

Data File : VV007668.D
Acq On : 20 Sep 2018 21:24
Operator : SY/MD
Sample : J4989-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETOR8

Quant Time: Sep 21 03:29:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 03:27:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	110052	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	99830	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53421	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18586	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.58	69	19689	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.13	63	35466	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	3.96	46	53688	46.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.06%
24) Chloroform-d	4.41	84	46224	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.09	65	24529	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.10	84	89634	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.12	67	26556	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.36	98	89032	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.67	79	9899	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.14	63	39544	43.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.44%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21252	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	41156	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

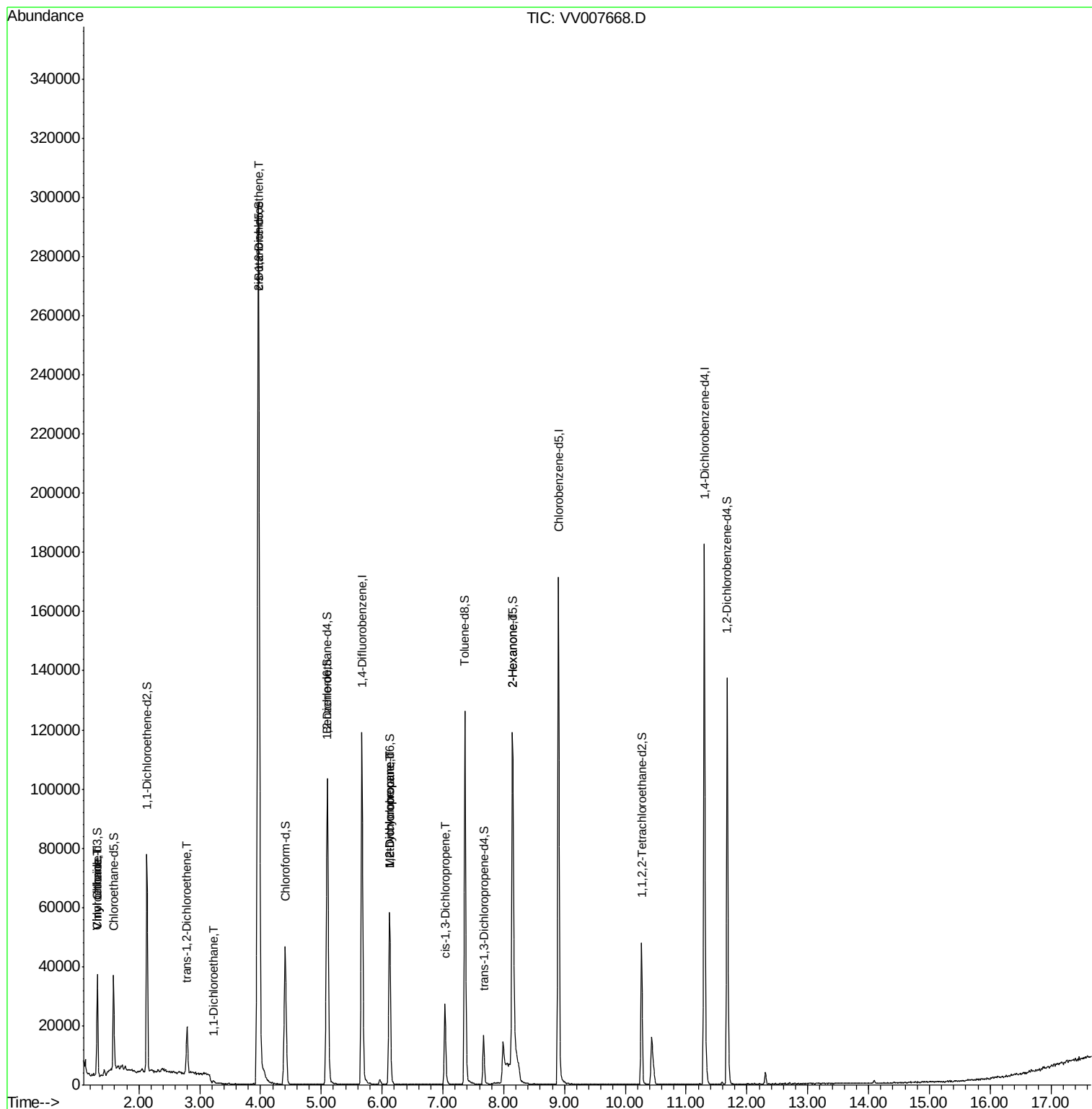
					Qvalue
5) Vinyl chloride	1.32	62	2362	0.295 ug/L #	73
8) Chloroethane	1.32	64	1276	0.245 ug/L	84
18) trans-1,2-Dichloroethene	2.79	96	5680	0.645 ug/L	99
19) 1,1-Dichloroethane	3.23	63	1028	0.086 ug/L #	71
22) cis-1,2-Dichloroethene	3.96	96	159954	20.556 ug/L	98
35) Methylcyclohexane	6.13	83	6830	0.567 ug/L #	21
37) 1,2-Dichloropropane	6.12	63	3366	0.526 ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	762	0.082 ug/L	90
48) 2-Hexanone	8.14	43	6988	2.849 ug/L #	88

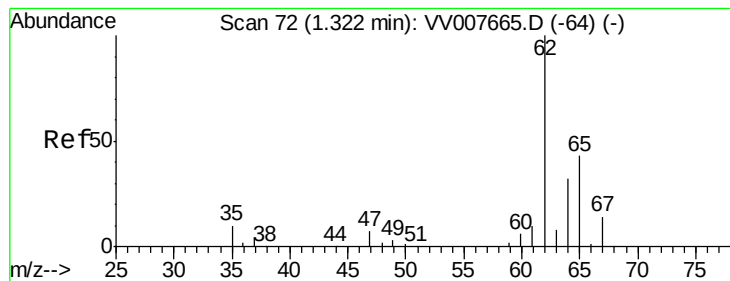
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.295 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV007668.D

Acq: 20 Sep 2018 21:24

Instrument :

MSVOA_V

ClientSampled :

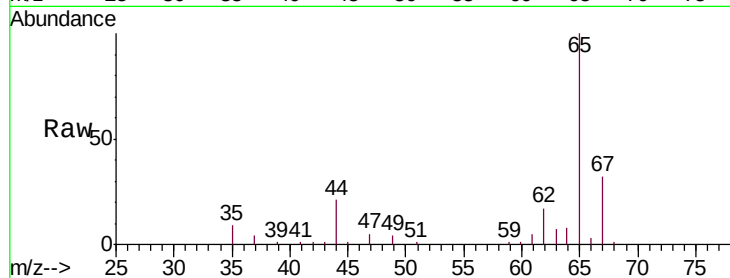
ET0R8

Tgt Ion: 62 Resp: 2362

Ion Ratio Lower Upper

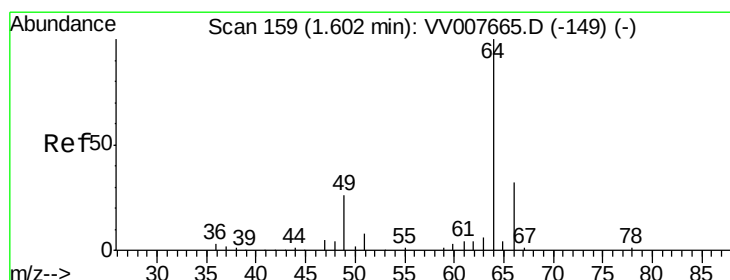
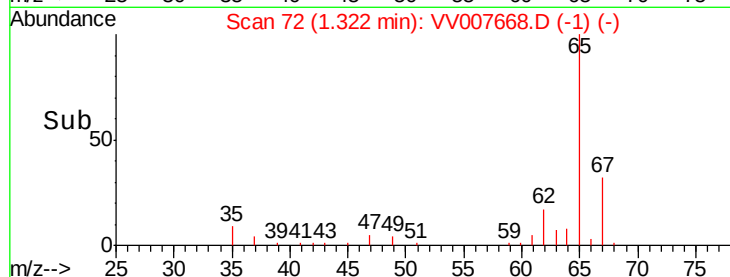
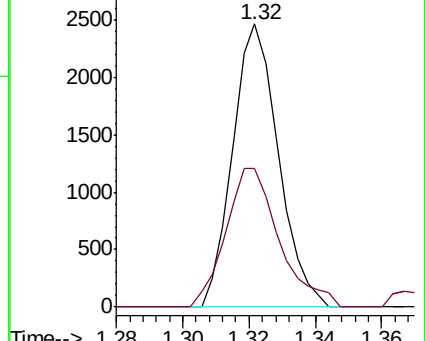
62 100

64 49.1 23.5 43.7#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#8

Chloroethane

Concen: 0.245 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV007668.D

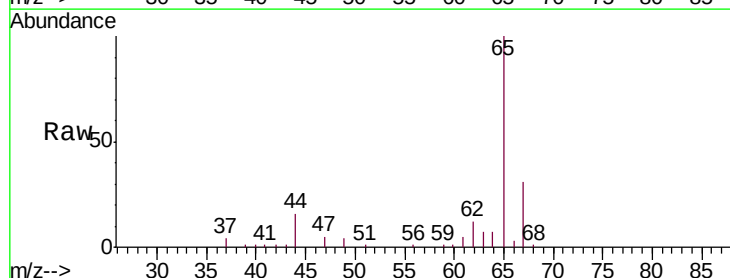
Acq: 20 Sep 2018 21:24

Tgt Ion: 64 Resp: 1276

Ion Ratio Lower Upper

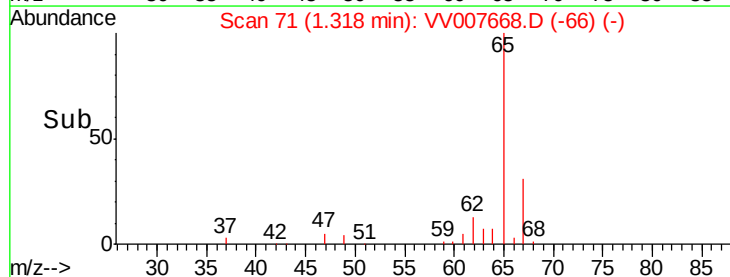
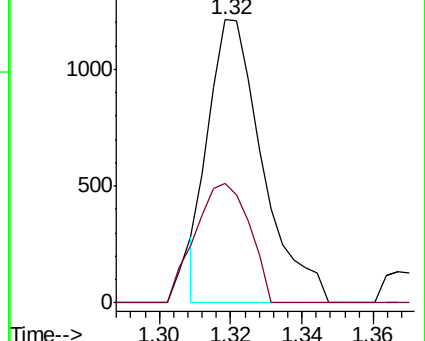
64 100

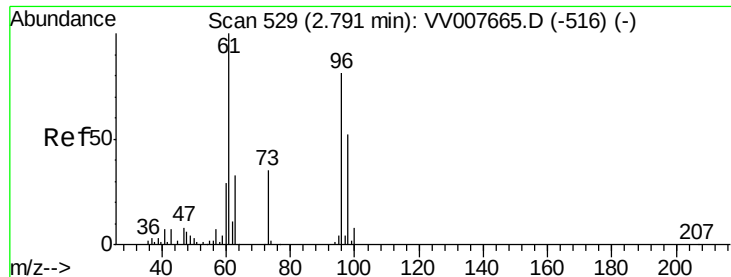
66 42.3 23.4 43.4



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#18

trans-1,2-Dichloroethene

Concen: 0.645 ug/L

RT: 2.79 min Scan# 529

Delta R.T. -0.00 min

Lab File: VV007668.D

Acq: 20 Sep 2018 21:24

Instrument :

MSVOA_V

ClientSampled :

ET0R8

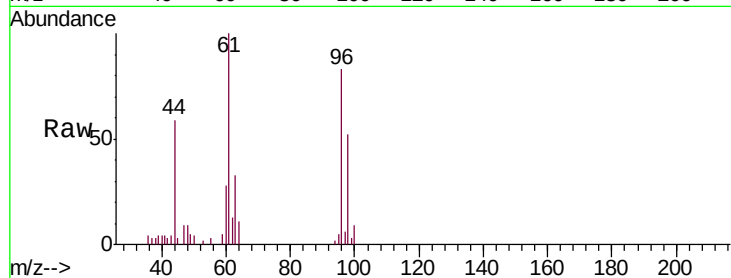
Tgt Ion: 96 Resp: 5680

Ion Ratio Lower Upper

96 100

61 120.8 84.4 156.7

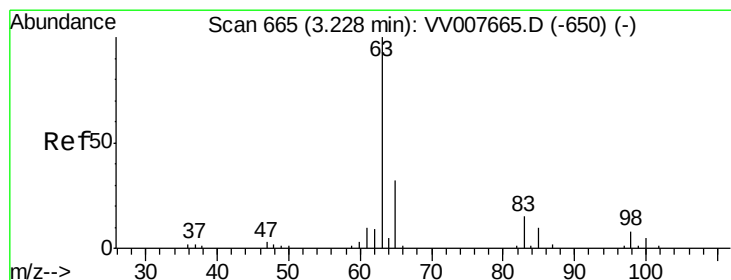
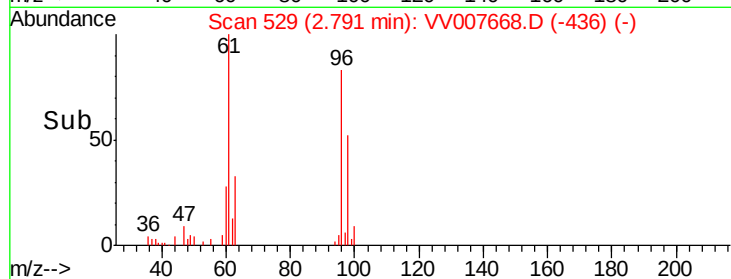
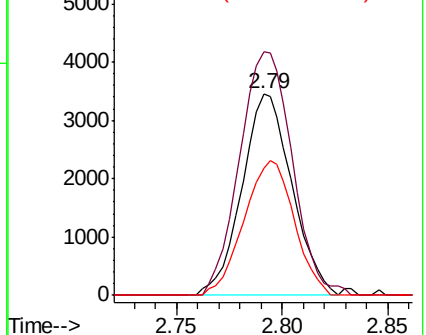
98 62.9 43.0 80.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#19

1,1-Dichloroethane

Concen: 0.086 ug/L

RT: 3.23 min Scan# 665

Delta R.T. -0.00 min

Lab File: VV007668.D

Acq: 20 Sep 2018 21:24

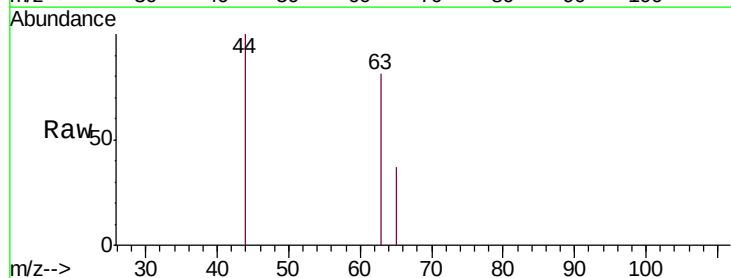
Tgt Ion: 63 Resp: 1028

Ion Ratio Lower Upper

63 100

65 46.4 22.6 42.0#

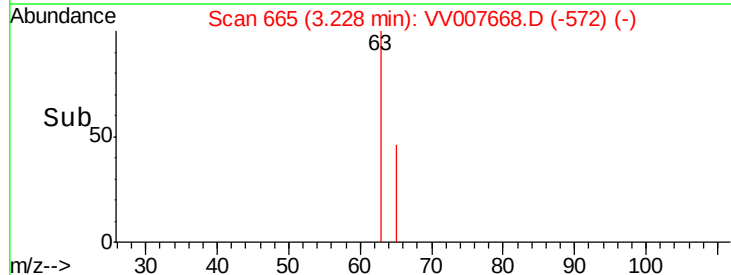
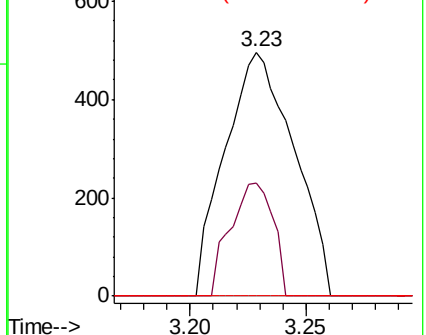
83 0.0 10.4 19.4#

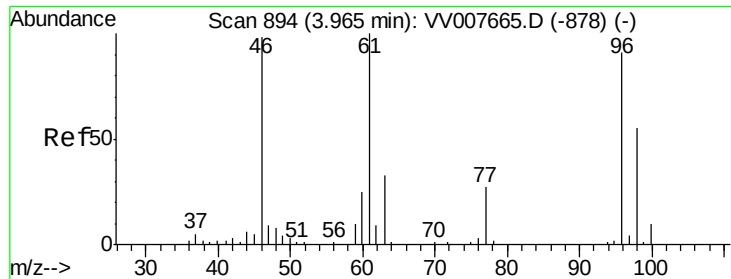


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



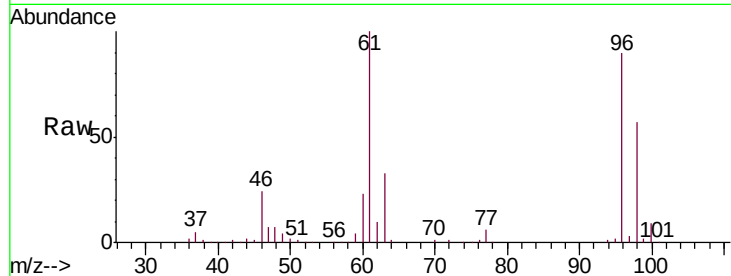


#22

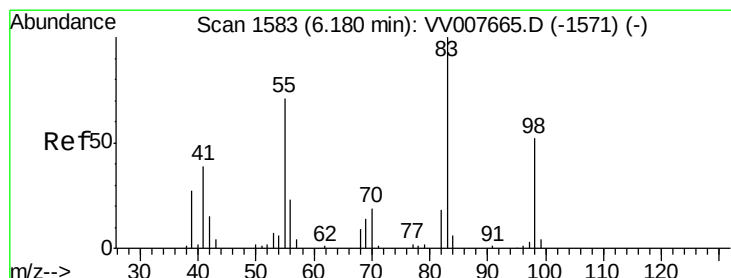
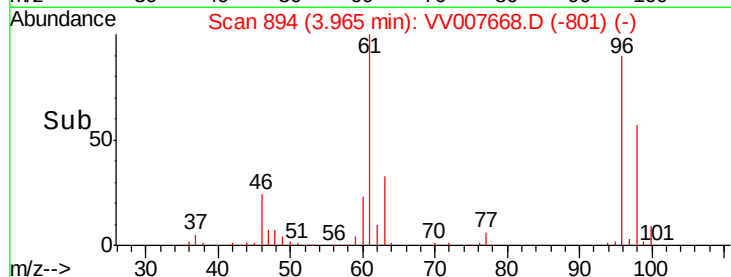
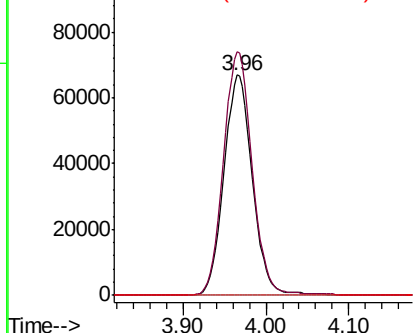
cis-1,2-Dichloroethene
 Concen: 20.556 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: VV007668.D
 Acq: 20 Sep 2018 21:24

Instrument :
 MSVOA_V
 ClientSampleId :
 ETOR8

Tgt Ion: 96 Resp: 159954
 Ion Ratio Lower Upper
 96 100
 61 110.7 79.0 146.8
 68 0.0 0.0 0.0



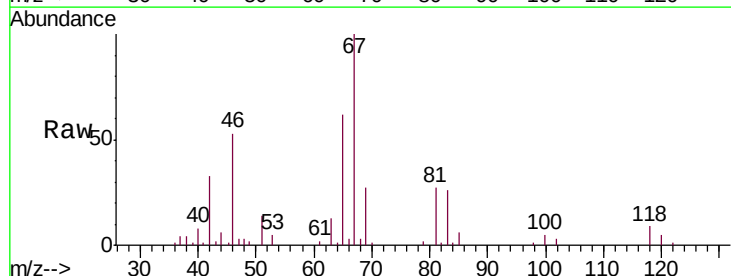
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



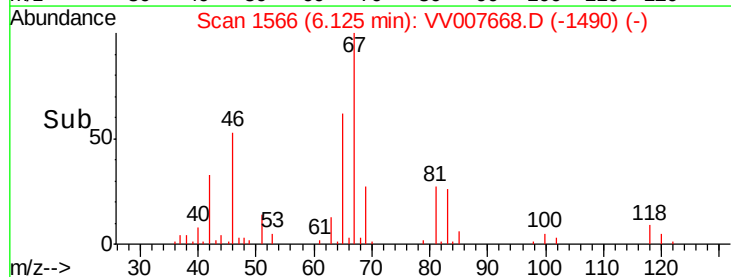
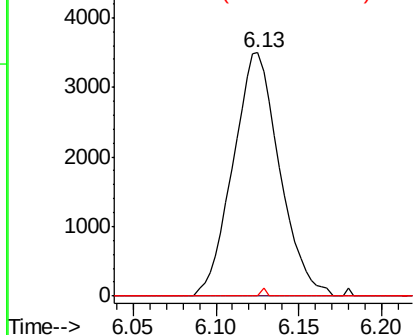
#35

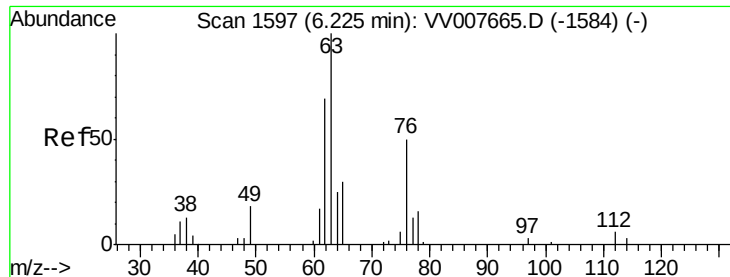
Methylcyclohexane
 Concen: 0.567 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.05 min
 Lab File: VV007668.D
 Acq: 20 Sep 2018 21:24

Tgt Ion: 83 Resp: 6830
 Ion Ratio Lower Upper
 83 100
 55 0.0 54.8 82.2#
 98 0.3 40.7 61.1#



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

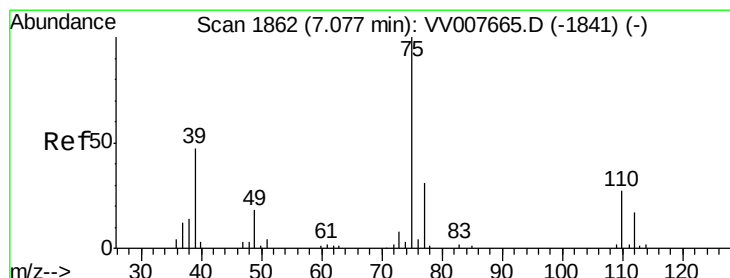
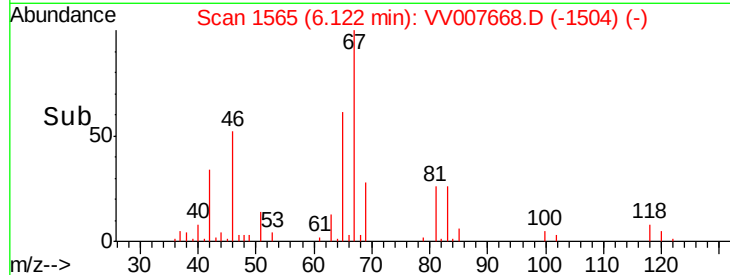
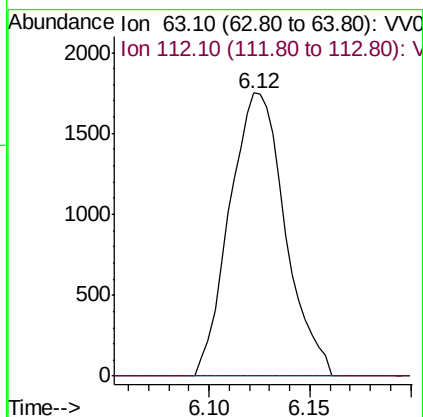
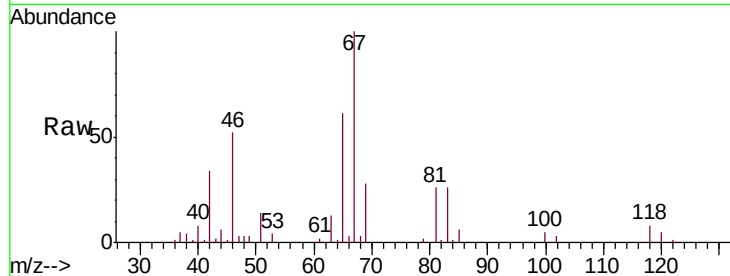




#37
 1,2-Dichloropropane
 Concen: 0.526 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV007668.D
 Acq: 20 Sep 2018 21:24

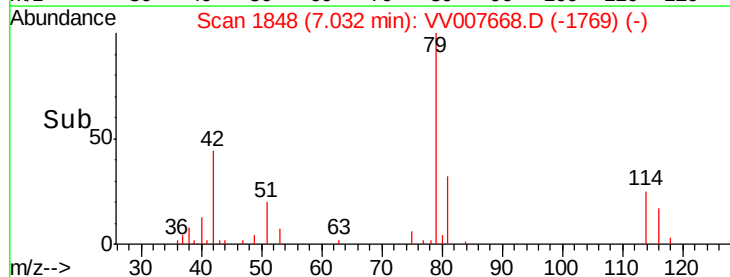
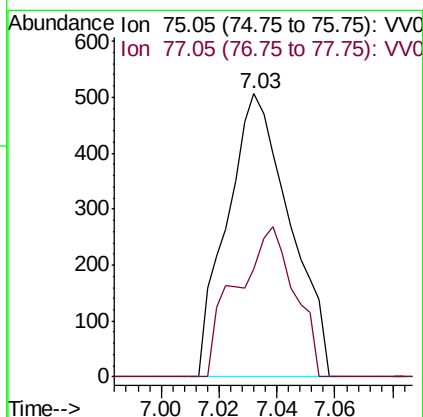
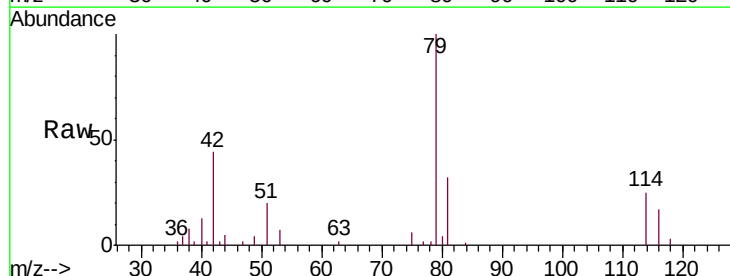
Instrument :
 MSVOA_V
 ClientSampled :
 ET0R8

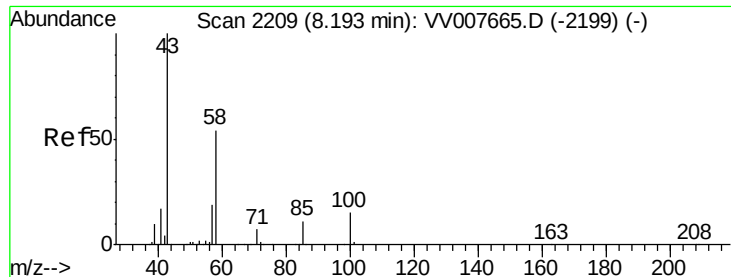
Tgt Ion: 63 Resp: 3366
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.05 min
 Lab File: VV007668.D
 Acq: 20 Sep 2018 21:24

Tgt Ion: 75 Resp: 762
 Ion Ratio Lower Upper
 75 100
 77 38.3 22.7 42.3





#48

2-Hexanone

Concen: 2.849 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.05 min

Lab File: VV007668.D

Acq: 20 Sep 2018 21:24

Instrument :
MSVOA_V
ClientSampleId :
ET0R8

Tgt Ion: 43 Resp: 6988

Ion Ratio Lower Upper

43 100

58 49.2 45.3 67.9

57 22.5 16.6 24.8

100 0.0 11.4 17.0#

