

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071818\
 Data File : VV006632.D
 Acq On : 18 Jul 2018 16:42
 Operator : SY/MD
 Sample : J3983-09
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB176

Quant Time: Jul 19 03:02:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 19 02:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	262414	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	245392	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	114573	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97801	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.58	69	79798	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.13	63	123623	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	3.95	46	174983	49.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.62%
24) Chloroform-d	4.41	84	159201	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.20%
26) 1,2-Dichloroethane-d4	5.09	65	76420	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
32) Benzene-d6	5.10	84	334139	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
36) 1,2-Dichloropropane-d6	6.12	67	108138	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.36	98	293138	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
43) trans-1,3-Dichloropropene-	7.67	79	30291	3.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.00%
46) 2-Hexanone-d5	8.14	63	165163	33.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.30%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74893	3.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	111043	4.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.60%

Target Compounds

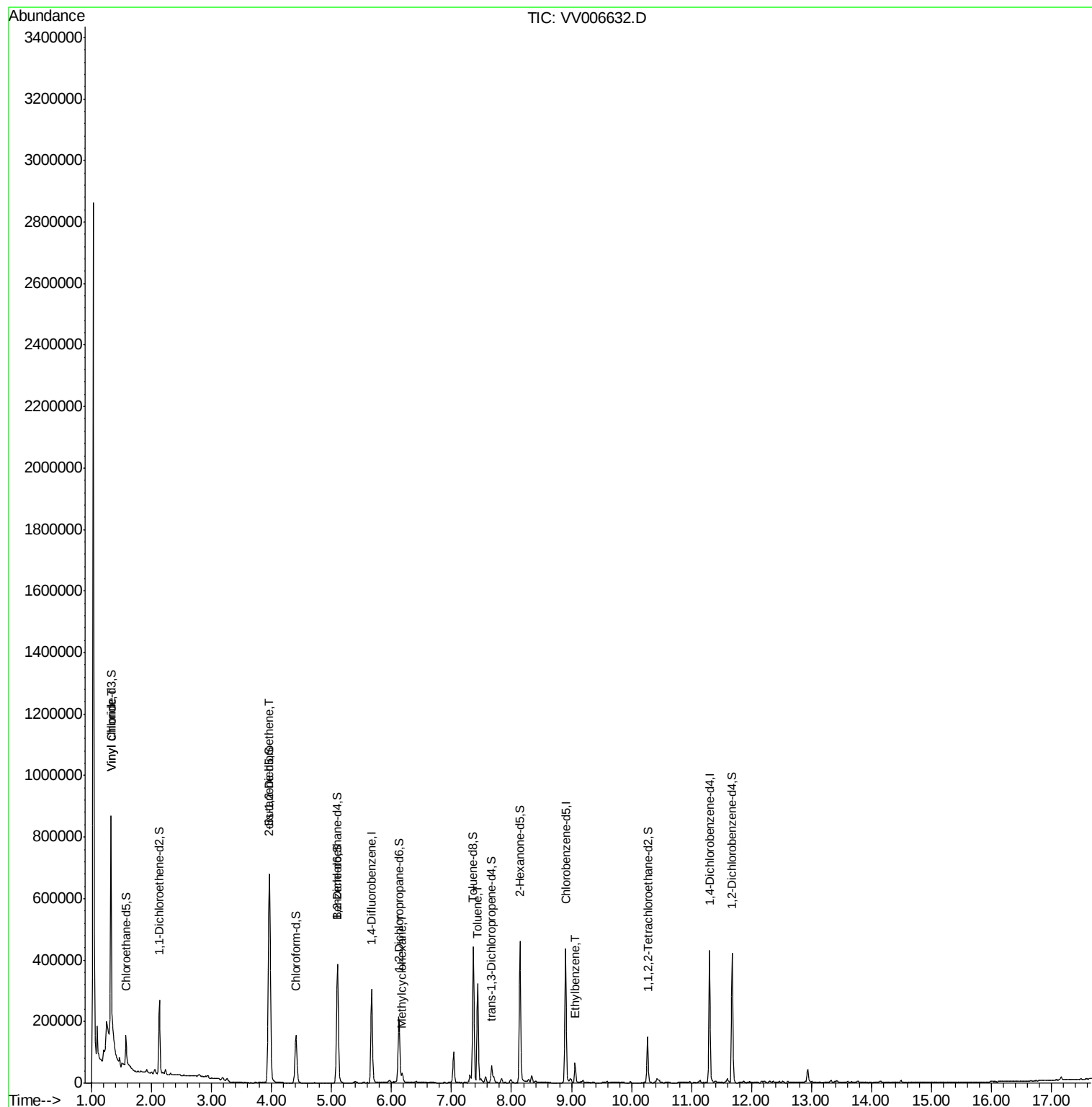
						Ovalue
5) Vinyl chloride	1.32	62	482373	15.30	ug/L	84
22) cis-1,2-Dichloroethene	3.97	96	339526	14.01	ug/L	99
35) Methylcyclohexane	6.18	83	11124	0.31	ug/L	96
42) Toluene	7.44	91	233962	2.47	ug/L	99
52) Ethylbenzene	9.06	91	43593	0.44	ug/L	100

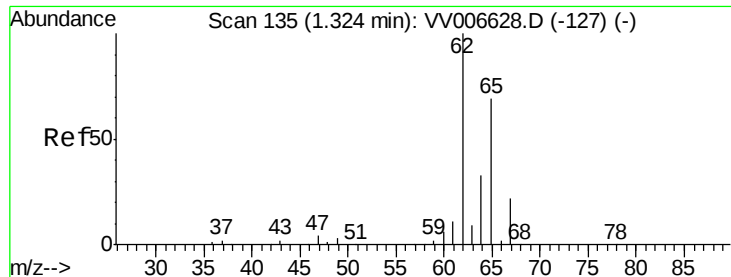
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 15.30 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006632.D

Acq: 18 Jul 2018 16:42

Instrument :

MSVOA_V

ClientSampled :

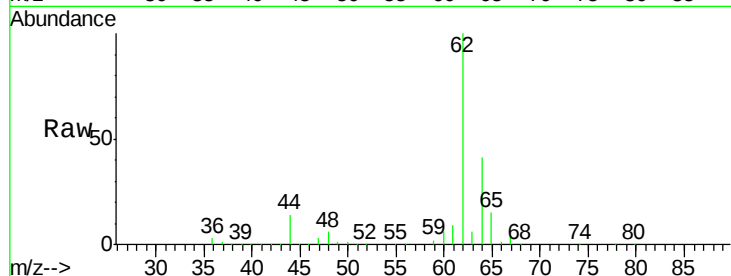
DB176

Tot Ion: 62 Resp: 482373

Ion Ratio Lower Upper

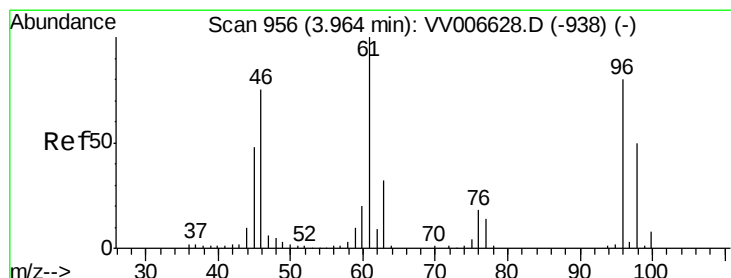
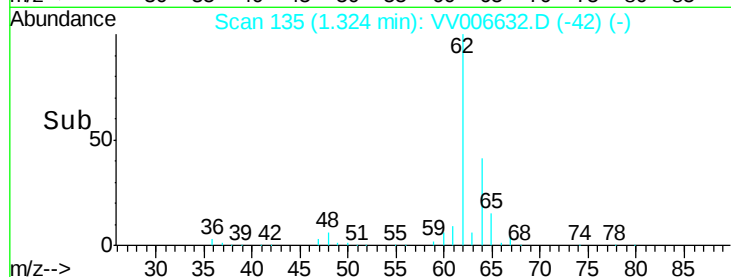
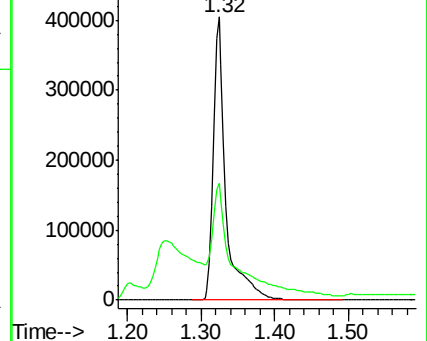
62 100

64 41.4 22.6 42.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#22

cis-1,2-Dichloroethene

Concen: 14.01 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006632.D

Acq: 18 Jul 2018 16:42

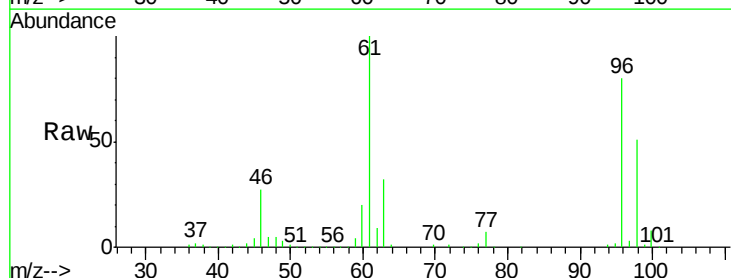
Tgt Ion: 96 Resp: 339526

Ion Ratio Lower Upper

96 100

61 124.5 86.2 160.2

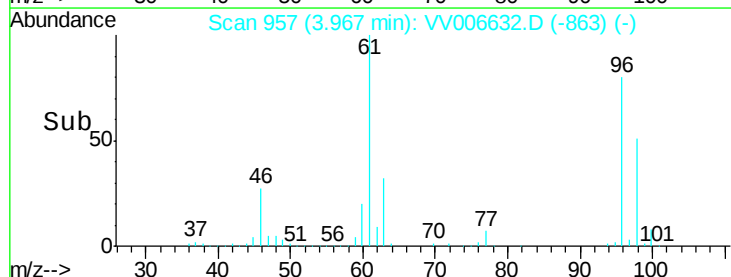
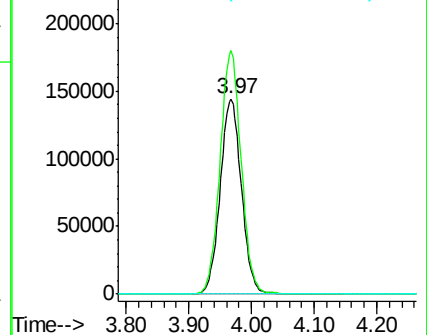
68 0.0 0.0 0.0

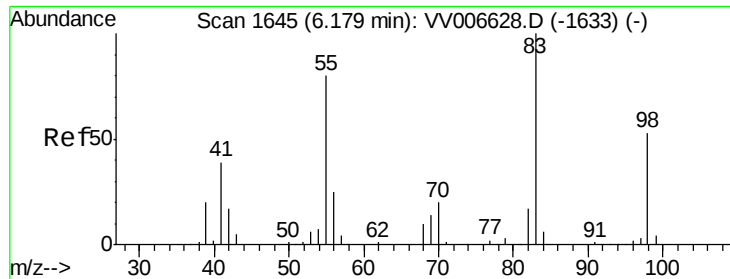


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

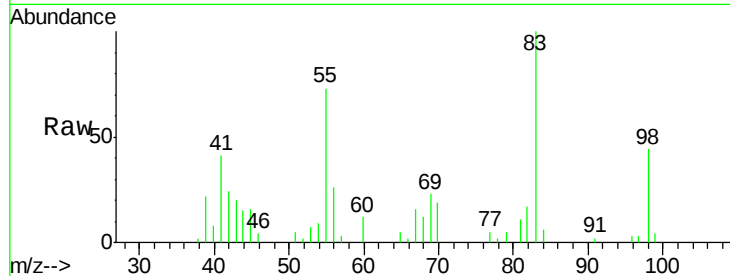




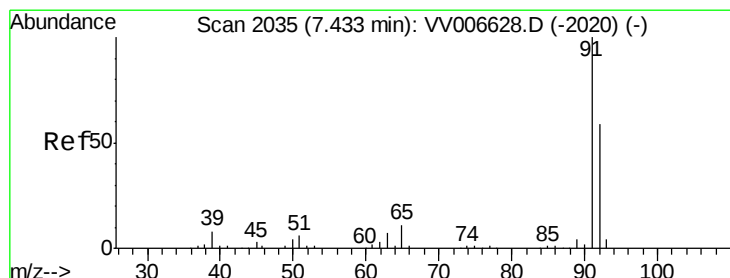
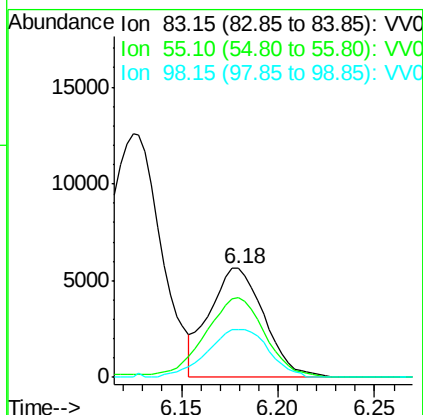
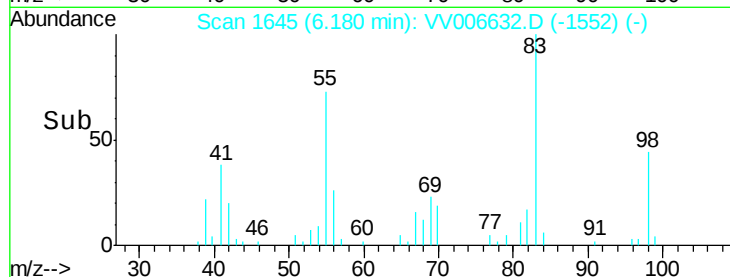
#35
Methvlcvclohexane
Concen: 0.31 ug/L
RT: 6.18 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VV006632.D
Acq: 18 Jul 2018 16:42

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Tot Ion: 83 Resp: 11124
Ion Ratio Lower Upper
83 100
55 81.4 60.7 91.1
98 49.1 39.1 58.7

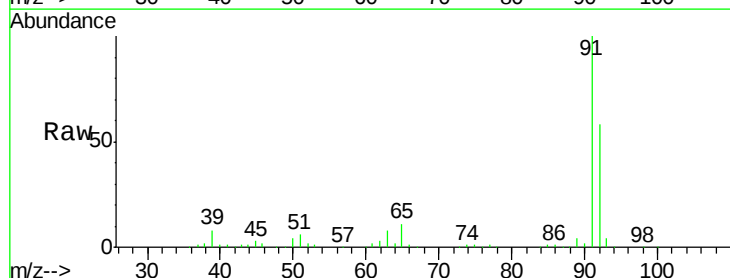


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

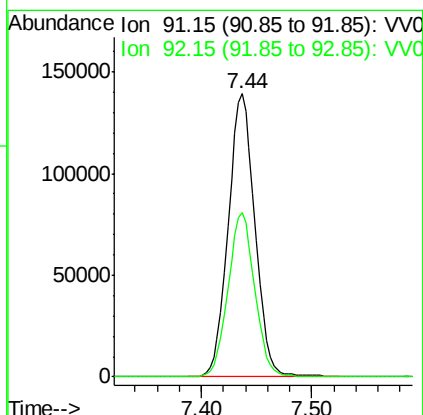
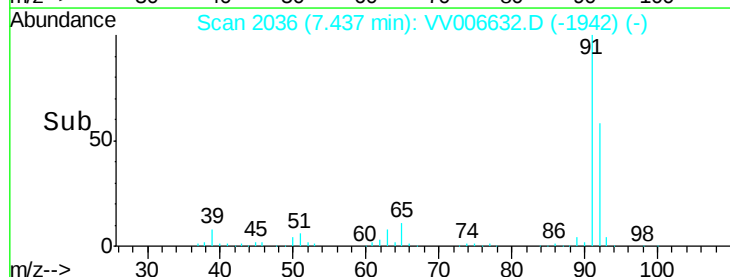


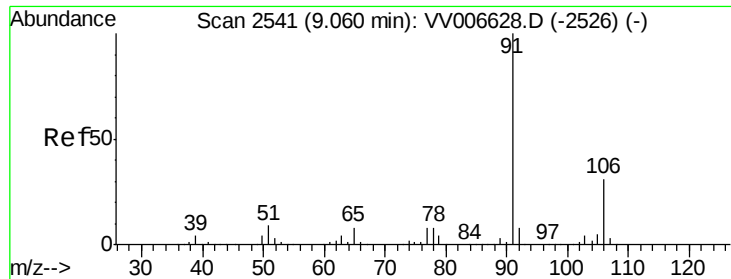
#42
Toluene
Concen: 2.47 ug/L
RT: 7.44 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VV006632.D
Acq: 18 Jul 2018 16:42

Tgt Ion: 91 Resp: 233962
Ion Ratio Lower Upper
91 100
92 57.9 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 92.15 (91.85 to 92.85): VV0





#52
Ethylbenzene
Concen: 0.44 ug/L
RT: 9.06 min Scan# 2541
Delta R.T. 0.00 min
Lab File: VV006632.D
Acq: 18 Jul 2018 16:42

Instrument :
MSVOA_V
ClientSampleId :
DB176

Tot Ion: 91 Resp: 43593
Ion Ratio Lower Upper
91 100
106 31.8 22.2 41.2

