

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111918\
 Data File : VV008645.D
 Acq On : 19 Nov 2018 12:45
 Operator : SY/MD
 Sample : J5995-01
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0FG6

Quant Time: Nov 20 06:59:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 20 06:56:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	146932	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	132234	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58046	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29316	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.59	69	24188	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.14	63	44938	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	3.96	46	110579	47.35	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.70%
24) Chloroform-d	4.41	84	79356	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.09	65	42042	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.10	84	160430	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.12	67	51522	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.36	98	141487	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.67	79	17475	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.14	63	84138	43.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35696	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	48262	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

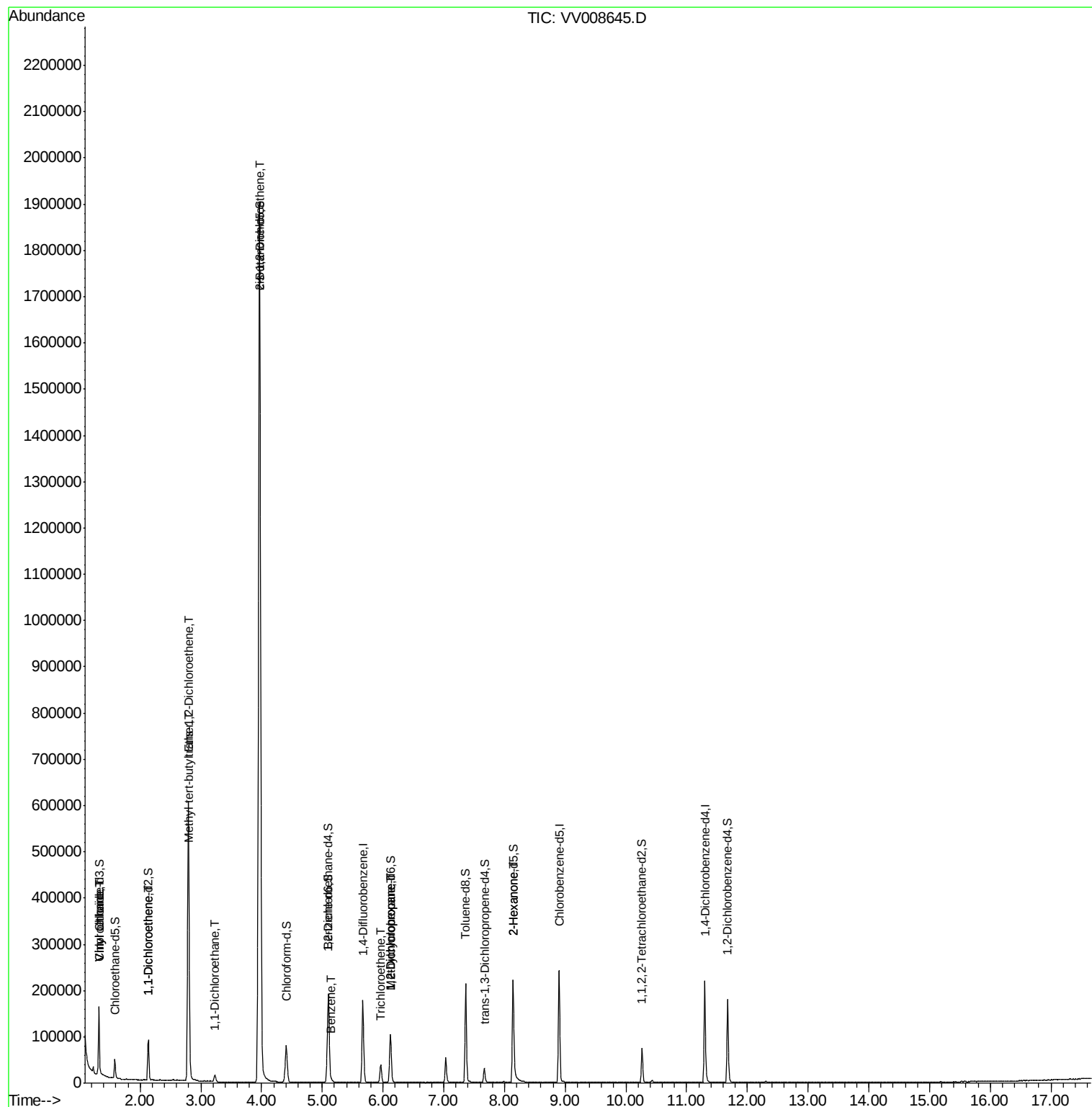
					Qvalue
5) Vinyl chloride	1.32	62	62513	6.727	ug/L 99
8) Chloroethane	1.32	64	19573	3.595	ug/L # 49
12) 1,1-Dichloroethene	2.14	96	2125	0.312	ug/L # 1
17) Methyl tert-butyl Ether	2.81	73	44032	2.429	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	211057	28.542	ug/L 97
19) 1,1-Dichloroethane	3.23	63	13951	0.746	ug/L 96
22) cis-1,2-Dichloroethene	3.96	96	1027966	92.106	ug/L 99
33) Benzene	5.15	78	4351	0.104	ug/L 100
34) Trichloroethene	5.96	95	13405	1.210	ug/L 96
35) Methylcyclohexane	6.12	83	12275	0.654	ug/L # 19
37) 1,2-Dichloropropane	6.12	63	5607	0.509	ug/L # 89
48) 2-Hexanone	8.14	43	10309	2.368	ug/L # 72

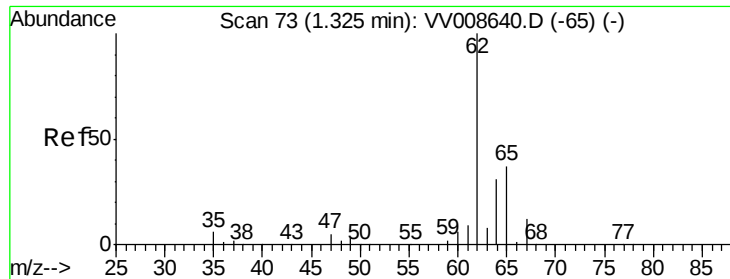
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 20 06:56:52 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.727 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV008645.D

Acq: 19 Nov 2018 12:45

Instrument :

MSVOA_V

ClientSampleId :

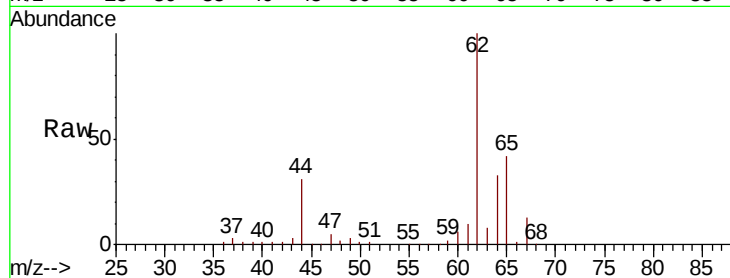
H0FG6

Tgt Ion: 62 Resp: 62513

Ion Ratio Lower Upper

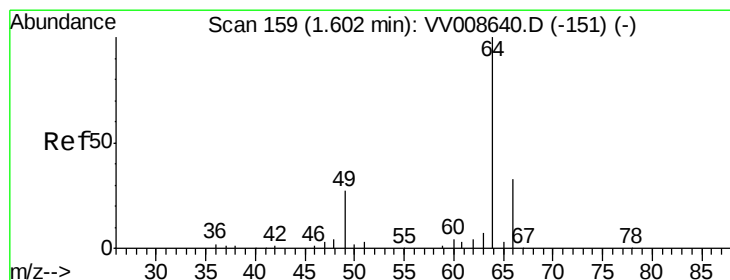
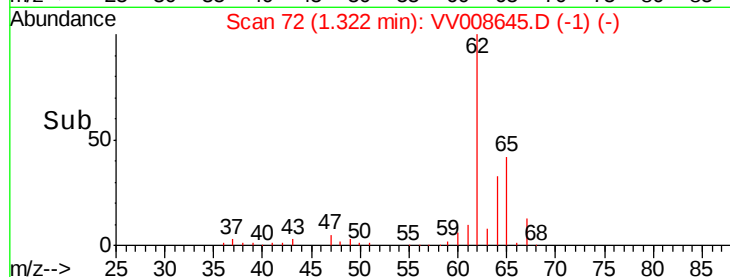
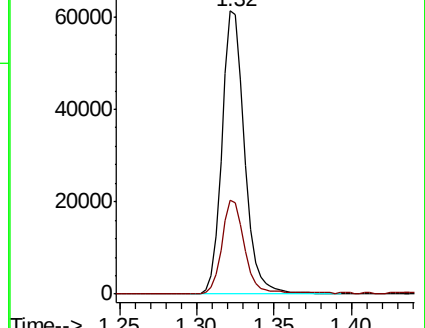
62 100

64 33.0 23.4 43.4



Abundance Ion 62.00 (61.70 to 62.70): VV008645.D (-65) (-)

Ion 64.10 (63.80 to 64.80): VV008645.D (-65) (-)



#8

Chloroethane

Concen: 3.595 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV008645.D

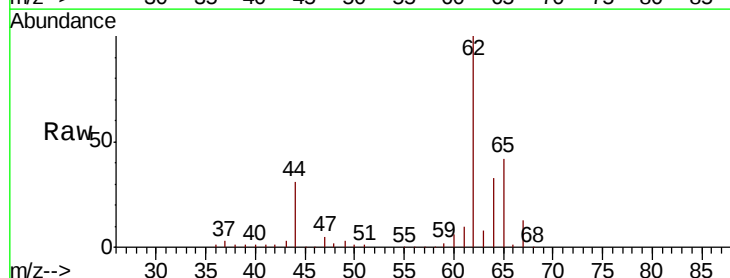
Acq: 19 Nov 2018 12:45

Tgt Ion: 64 Resp: 19573

Ion Ratio Lower Upper

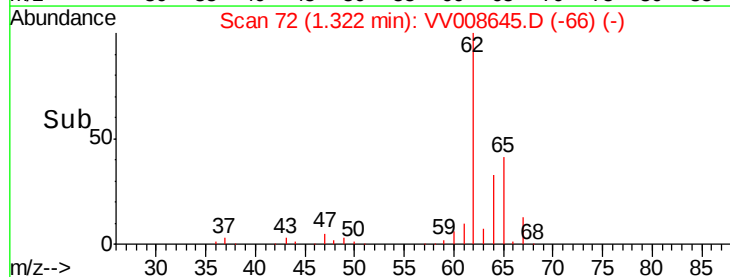
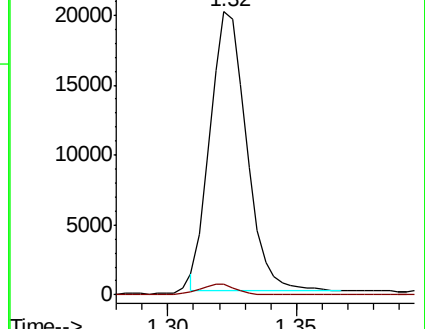
64 100

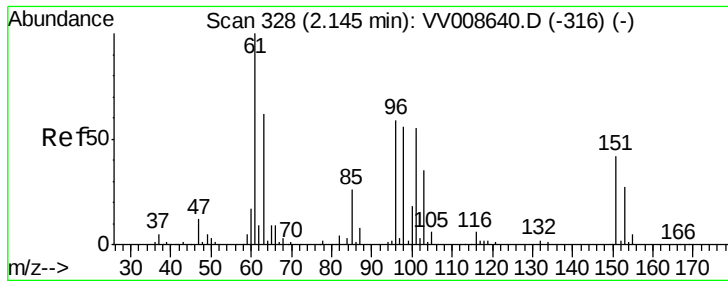
66 3.7 22.7 42.3#



Abundance Ion 64.10 (63.80 to 64.80): VV008645.D (-151) (-)

Ion 66.05 (65.75 to 66.75): VV008645.D (-151) (-)

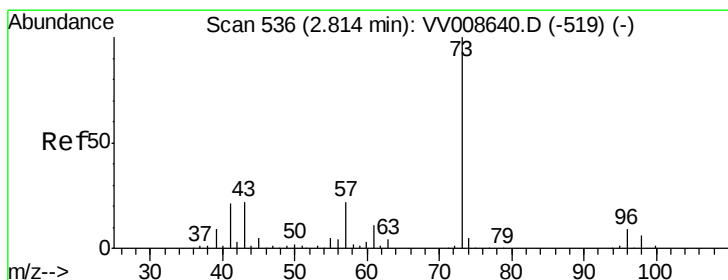
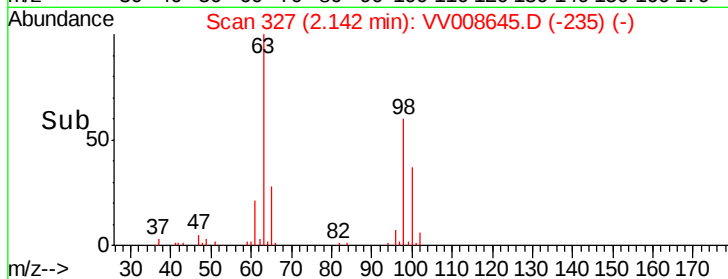
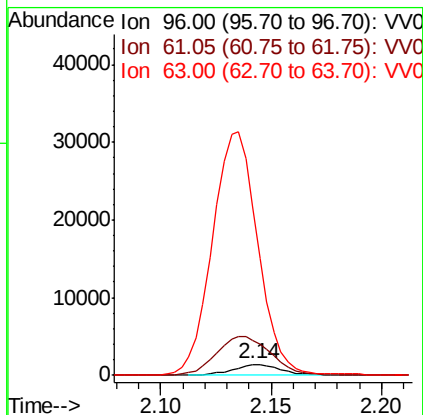
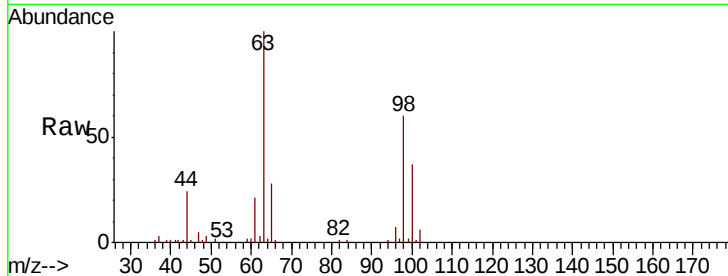




#12
 1,1-Dichloroethene
 Concen: 0.312 ug/L
 RT: 2.14 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VV008645.D
 Acq: 19 Nov 2018 12:45

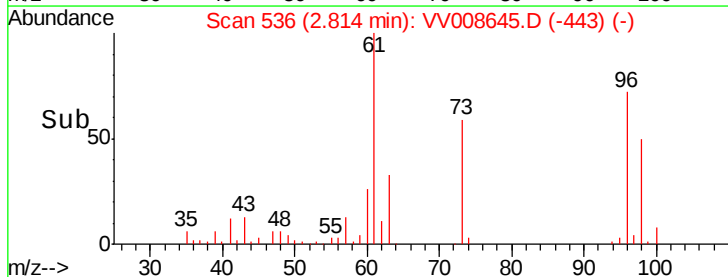
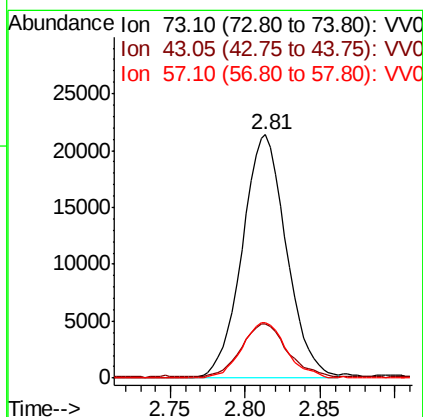
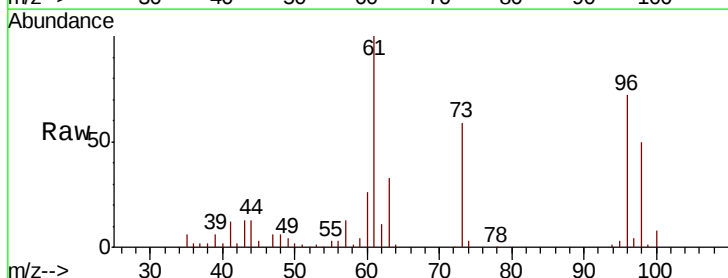
Instrument :
 MSVOA_V
 ClientSampleId :
 H0FG6

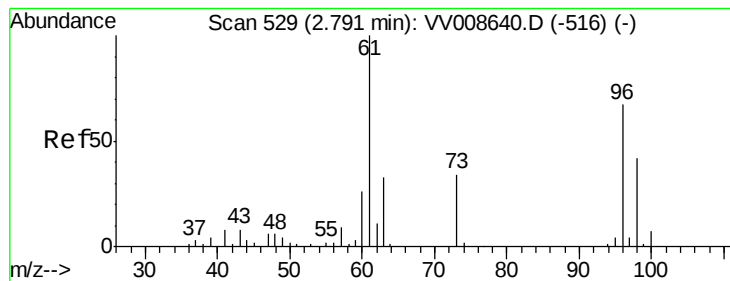
Tgt Ion: 96 Resp: 2125
 Ion Ratio Lower Upper
 96 100
 61 320.6 120.3 223.5#
 63 1527.2 82.5 153.3#



#17
 Methyl tert-butyl Ether
 Concen: 2.429 ug/L
 RT: 2.81 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VV008645.D
 Acq: 19 Nov 2018 12:45

Tgt Ion: 73 Resp: 44032
 Ion Ratio Lower Upper
 73 100
 43 22.7 18.1 27.1
 57 22.8 17.9 26.9





#18

trans-1,2-Dichloroethene

Concen: 28.542 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV008645.D

Acq: 19 Nov 2018 12:45

Instrument :

MSVOA_V

ClientSampleId :

H0FG6

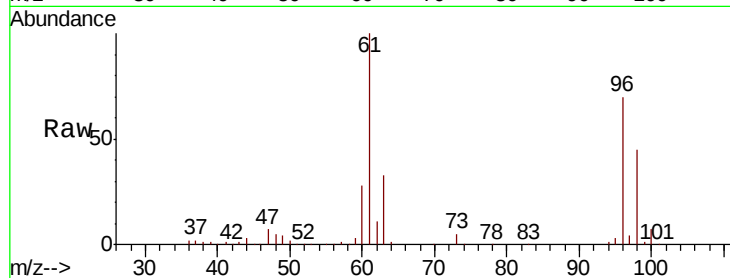
Tgt Ion: 96 Resp: 211057

Ion Ratio Lower Upper

96 100

61 142.0 97.1 180.3

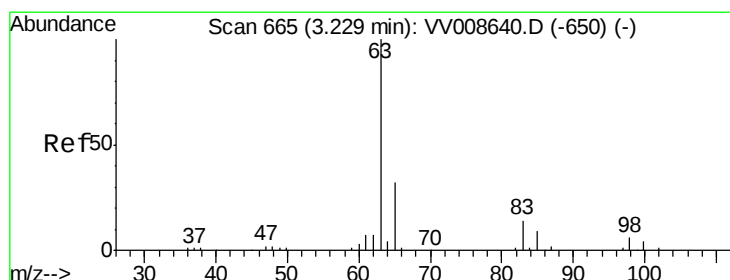
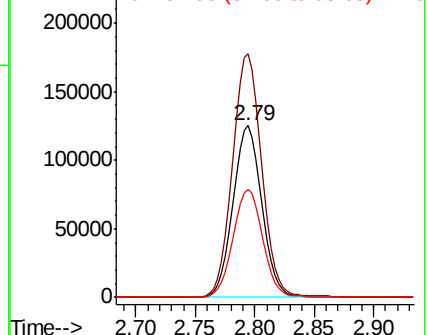
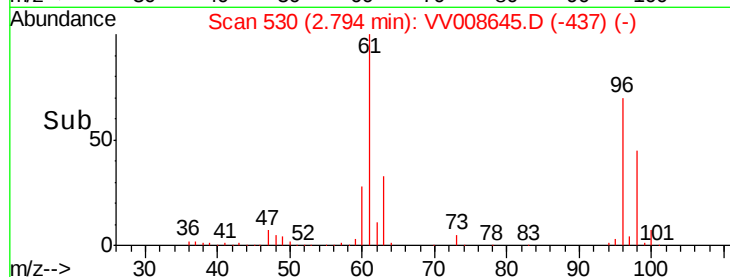
98 63.3 41.9 77.7



Abundance Ion 96.00 (95.70 to 96.70): VV008645.D (-437) (-)

Ion 61.05 (60.75 to 61.75): VV008645.D (-437) (-)

Ion 97.95 (97.65 to 98.65): VV008645.D (-437) (-)



#19

1,1-Dichloroethane

Concen: 0.746 ug/L

RT: 3.23 min Scan# 665

Delta R.T. 0.00 min

Lab File: VV008645.D

Acq: 19 Nov 2018 12:45

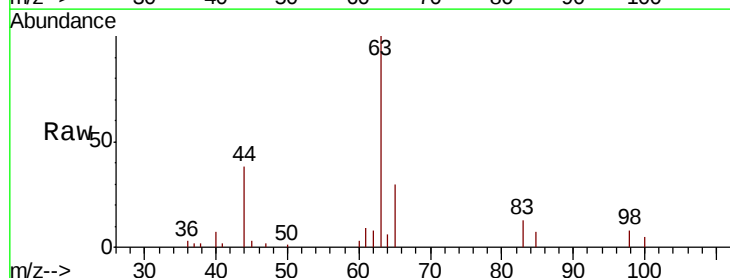
Tgt Ion: 63 Resp: 13951

Ion Ratio Lower Upper

63 100

65 30.3 23.2 43.0

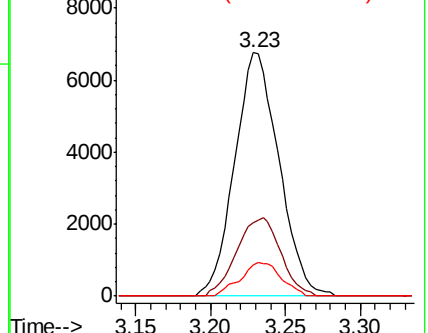
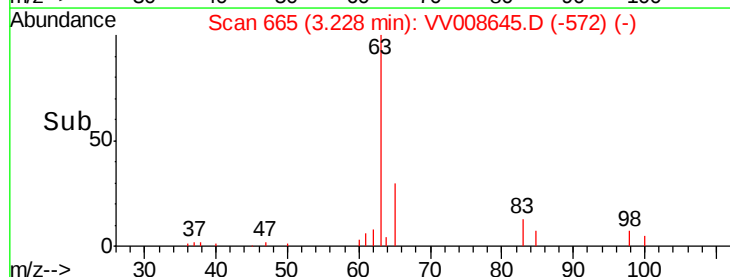
83 13.0 9.5 17.7

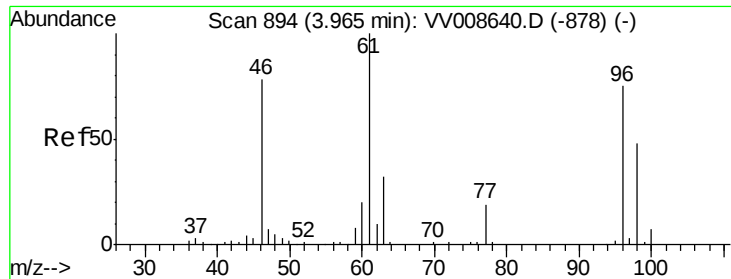


Abundance Ion 63.10 (62.80 to 63.80): VV008645.D (-572) (-)

Ion 65.10 (64.80 to 65.80): VV008645.D (-572) (-)

Ion 83.05 (82.75 to 83.75): VV008645.D (-572) (-)



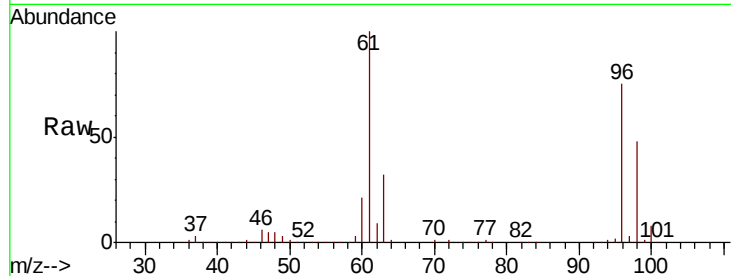


#22

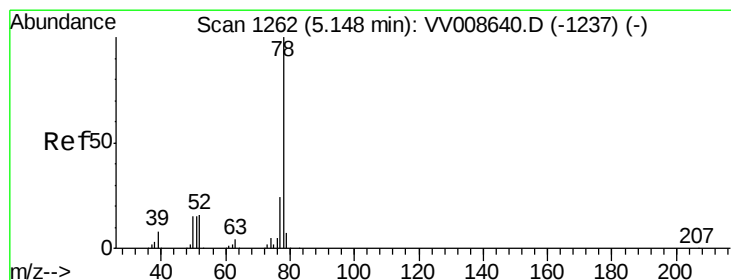
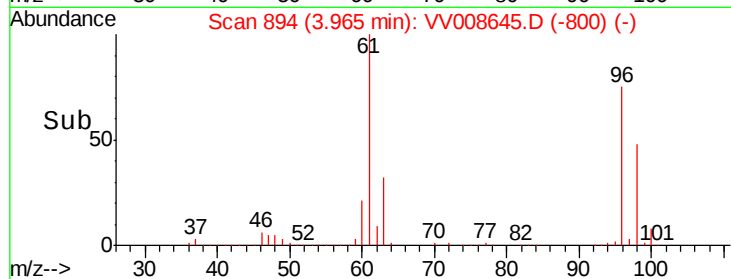
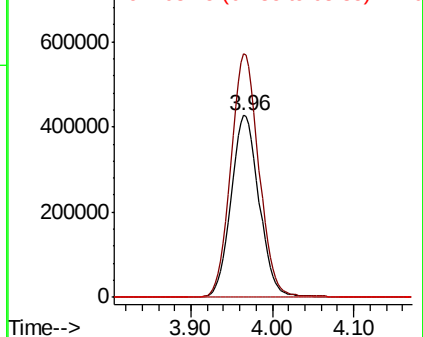
cis-1,2-Dichloroethene
 Concen: 92.106 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: VV008645.D
 Acq: 19 Nov 2018 12:45

Instrument :
 MSVOA_V
 ClientSampleId :
 H0FG6

Tgt Ion: 96 Resp: 1027966
 Ion Ratio Lower Upper
 96 100
 61 134.0 93.2 173.2
 68 0.0 0.0 0.0



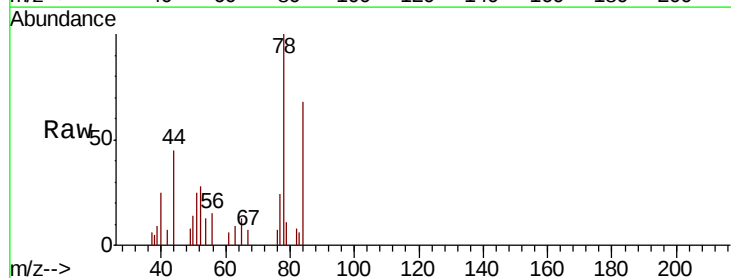
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



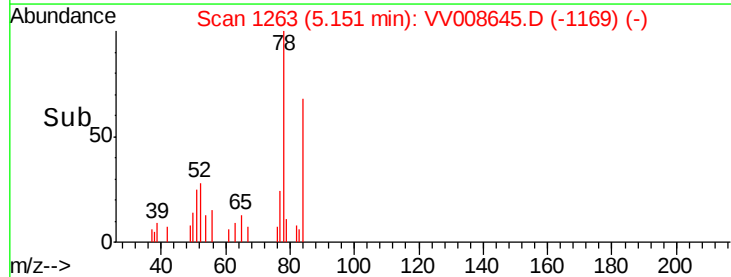
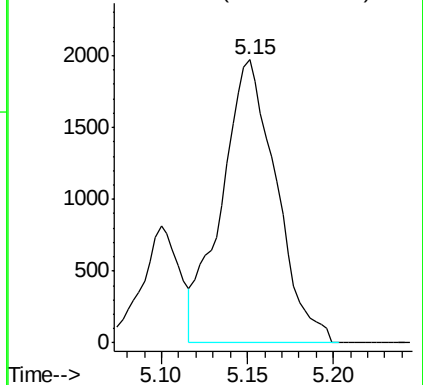
#33

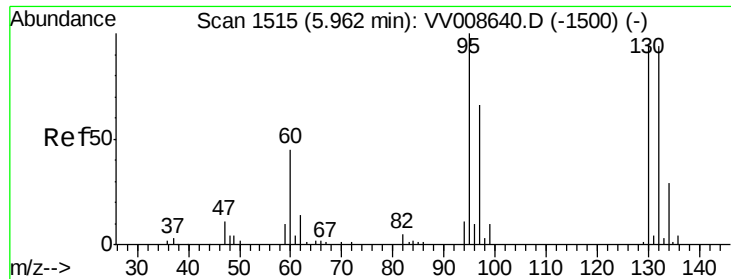
Benzene
 Concen: 0.104 ug/L
 RT: 5.15 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VV008645.D
 Acq: 19 Nov 2018 12:45

Tgt Ion: 78 Resp: 4351



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 1.210 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008645.D

Acq: 19 Nov 2018 12:45

Instrument :

MSVOA_V

ClientSampleId :

H0FG6

Tgt Ion: 95 Resp: 13405

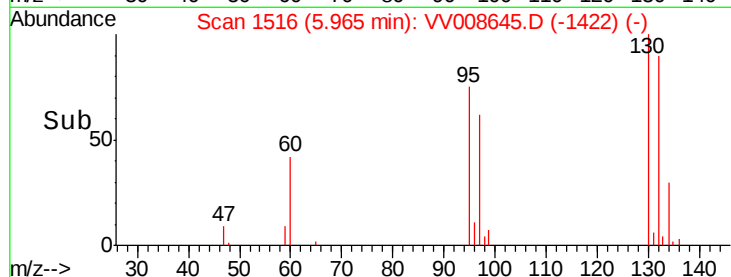
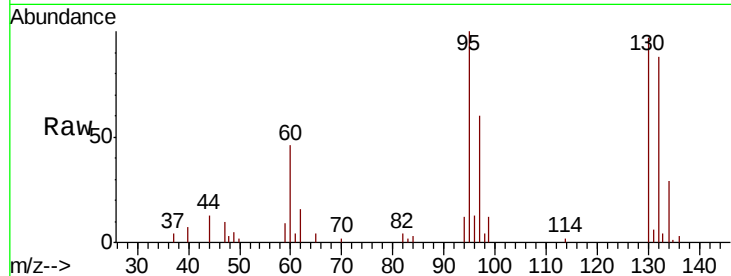
Ion Ratio Lower Upper

95 100

97 60.3 45.1 83.7

132 87.8 66.3 123.1

130 97.4 68.0 126.4

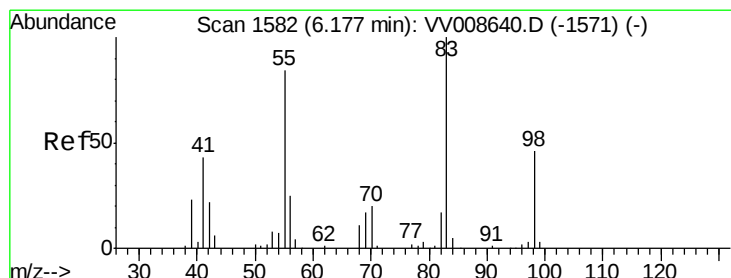
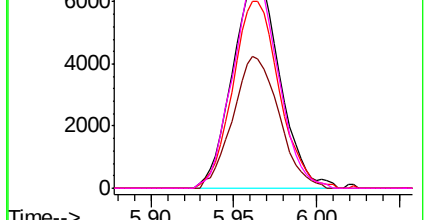


Abundance Ion 95.00 (94.70 to 95.70): VV008645.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV008645.D (-1422) (-)

Ion 131.95 (131.65 to 132.65): VV008645.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV008645.D (-1422) (-)



#35

Methylcyclohexane

Concen: 0.654 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008645.D

Acq: 19 Nov 2018 12:45

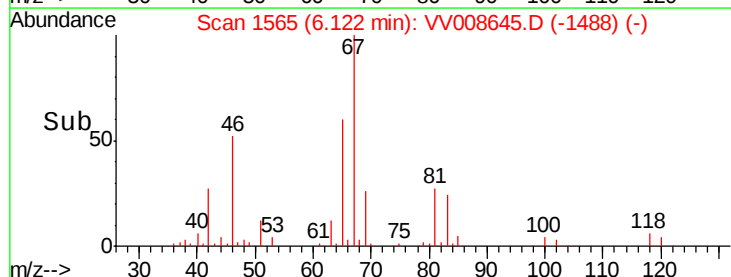
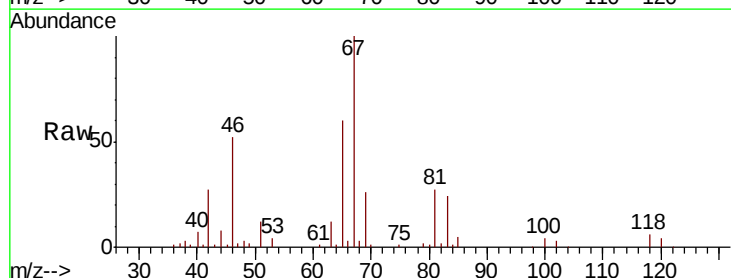
Tgt Ion: 83 Resp: 12275

Ion Ratio Lower Upper

83 100

55 0.0 65.6 98.4#

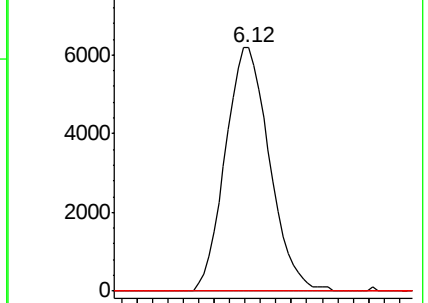
98 4.6 36.4 54.6#

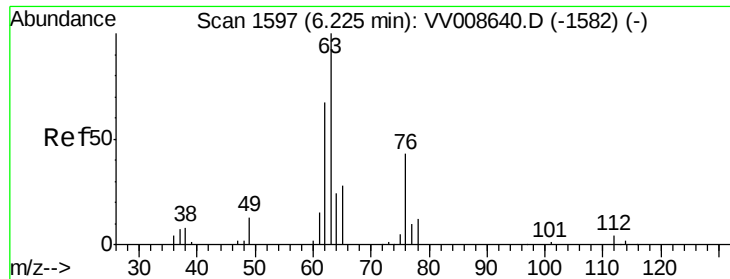


Abundance Ion 83.15 (82.85 to 83.85): VV008645.D (-1488) (-)

Ion 55.10 (54.80 to 55.80): VV008645.D (-1488) (-)

Ion 98.15 (97.85 to 98.85): VV008645.D (-1488) (-)

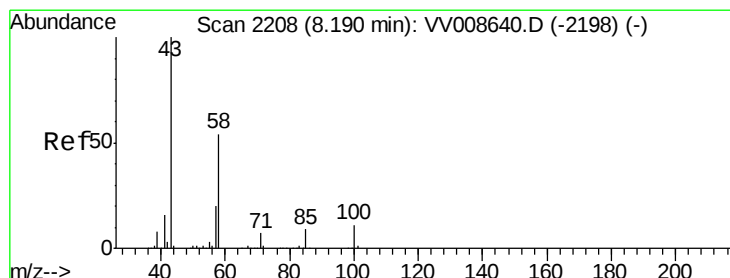
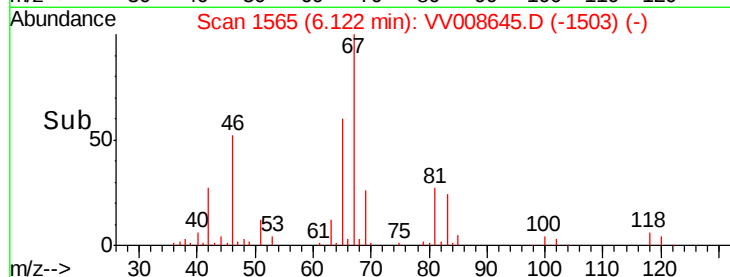
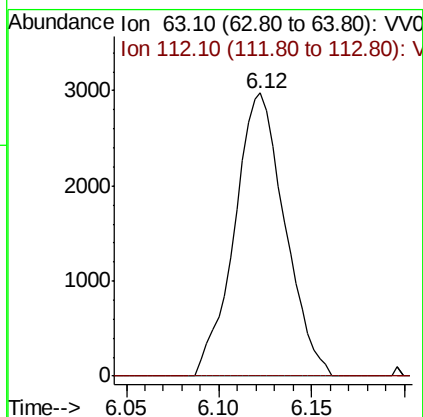
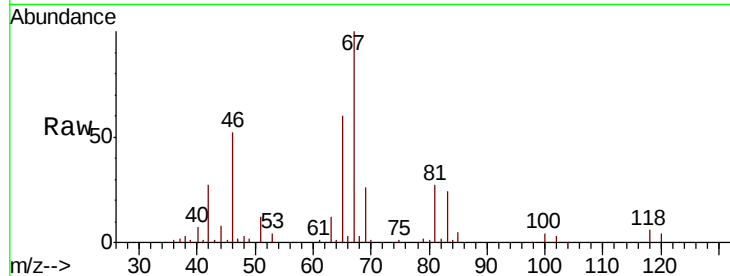




#37
 1,2-Dichloropropane
 Concen: 0.509 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008645.D
 Acq: 19 Nov 2018 12:45

Instrument :
 MSVOA_V
 ClientSampleId :
 H0FG6

Tgt Ion: 63 Resp: 5607
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#48
 2-Hexanone
 Concen: 2.368 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV008645.D
 Acq: 19 Nov 2018 12:45

Tgt Ion: 43 Resp: 10309
 Ion Ratio Lower Upper
 43 100
 58 29.2 41.8 62.8#
 57 26.3 15.4 23.0#
 100 0.0 8.7 13.1#

