

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016715.D
 Acq On : 09 Jun 2020 14:28
 Operator : SY/MD
 Sample : L2901-20MS
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTR2MS

Quant Time: Jun 10 02:22:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 00:34:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	353019	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	339895	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166588	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	88295	35.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.90%
7) Chloroethane-d5	1.56	69	66138	44.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.50%
11) 1,1-Dichloroethene-d2	2.12	63	169559	40.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.08%
21) 2-Butanone-d5	3.89	46	176752	95.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.87%
24) Chloroform-d	4.37	84	219934	43.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.84%
26) 1,2-Dichloroethane-d4	5.05	65	158299	45.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.90%
32) Benzene-d6	5.07	84	418395	42.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.09	67	135937	44.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.02%
41) Toluene-d8	7.34	98	380201	42.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.58%
43) trans-1,3-Dichloropropene-	7.64	79	64724	40.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.38%
47) 2-Hexanone-d5	8.11	63	121936	91.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.58%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	187584	46.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	165506	46.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.10%

Target Compounds

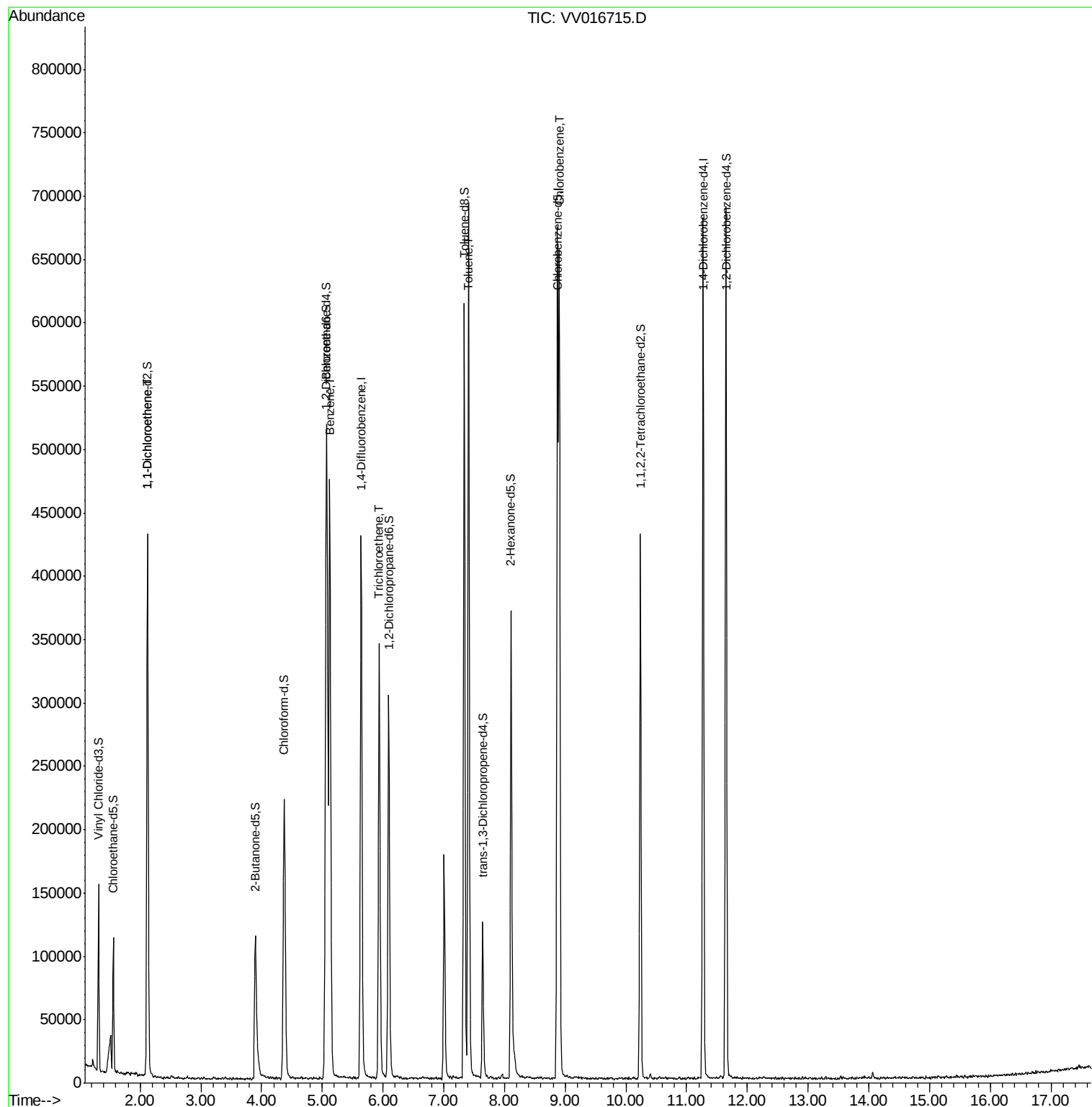
					Ovalue
12) 1,1-Dichloroethene	2.13	96	73801	42.121 ug/L	97
33) Benzene	5.12	78	455729	45.317 ug/L	100
34) Trichloroethene	5.94	95	114369	42.404 ug/L	98
42) Toluene	7.41	91	485481	45.794 ug/L	98
51) Chlorobenzene	8.90	112	320698	46.366 ug/L	98

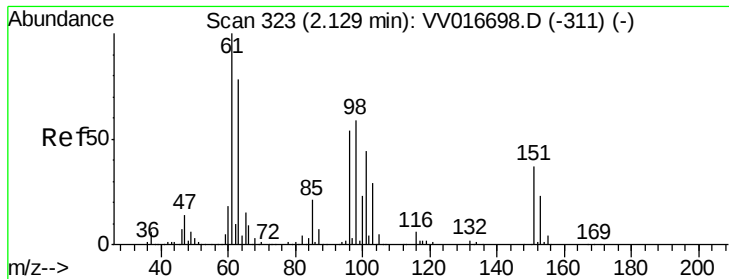
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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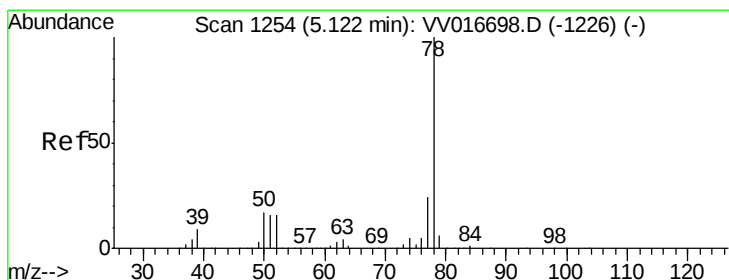
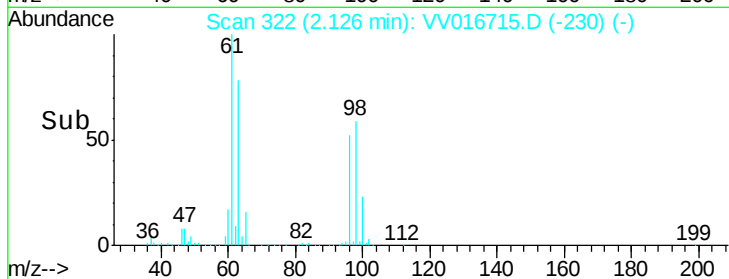
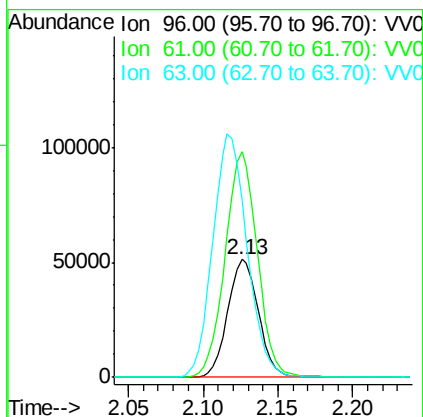
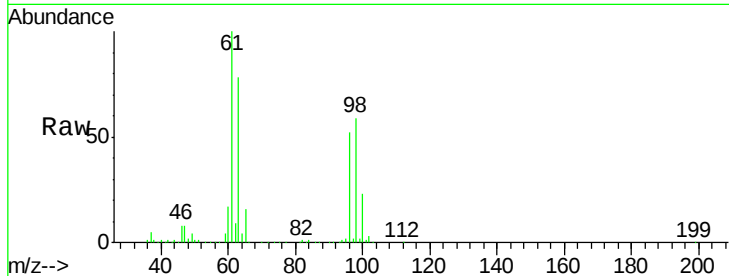




#12
 1,1-Dichloroethene
 Concen: 42.121 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VV016715.D
 Acq: 09 Jun 2020 14:28

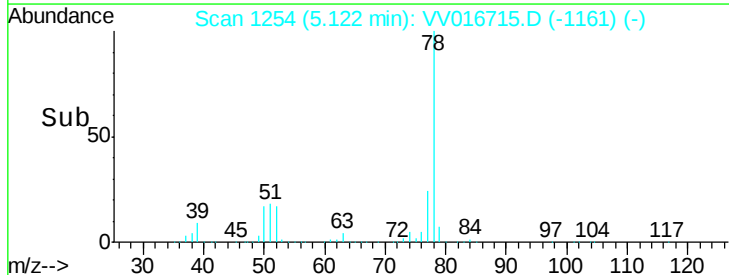
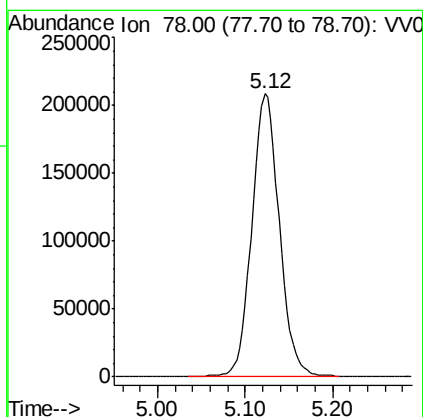
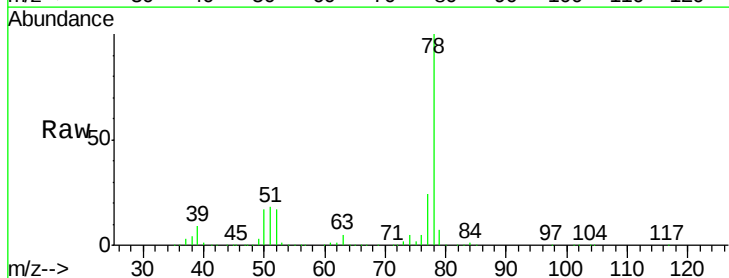
Instrument :
 MSVOA_V
 ClientSampleId :
 ETTR2MS

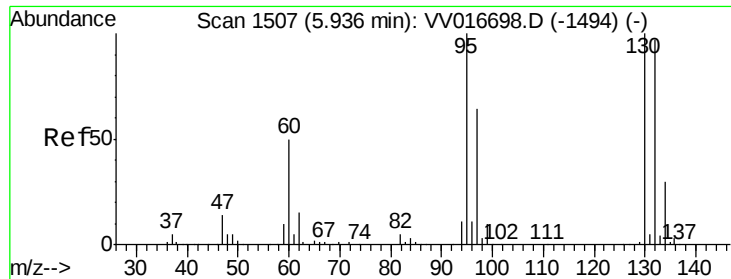
Tot Ion: 96 Resp: 73801
 Ion Ratio Lower Upper
 96 100
 61 192.1 130.4 242.2
 63 150.6 103.3 191.9



#33
 Benzene
 Concen: 45.317 ug/L
 RT: 5.12 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: VV016715.D
 Acq: 09 Jun 2020 14:28

Tgt Ion: 78 Resp: 455729

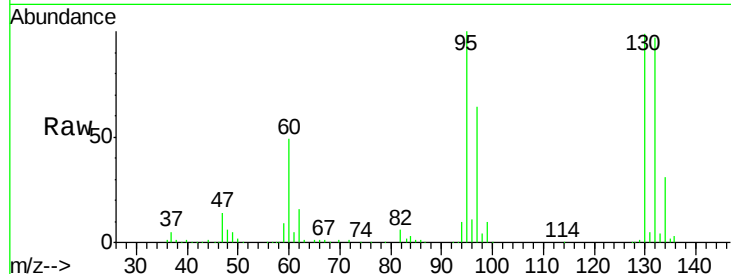




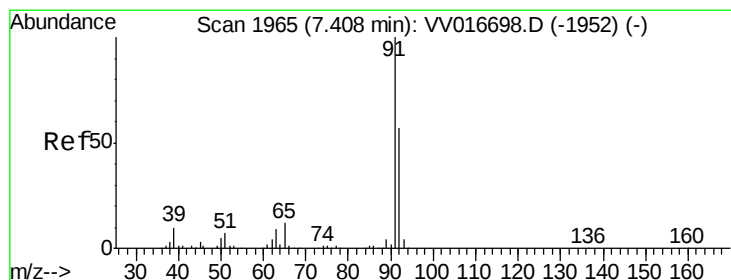
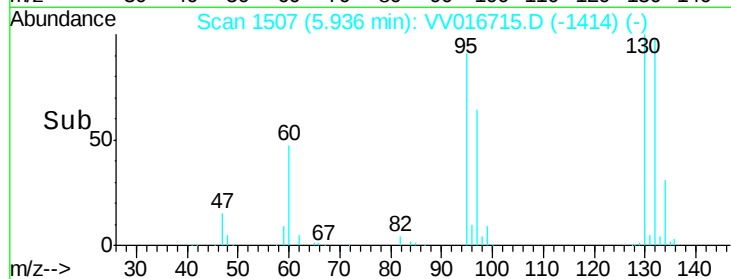
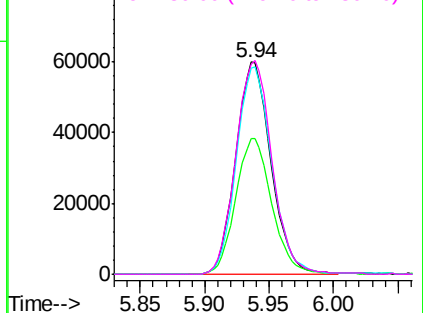
#34
 Trichloroethene
 Concen: 42.404 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV016715.D
 Acq: 09 Jun 2020 14:28

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTR2MS

Tot Ion:	95	Resp:	114369
Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.3	82.3
132	97.2	67.9	126.1
130	99.3	72.2	134.2

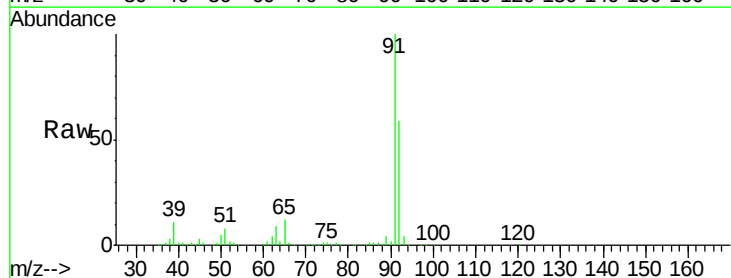


Abundance Ion 95.00 (94.70 to 95.70): VV016698.D (-1494) (-)
 Ion 97.00 (96.70 to 97.70): VV016698.D (-1494) (-)
 Ion 132.00 (131.70 to 132.70): VV016698.D (-1494) (-)
 Ion 130.00 (129.70 to 130.70): VV016698.D (-1494) (-)

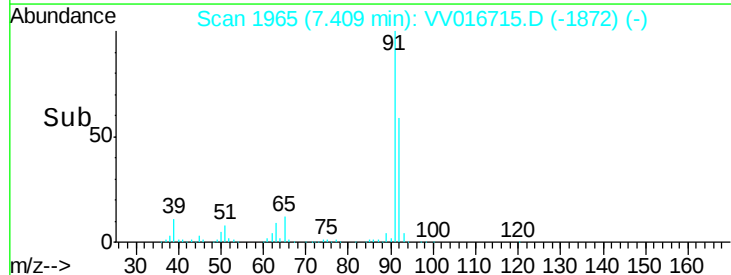
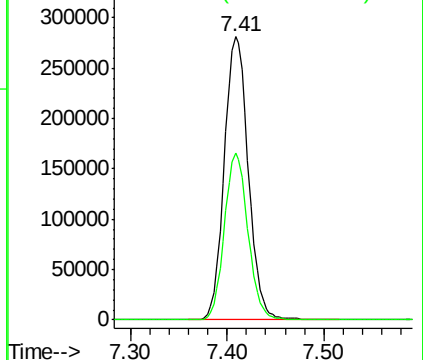


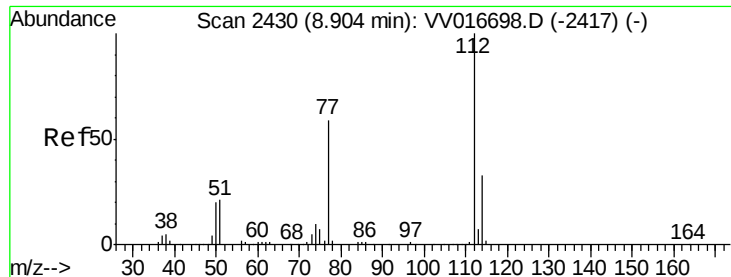
#42
 Toluene
 Concen: 45.794 ug/L
 RT: 7.41 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VV016715.D
 Acq: 09 Jun 2020 14:28

Tgt Ion:	91	Resp:	485481
Ion	Ratio	Lower	Upper
91	100		
92	59.0	40.4	75.0



Abundance Ion 91.00 (90.70 to 91.70): VV016698.D (-1952) (-)
 Ion 92.00 (91.70 to 92.70): VV016698.D (-1952) (-)





#51
 Chlorobenzene
 Concen: 46.366 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VV016715.D
 Acq: 09 Jun 2020 14:28

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTR2MS

Tot Ion:	112	Resp:	320698
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.3	41.3
77	58.4	47.9	71.9

