

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017101.D
 Acq On : 25 Jun 2020 03:53
 Operator : SY/MD
 Sample : L3102-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L54

Quant Time: Jun 25 06:08:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 05:27:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	170028	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	166771	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	77966	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36557	3.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.60%
7) Chloroethane-d5	1.58	69	31072	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.13	63	59181	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	3.92	46	112176	43.13	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.26%
24) Chloroform-d	4.38	84	97542	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.06	65	53736	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.08	84	181830	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.10	67	54832	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.60%
41) Toluene-d8	7.34	98	163418	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
45) trans-1,3-Dichloropropene-	7.64	79	20467	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
48) 2-Hexanone-d5	8.11	63	78425	38.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.30%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40295	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	66421	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

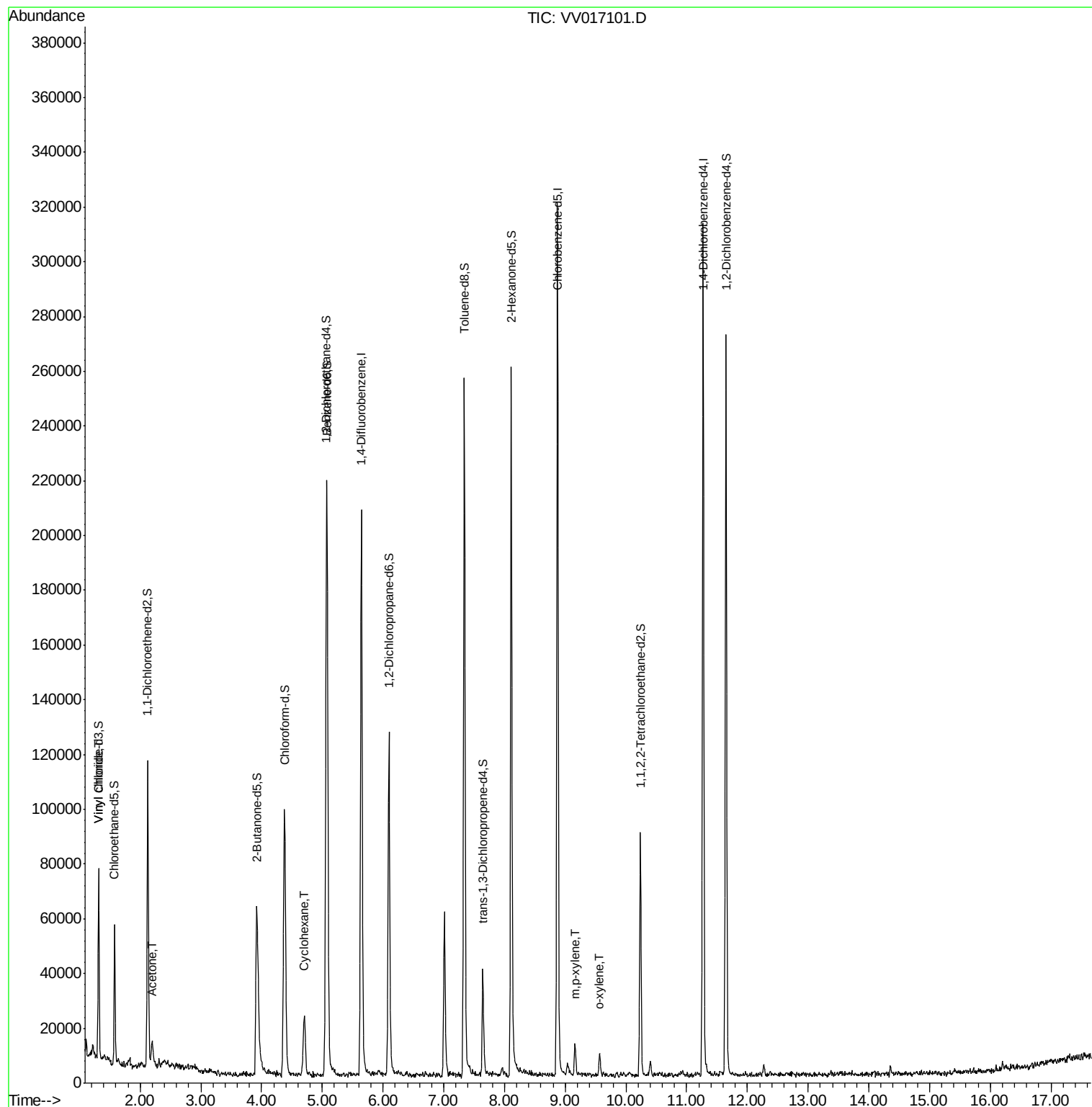
					Ovalue
5) Vinyl chloride	1.32	62	4591	0.411 ug/L	# 73
13) Acetone	2.19	43	12881	9.798 ug/L	100
30) Cyclohexane	4.70	56	10951	0.576 ug/L	94
55) m,p-xylene	9.16	106	3344	0.157 ug/L	86
56) o-xylene	9.57	106	1988	0.100 ug/L	77

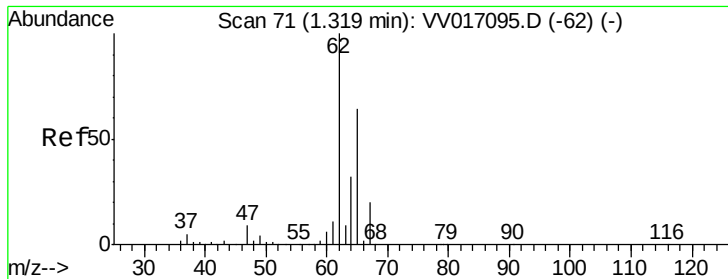
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.411 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

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Acq: 25 Jun 2020 03:53

Instrument :

MSVOA_V

ClientSampleId :

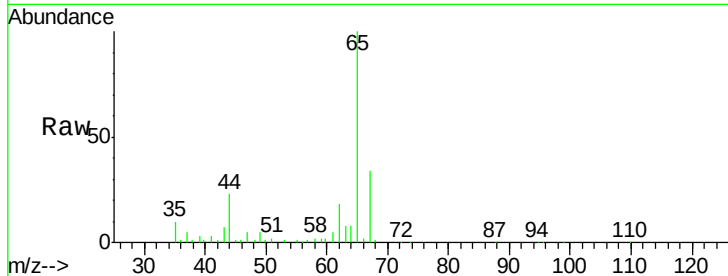
F9L54

Tot Ion: 62 Resp: 4591

Ion Ratio Lower Upper

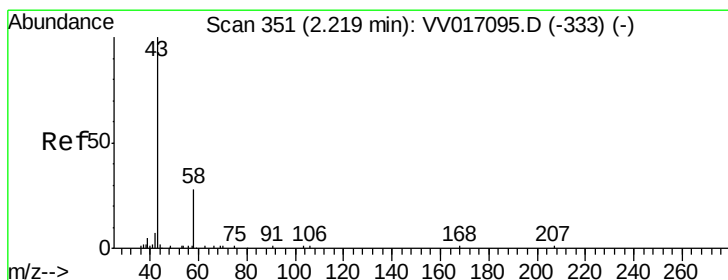
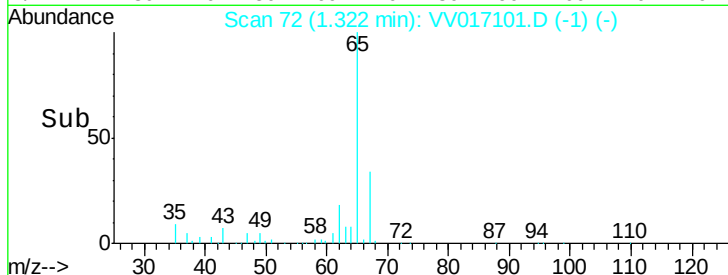
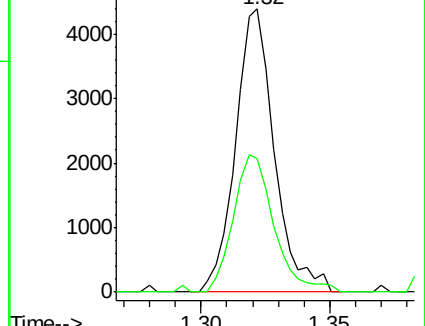
62 100

64 47.2 22.5 41.7#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#13

Acetone

Concen: 9.798 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.03 min

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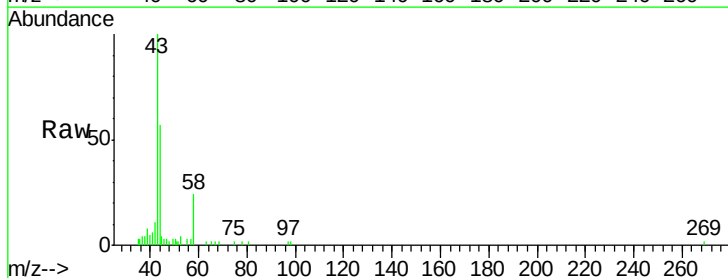
Acq: 25 Jun 2020 03:53

Tgt Ion: 43 Resp: 12881

Ion Ratio Lower Upper

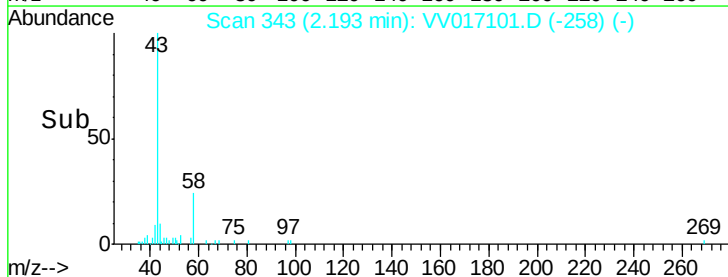
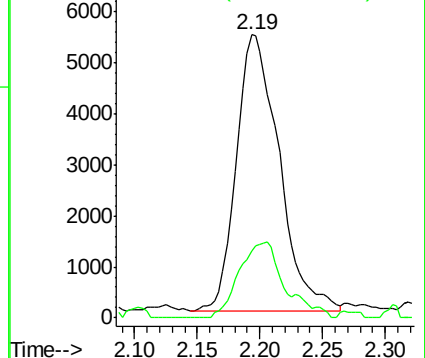
43 100

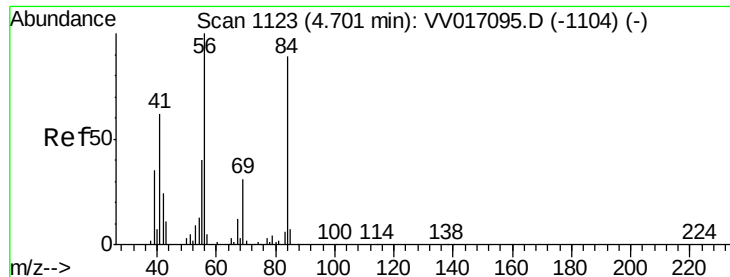
58 29.2 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

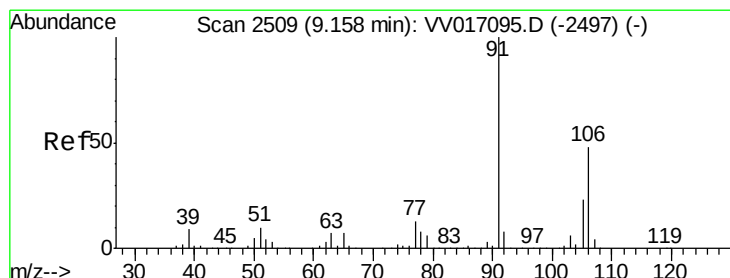
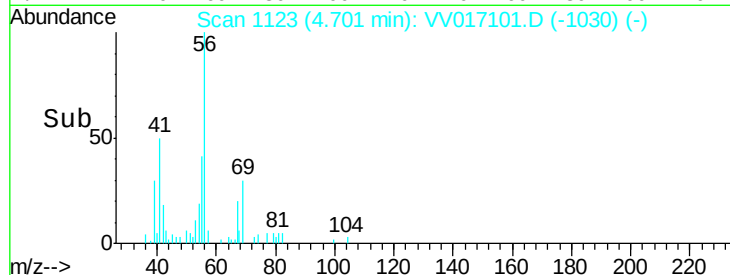
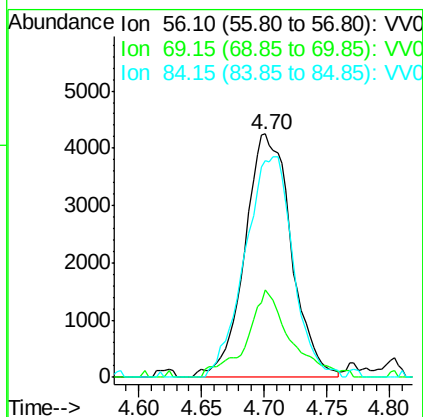
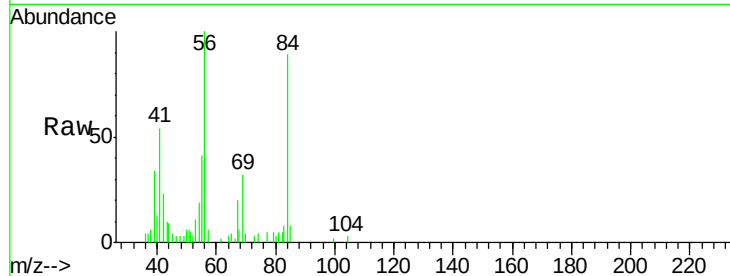




#30
Cyclohexane
Concen: 0.576 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV017101.D
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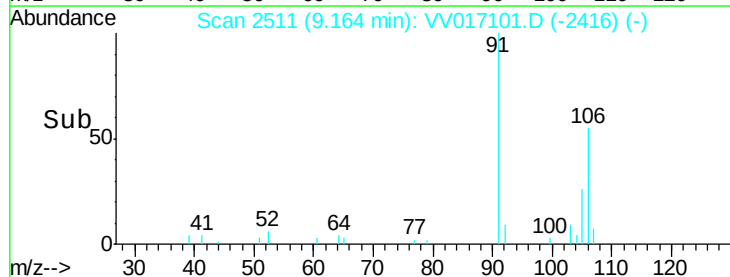
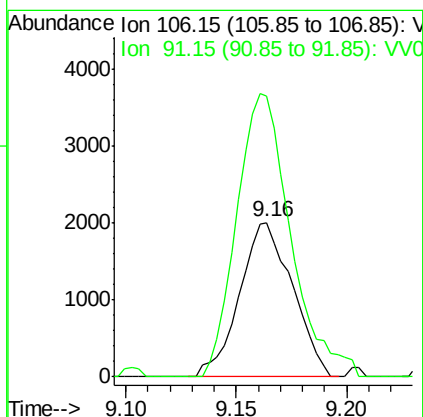
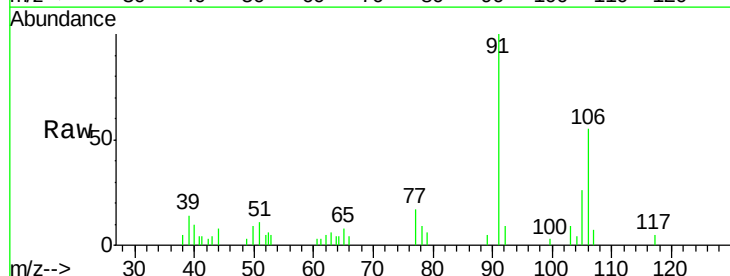
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MSVOA_V
ClientSampled :
F9L54

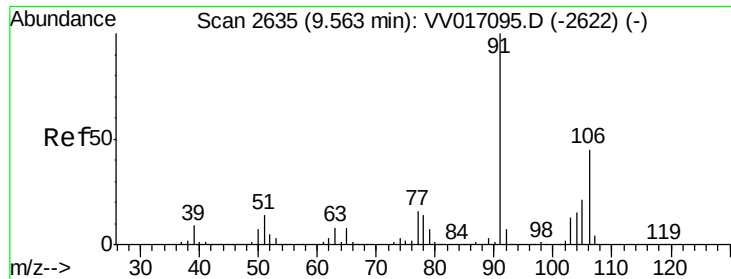
Tot Ion	56	Resp	10951
Ion	Ratio	Lower	Upper
56	100		
69	33.9	24.4	36.6
84	93.5	69.9	104.9



#55
m,p-xylene
Concen: 0.157 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV017101.D
Acq: 25 Jun 2020 03:53

Tgt Ion	106	Resp	3344
Ion	Ratio	Lower	Upper
106	100		
91	181.6	142.7	264.9





#56
 o-xylene
 Concen: 0.100 ug/L
 RT: 9.57 min Scan# 2636
 Delta R.T. 0.00 min
 Lab File: VV017101.D
 Acq: 25 Jun 2020 03:53

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L54

Tot Ion:106 Resp: 1988
 Ion Ratio Lower Upper
 106 100
 91 182.3 153.6 285.2

