

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016635.D
 Acq On : 07 Jun 2020 11:19
 Operator : SY/MD
 Sample : L2862-09DL 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D92DL

Quant Time: Jun 08 07:06:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 08 05:42:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	349291	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	327141	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	149248	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103116	41.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.36%
7) Chloroethane-d5	1.56	69	73769	41.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.12	63	139639	31.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.68%
21) 2-Butanone-d5	3.90	46	170207	107.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.60%
24) Chloroform-d	4.37	84	221846	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
26) 1,2-Dichloroethane-d4	5.06	65	158137	50.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.72%
32) Benzene-d6	5.07	84	446126	50.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.82%
36) 1,2-Dichloropropane-d6	6.09	67	138588	50.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.52%
41) Toluene-d8	7.34	98	395816	49.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.46%
43) trans-1,3-Dichloropropene-	7.64	79	59946	45.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.10%
47) 2-Hexanone-d5	8.11	63	120553	103.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.09%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176725	47.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	157262	56.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.14%

Target Compounds

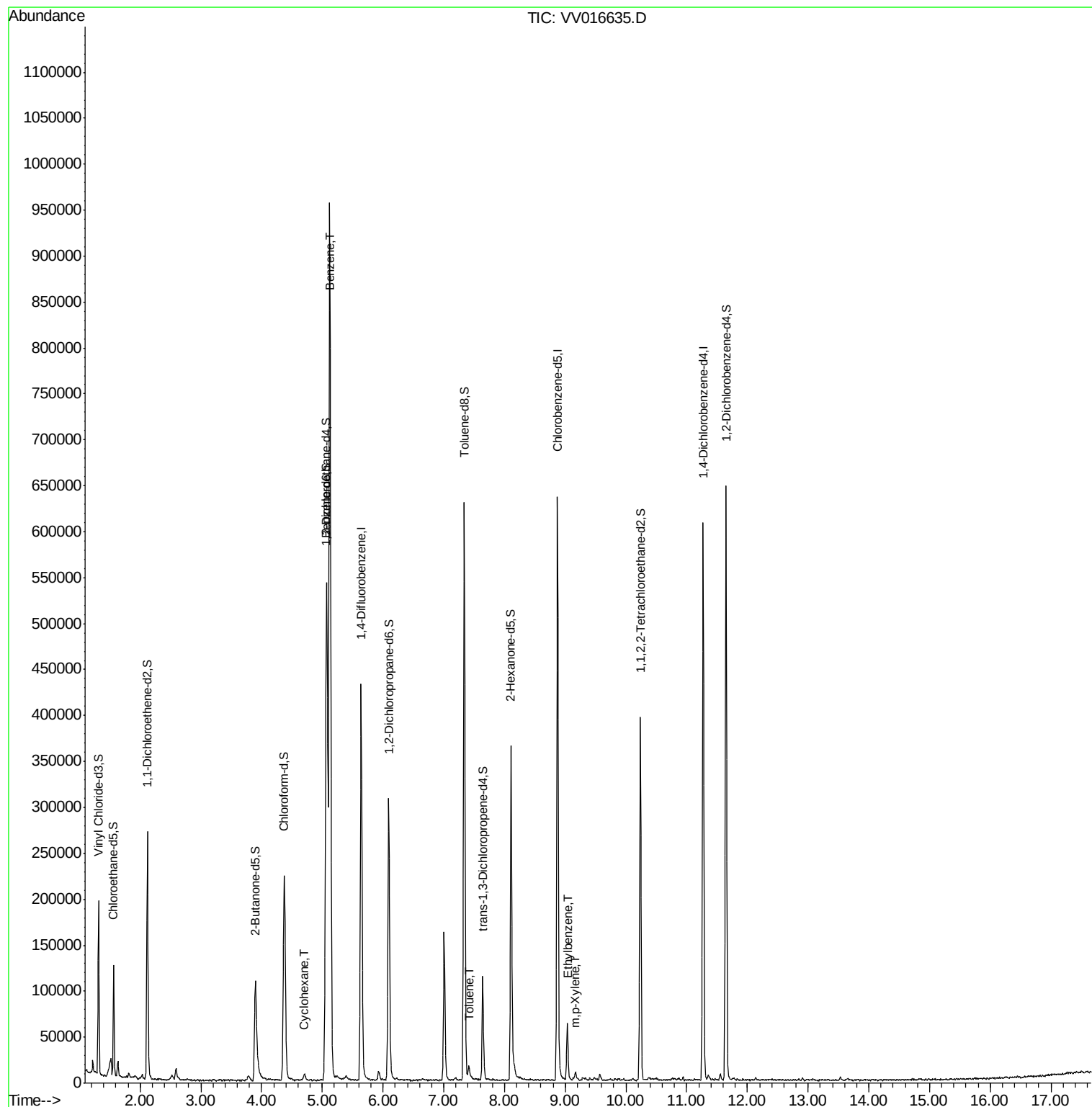
					Ovalue
29) Cyclohexane	4.70	56	3793	0.977 ug/L	# 86
33) Benzene	5.12	78	921455	95.774 ug/L	100
42) Toluene	7.41	91	9482	0.930 ug/L	98
52) Ethylbenzene	9.04	91	42524	3.832 ug/L	99
53) m,p-Xylene	9.17	106	2354	0.563 ug/L	87

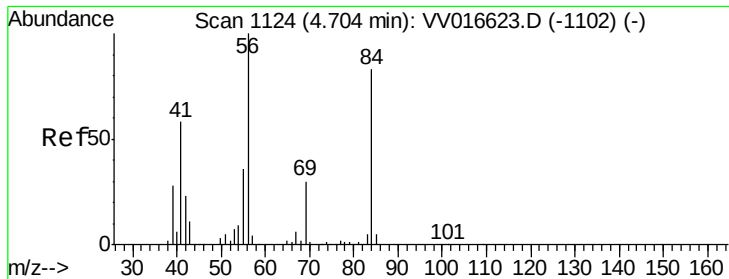
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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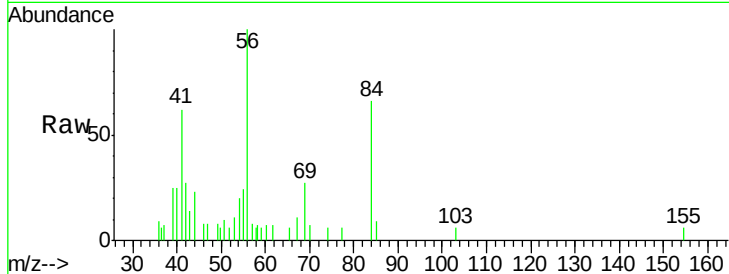




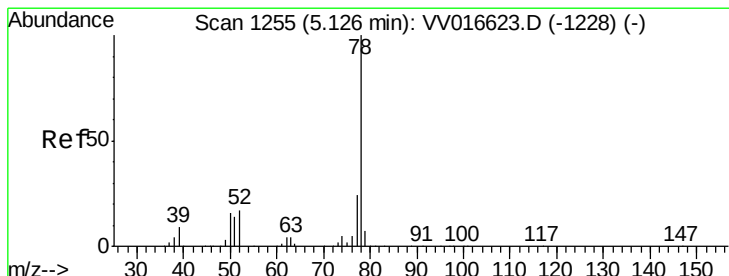
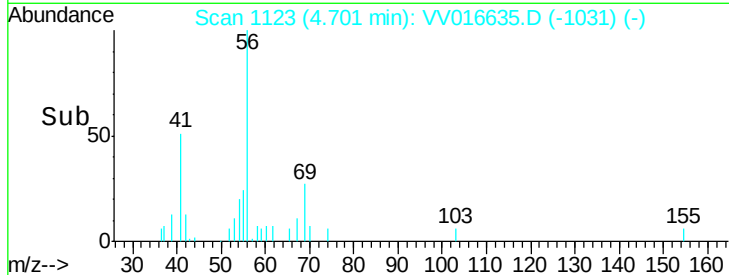
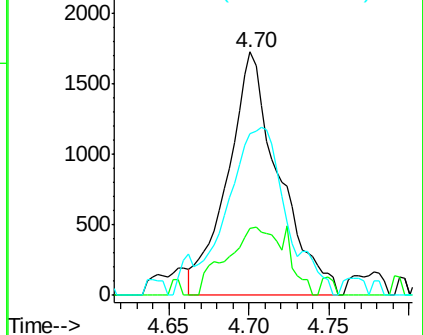
#29
Cyclohexane
Concen: 0.977 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV016635.D
Acq: 07 Jun 2020 11:19

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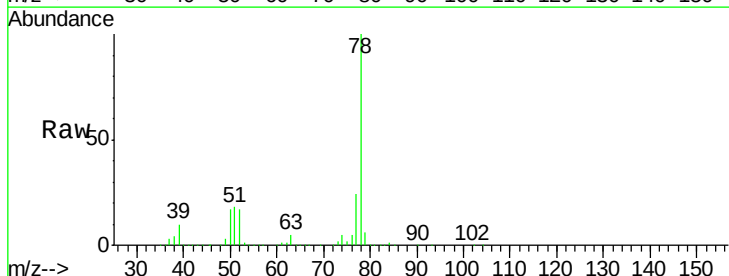
Tot Ion: 56 Resp: 3793
Ion Ratio Lower Upper
56 100
69 23.1 23.9 35.9#
84 71.9 68.2 102.2



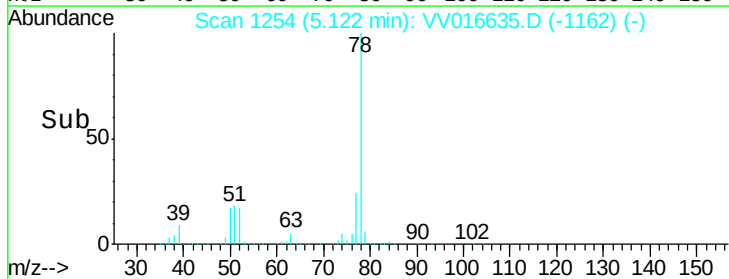
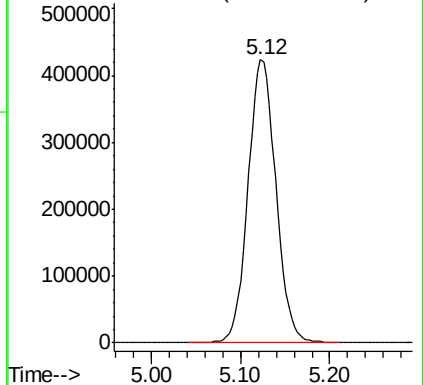
Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

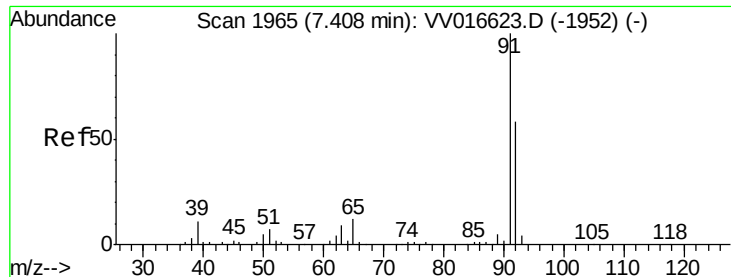


#33
Benzene
Concen: 95.774 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016635.D
Acq: 07 Jun 2020 11:19
Tgt Ion: 78 Resp: 921455



Abundance Ion 78.00 (77.70 to 78.70): VV0





#42

Toluene

Concen: 0.930 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016635.D

Acq: 07 Jun 2020 11:19

Instrument :

MSVOA_V

ClientSampleId :

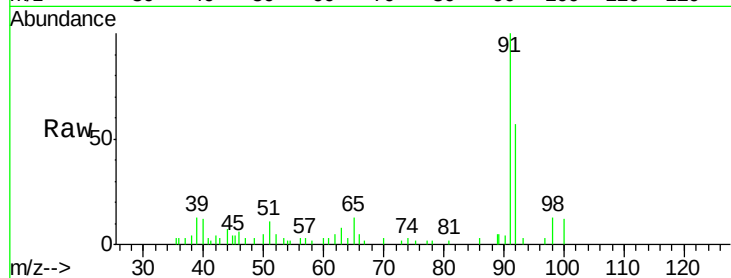
F9D92DL

Tot Ion: 91 Resp: 9482

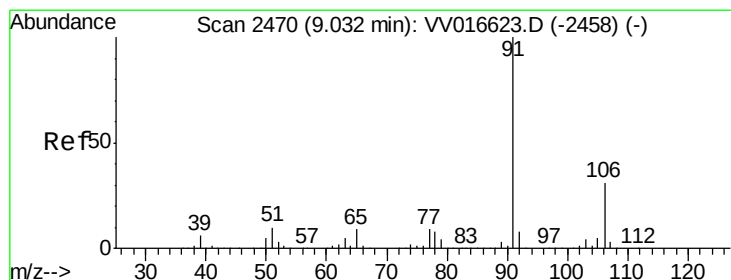
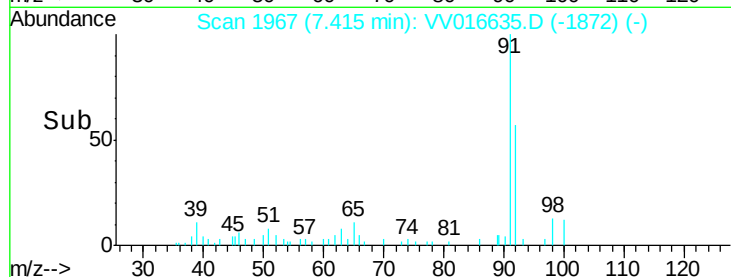
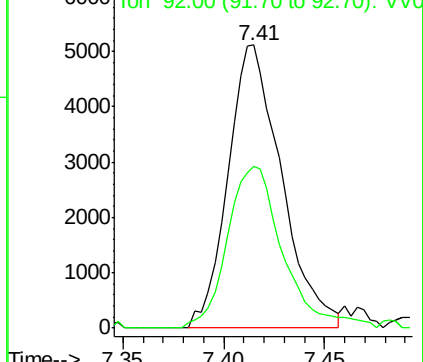
Ion Ratio Lower Upper

91 100

92 57.0 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV016623.D (-1952) (-)



#52

Ethylbenzene

Concen: 3.832 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016635.D

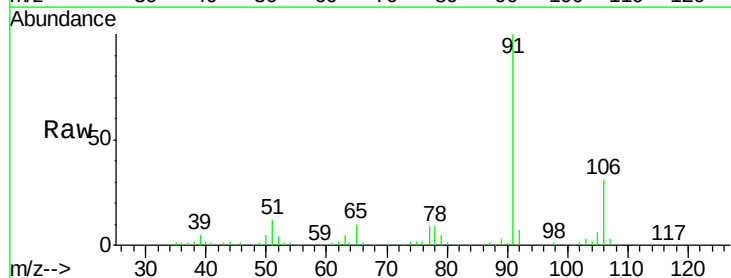
Acq: 07 Jun 2020 11:19

Tgt Ion: 91 Resp: 42524

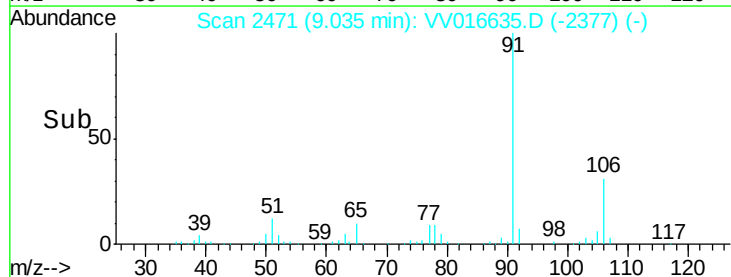
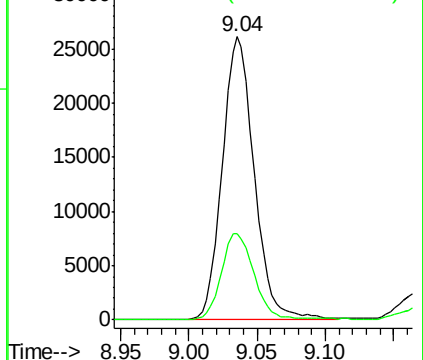
Ion Ratio Lower Upper

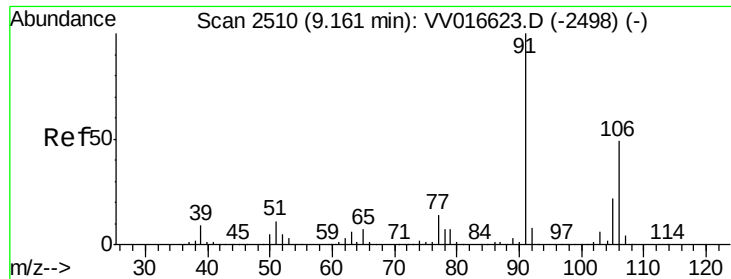
91 100

106 30.7 21.8 40.4



Abundance Ion 91.00 (90.70 to 91.70): VV016623.D (-2458) (-)





#53
 m,p-Xylene
 Concen: 0.563 ug/L
 RT: 9.17 min Scan# 2513
 Delta R.T. 0.01 min
 Lab File: VV016635.D
 Acq: 07 Jun 2020 11:19

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D92DL

Tot Ion:106 Resp: 2354
 Ion Ratio Lower Upper
 106 100
 91 182.9 142.5 264.6

