

Data File : VV011562.D
Acq On : 17 Jun 2019 20:34
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00558

Quant Time: Jun 18 08:47:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 18 08:42:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	192478	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	176445	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	71485	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	54116	3.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	1.58	69	39587	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.12	63	82487	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	3.96	46	180487	44.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.28%
24) Chloroform-d	4.40	84	110953	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
26) 1,2-Dichloroethane-d4	5.08	65	66854	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.09	84	216735	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
36) 1,2-Dichloropropane-d6	6.11	67	68256	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.60%
41) Toluene-d8	7.36	98	181101	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
43) trans-1,3-Dichloropropene-	7.66	79	21257	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.14	63	139046	43.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	48805	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	60242	4.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.40%

Target Compounds

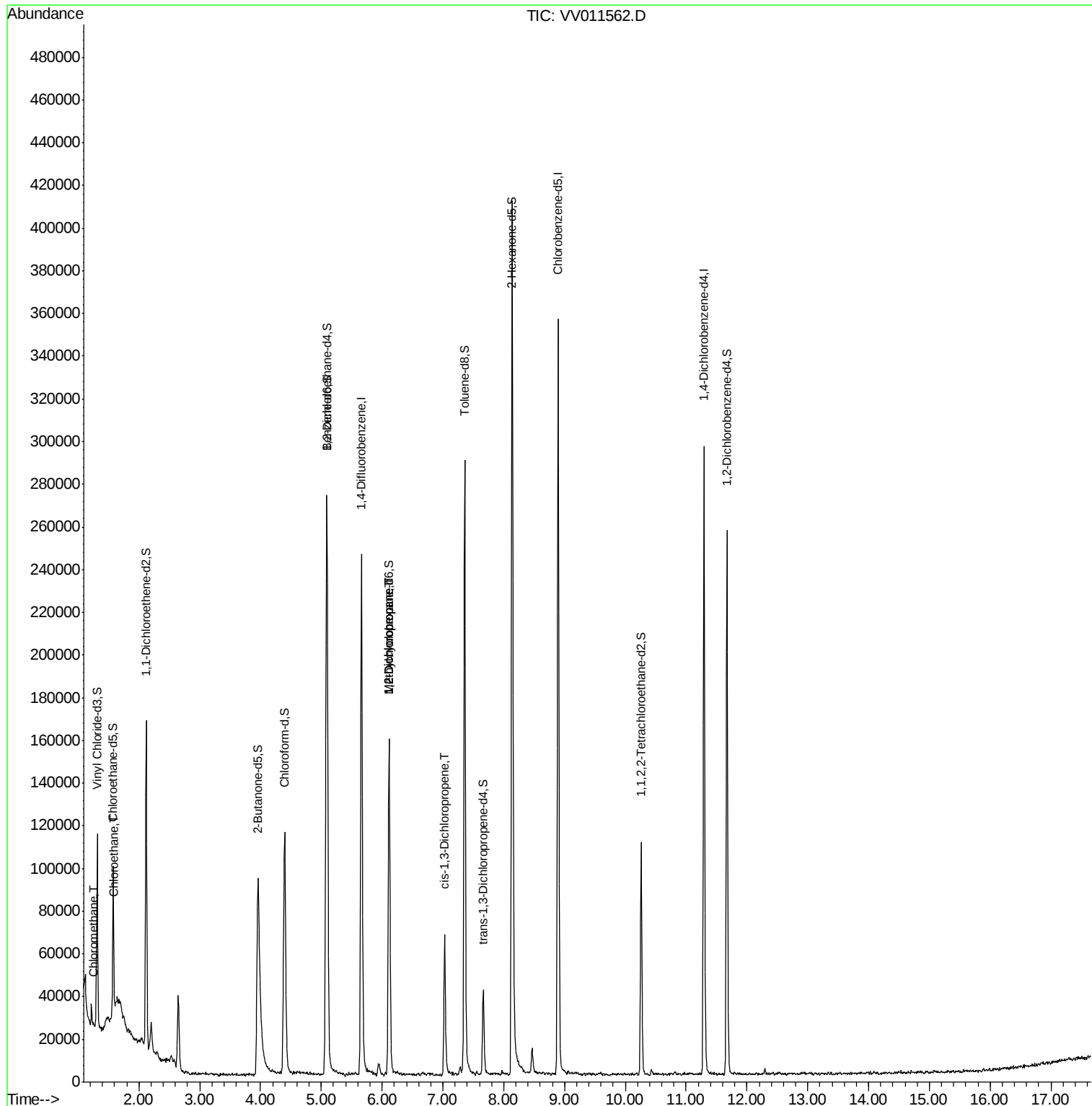
					Qvalue
3) Chloromethane	1.25	50	1523	0.082 ug/L	95
8) Chloroethane	1.60	64	1618	0.182 ug/L #	54
35) Methylcyclohexane	6.12	83	17127	0.817 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	8881	0.579 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2106	0.109 ug/L	86

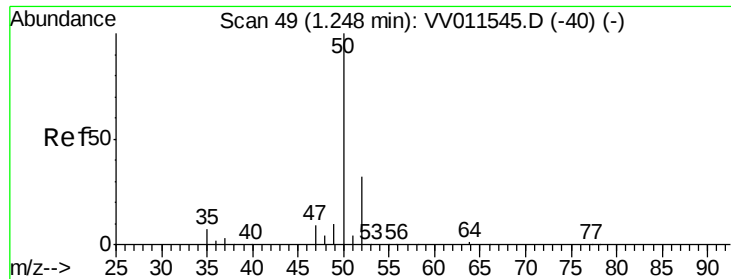
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.082 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

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Acq: 17 Jun 2019 20:34

Instrument :

MSVOA_V

ClientSampleId :

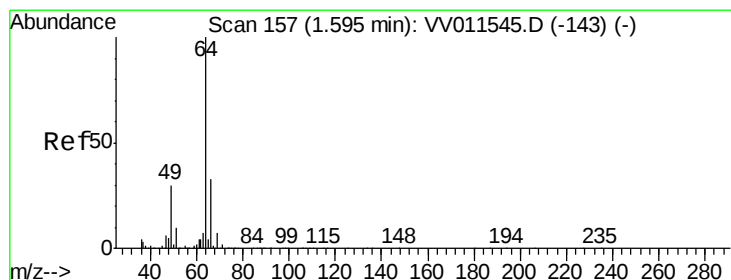
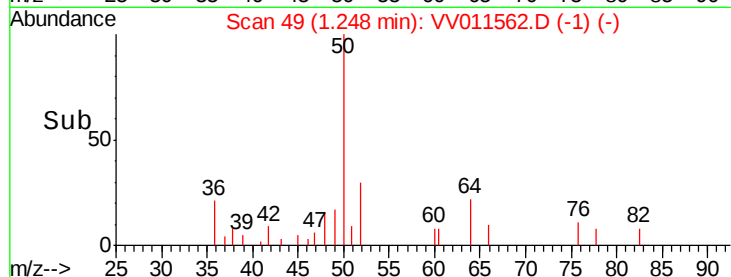
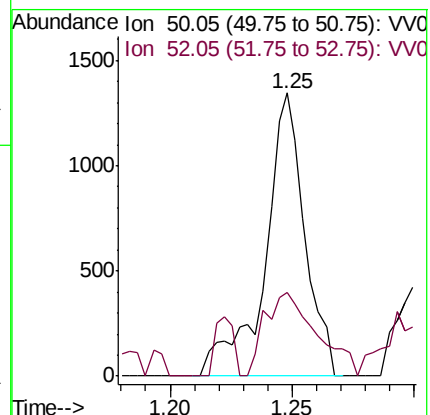
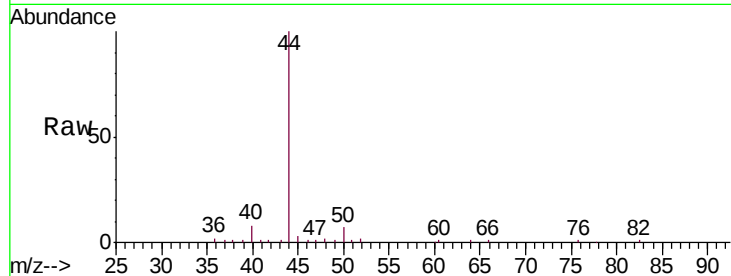
VSTD00558

Tgt Ion: 50 Resp: 1523

Ion Ratio Lower Upper

50 100

52 29.5 22.7 42.1



#8

Chloroethane

Concen: 0.182 ug/L

RT: 1.60 min Scan# 157

Delta R.T. -0.00 min

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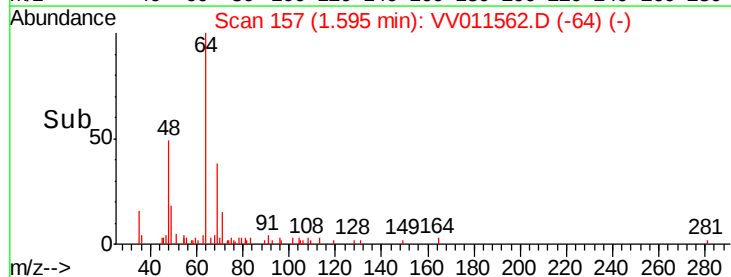
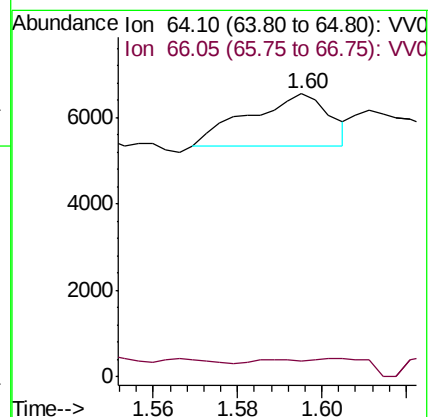
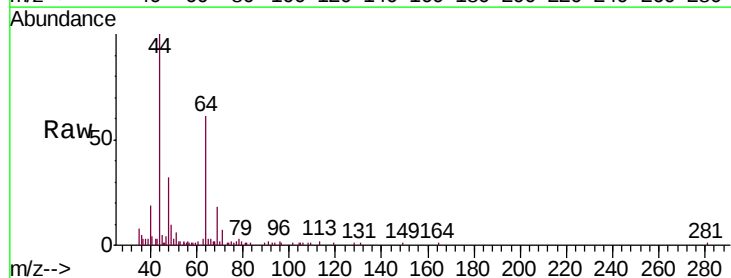
Acq: 17 Jun 2019 20:34

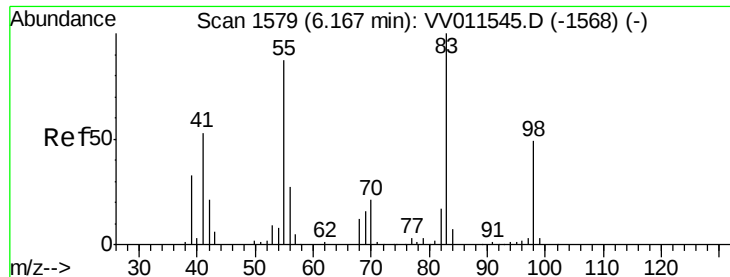
Tgt Ion: 64 Resp: 1618

Ion Ratio Lower Upper

64 100

66 5.6 21.6 40.2#

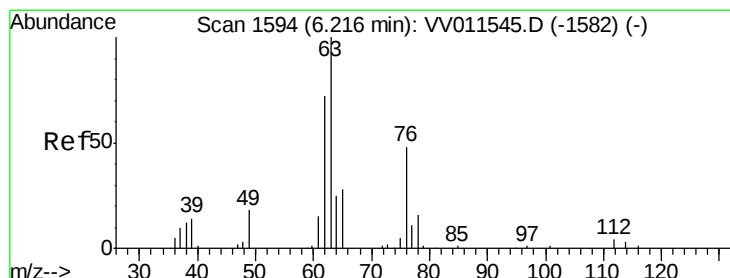
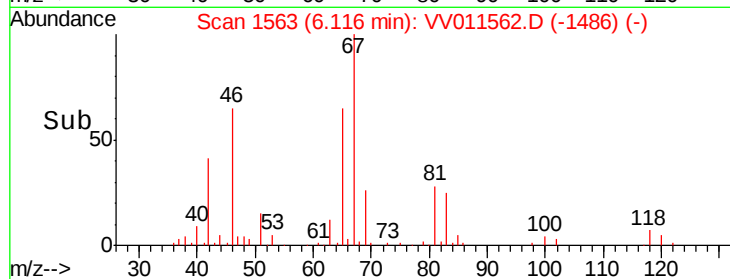
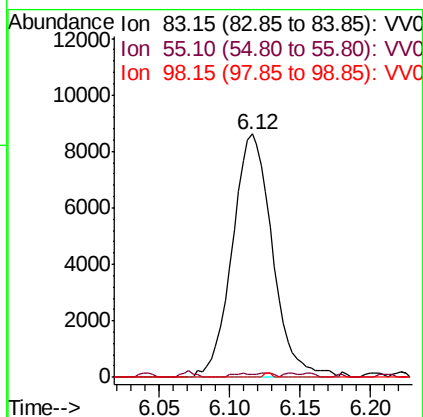
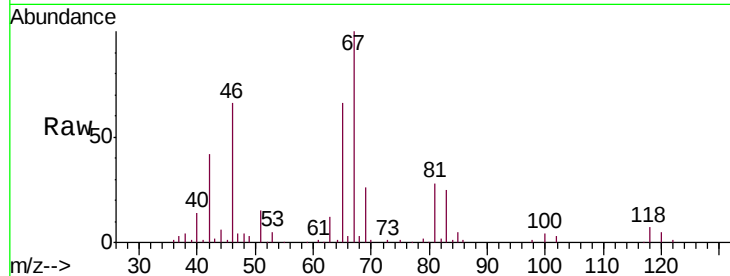




#35
Methylcyclohexane
Concen: 0.817 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
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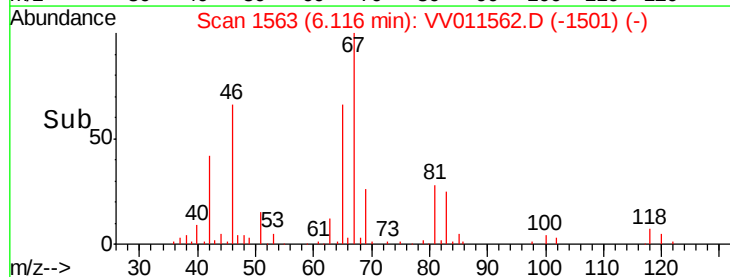
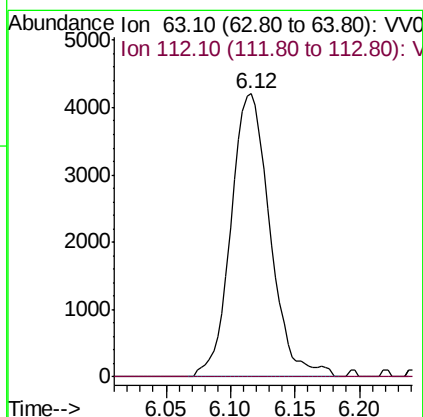
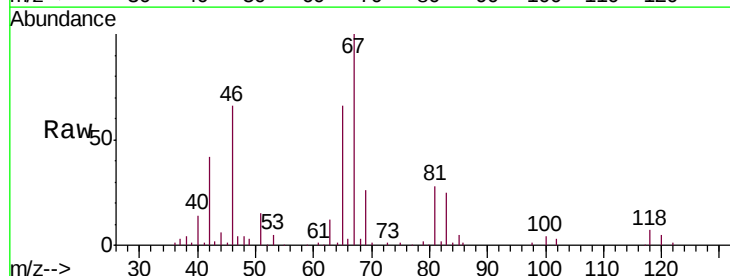
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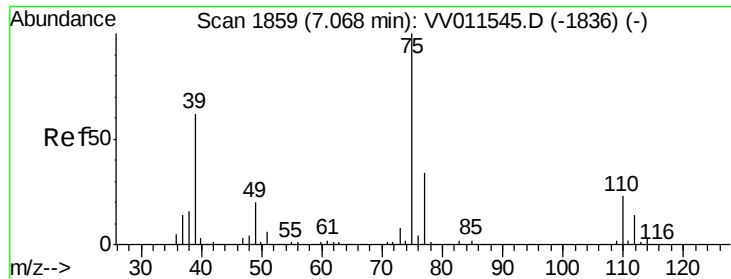
Tgt Ion: 83 Resp: 17127
Ion Ratio Lower Upper
83 100
55 0.8 67.9 101.9#
98 0.0 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.579 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011562.D
Acq: 17 Jun 2019 20:34

Tgt Ion: 63 Resp: 8881
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#39
 cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011562.D
 Acq: 17 Jun 2019 20:34

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00558

Tgt Ion: 75 Resp: 2106
 Ion Ratio Lower Upper
 75 100
 77 36.9 20.6 38.4

