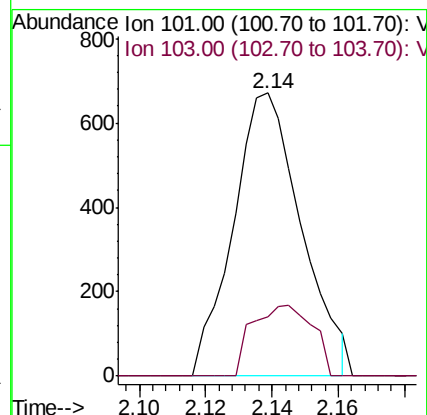
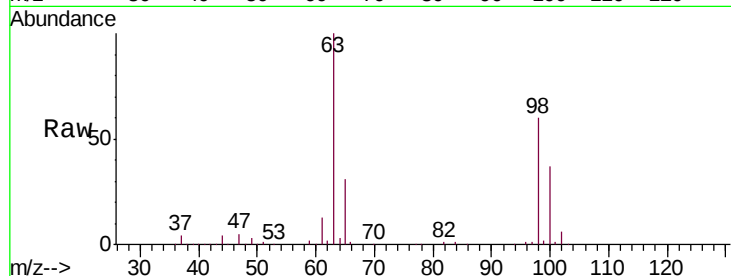
E5FG1RE

Tgt Ion:101 Resp: 958

Ion Ratio Lower Upper

101 100

103 17.1 52.4 78.6#



#10

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

Concen: 0.707 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007864.D

Acq: 25 Sep 2018 19:40

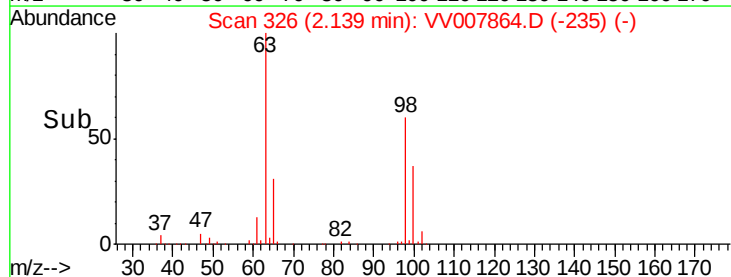
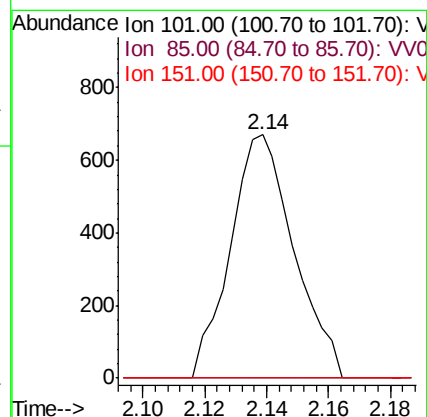
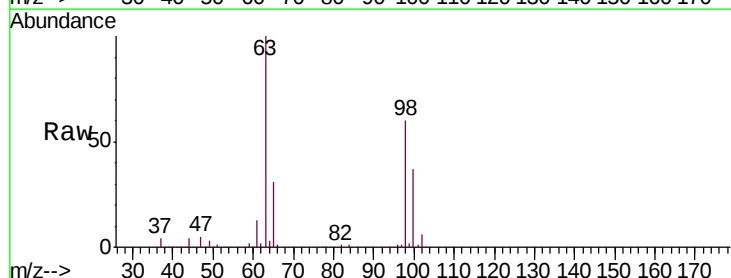
Tgt Ion:101 Resp: 958

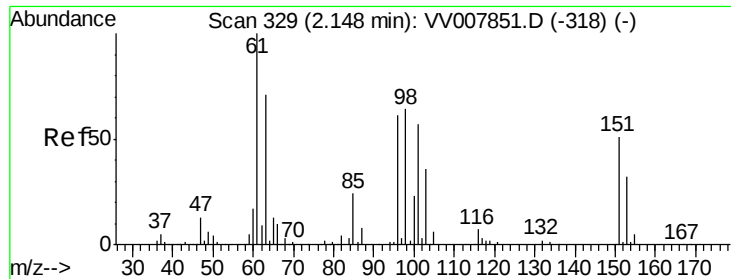
Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.2#

151 0.0 69.7 104.5#

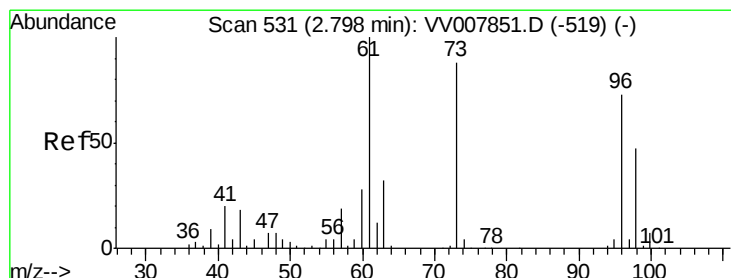
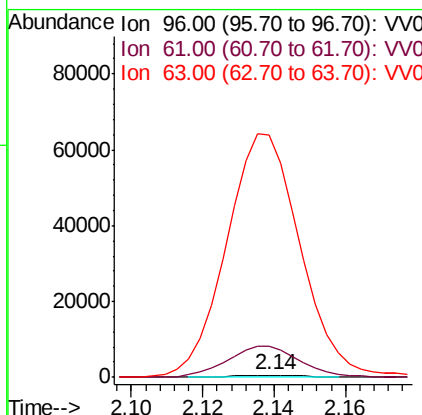
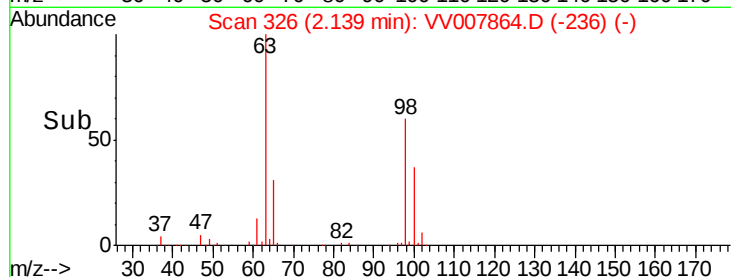
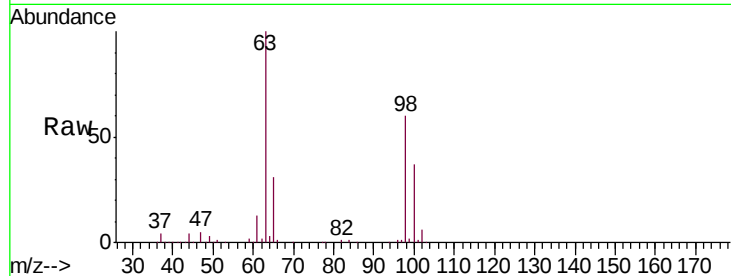




#12
 1,1-Dichloroethene
 Concen: 0.635 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. -0.01 min
 Lab File: VV007864.D
 Acq: 25 Sep 2018 19:40

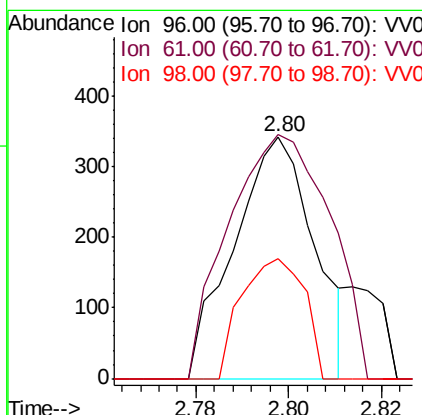
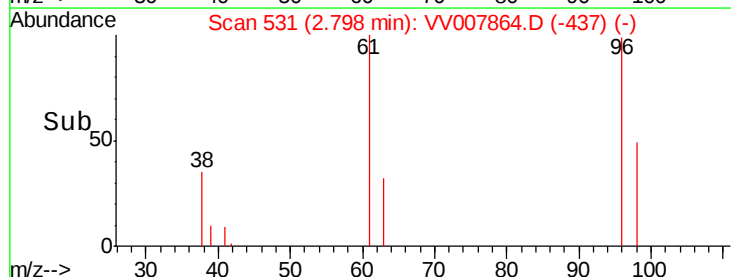
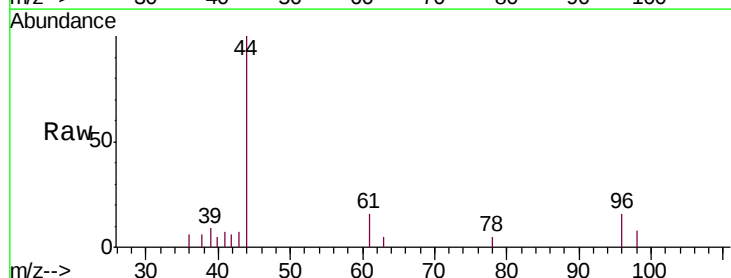
Instrument :
 MSVOA_V
 ClientSampleId :
 E5FG1RE

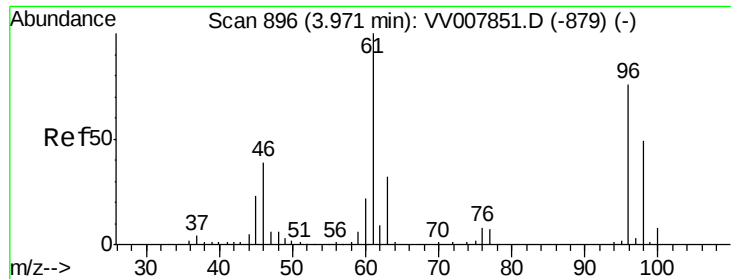
Tgt Ion: 96 Resp: 773
 Ion Ratio Lower Upper
 96 100
 61 1383.8 116.1 215.7#
 63 10771.0 86.5 160.7#



#17
 trans-1,2-Dichloroethene
 Concen: 0.317 ug/L
 RT: 2.80 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VV007864.D
 Acq: 25 Sep 2018 19:40

Tgt Ion: 96 Resp: 411
 Ion Ratio Lower Upper
 96 100
 61 100.9 96.8 179.8
 98 49.3 44.9 83.3

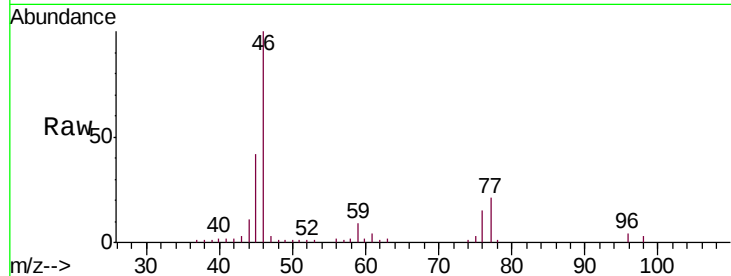




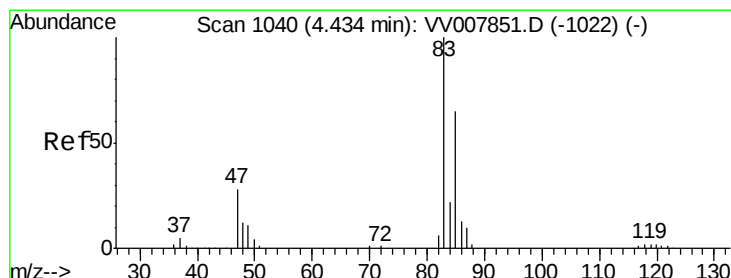
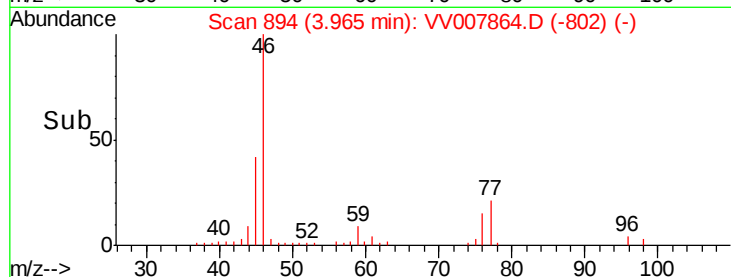
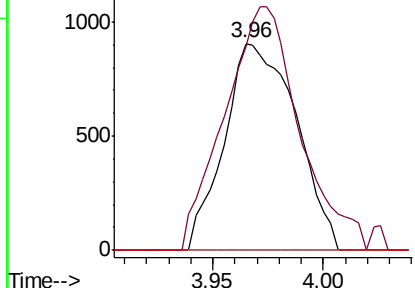
#20
 cis-1,2-Dichloroethene
 Concen: 1.452 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: VV007864.D
 Acq: 25 Sep 2018 19:40

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FG1RE

Tgt Ion: 96 Resp: 2042
 Ion Ratio Lower Upper
 96 100
 61 98.8 92.6 172.0
 68 0.0 0.0 0.0

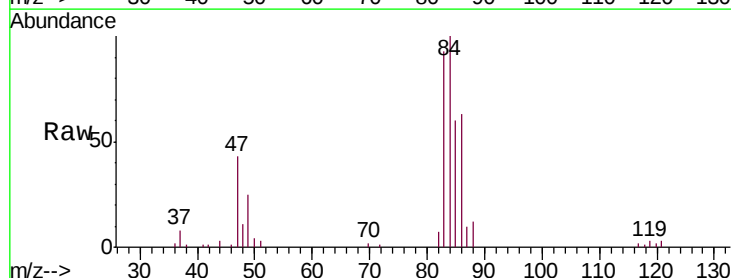


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

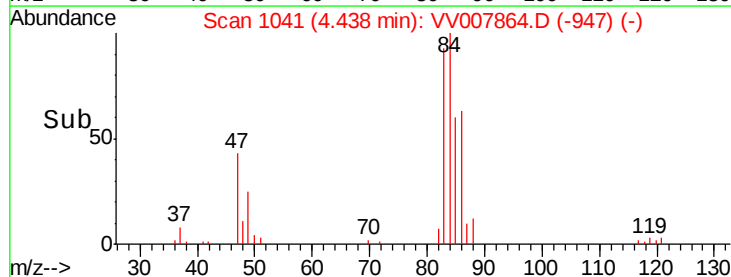
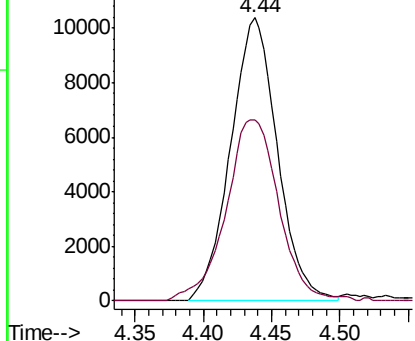


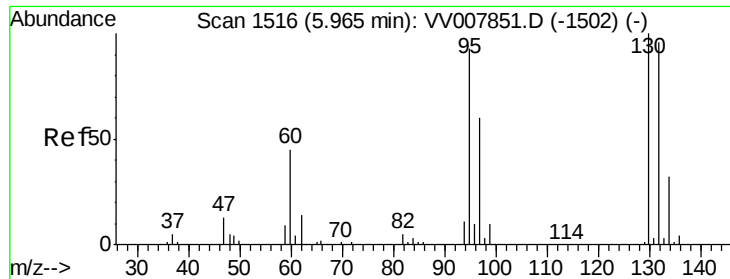
#25
 Chloroform
 Concen: 9.367 ug/L
 RT: 4.44 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VV007864.D
 Acq: 25 Sep 2018 19:40

Tgt Ion: 83 Resp: 24769
 Ion Ratio Lower Upper
 83 100
 85 64.1 45.9 85.3



Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 1.775 ug/L

RT: 5.97 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VV007864.D

Acq: 25 Sep 2018 19:40

Instrument :

MSVOA_V

ClientSampleId :

E5FG1RE

Tgt Ion: 95 Resp: 2550

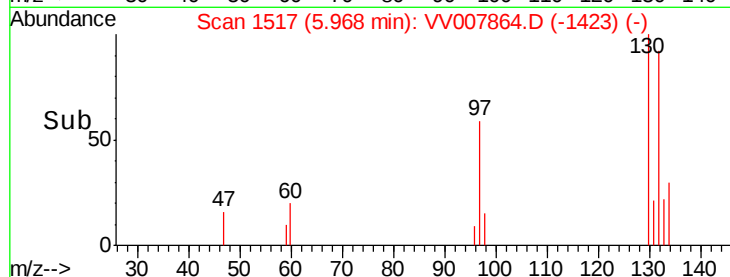
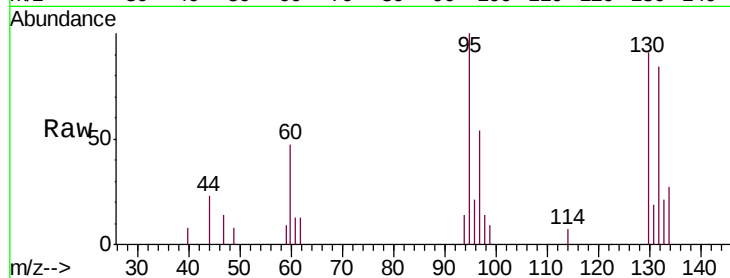
Ion Ratio Lower Upper

95 100

97 54.1 45.4 84.2

132 84.1 72.2 134.0

130 91.5 75.5 140.3

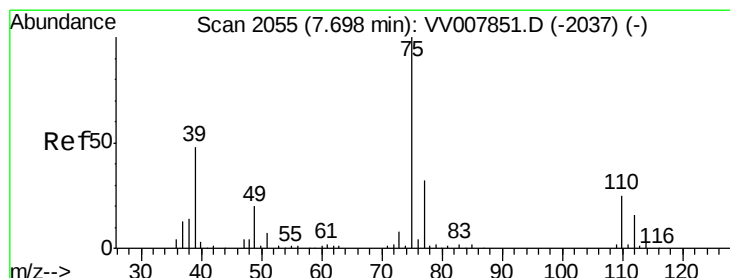
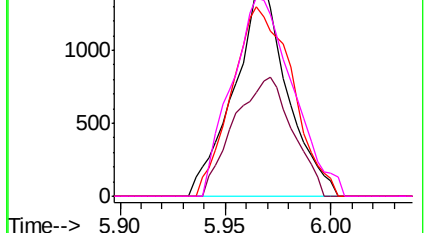


Abundance Ion 95.00 (94.70 to 95.70): VV007851.D (-1502) (-)

Ion 97.00 (96.70 to 97.70): VV007851.D (-1502) (-)

Ion 132.00 (131.70 to 132.70): VV007851.D (-1502) (-)

Ion 130.00 (129.70 to 130.70): VV007851.D (-1502) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.774 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.03 min

Lab File: VV007864.D

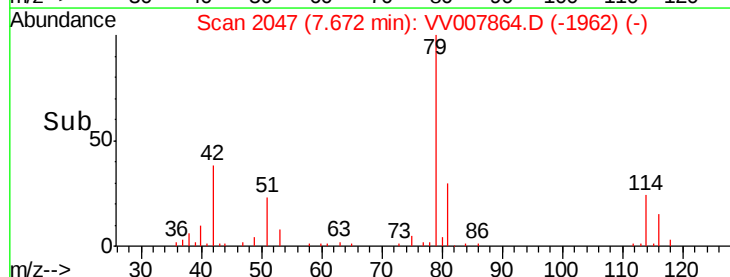
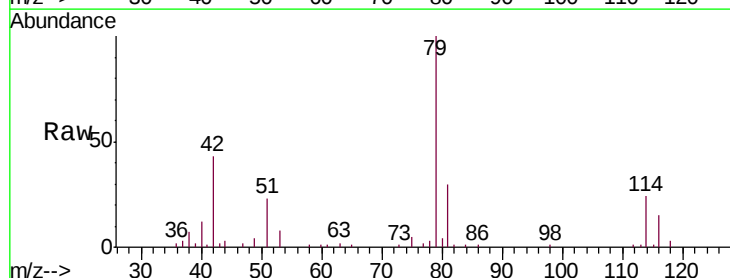
Acq: 25 Sep 2018 19:40

Tgt Ion: 75 Resp: 1543

Ion Ratio Lower Upper

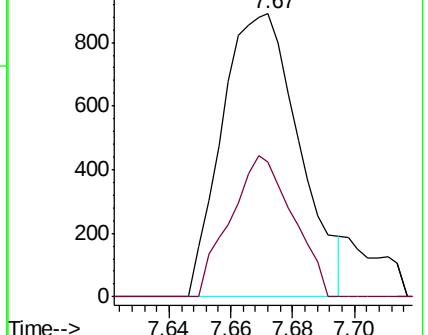
75 100

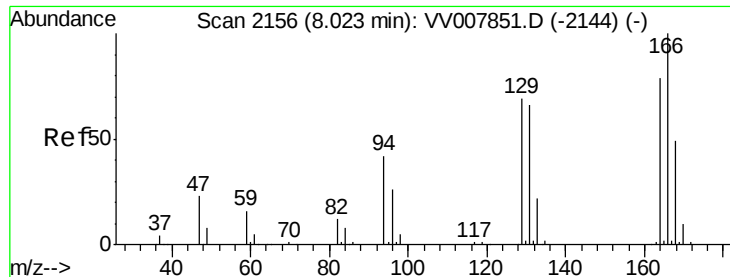
77 47.9 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VV007851.D (-2037) (-)

Ion 77.00 (76.70 to 77.70): VV007851.D (-2037) (-)





#46

Tetrachloroethene

Concen: 50.897 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007864.D

Acq: 25 Sep 2018 19:40

Instrument :

MSVOA_V

ClientSampleId :

E5FG1RE

Tgt Ion:164 Resp: 70259

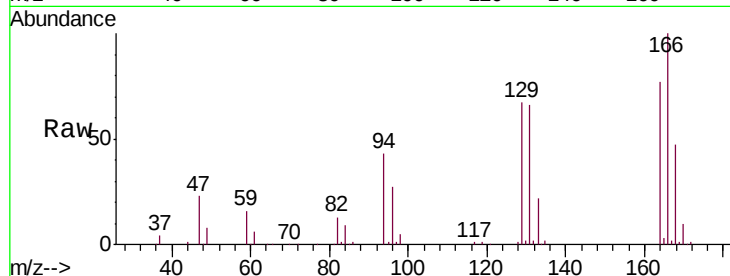
Ion Ratio Lower Upper

164 100

129 86.7 60.9 113.1

131 86.3 58.8 109.2

166 130.1 88.8 164.8

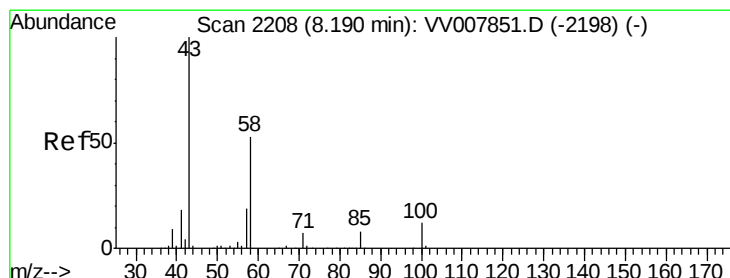
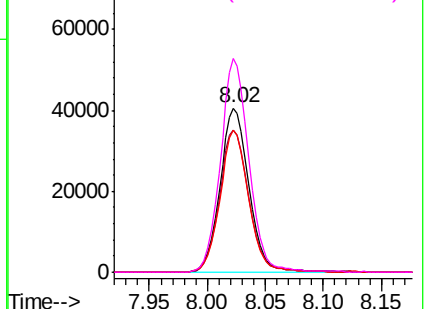
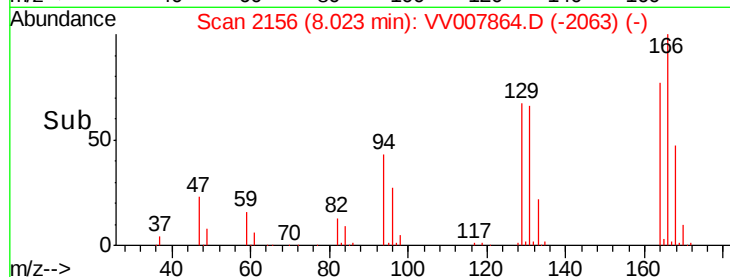


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 4.937 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV007864.D

Acq: 25 Sep 2018 19:40

Tgt Ion: 43 Resp: 7615

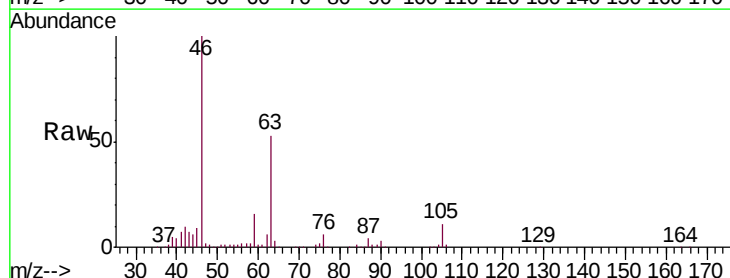
Ion Ratio Lower Upper

43 100

58 33.9 41.1 61.7#

57 27.8 14.3 21.5#

100 0.0 9.9 14.9#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

