

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016741.D
 Acq On : 10 Jun 2020 00:45
 Operator : SY/MD
 Sample : L2914-06 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E01

Quant Time: Jun 10 03:48:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 03:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	373132	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	347910	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167020	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	93741	35.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.20%
7) Chloroethane-d5	1.56	69	69029	43.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.38%
11) 1,1-Dichloroethene-d2	2.12	63	132112	29.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.76%#
21) 2-Butanone-d5	3.89	46	185958	95.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.43%
24) Chloroform-d	4.37	84	230602	43.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.14%
26) 1,2-Dichloroethane-d4	5.05	65	166646	45.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.52%
32) Benzene-d6	5.07	84	442474	44.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.24%
36) 1,2-Dichloropropane-d6	6.09	67	142885	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.42%
41) Toluene-d8	7.34	98	393865	42.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.64	79	64095	39.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.74%
47) 2-Hexanone-d5	8.11	63	126655	92.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.93%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	187736	45.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	168583	47.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

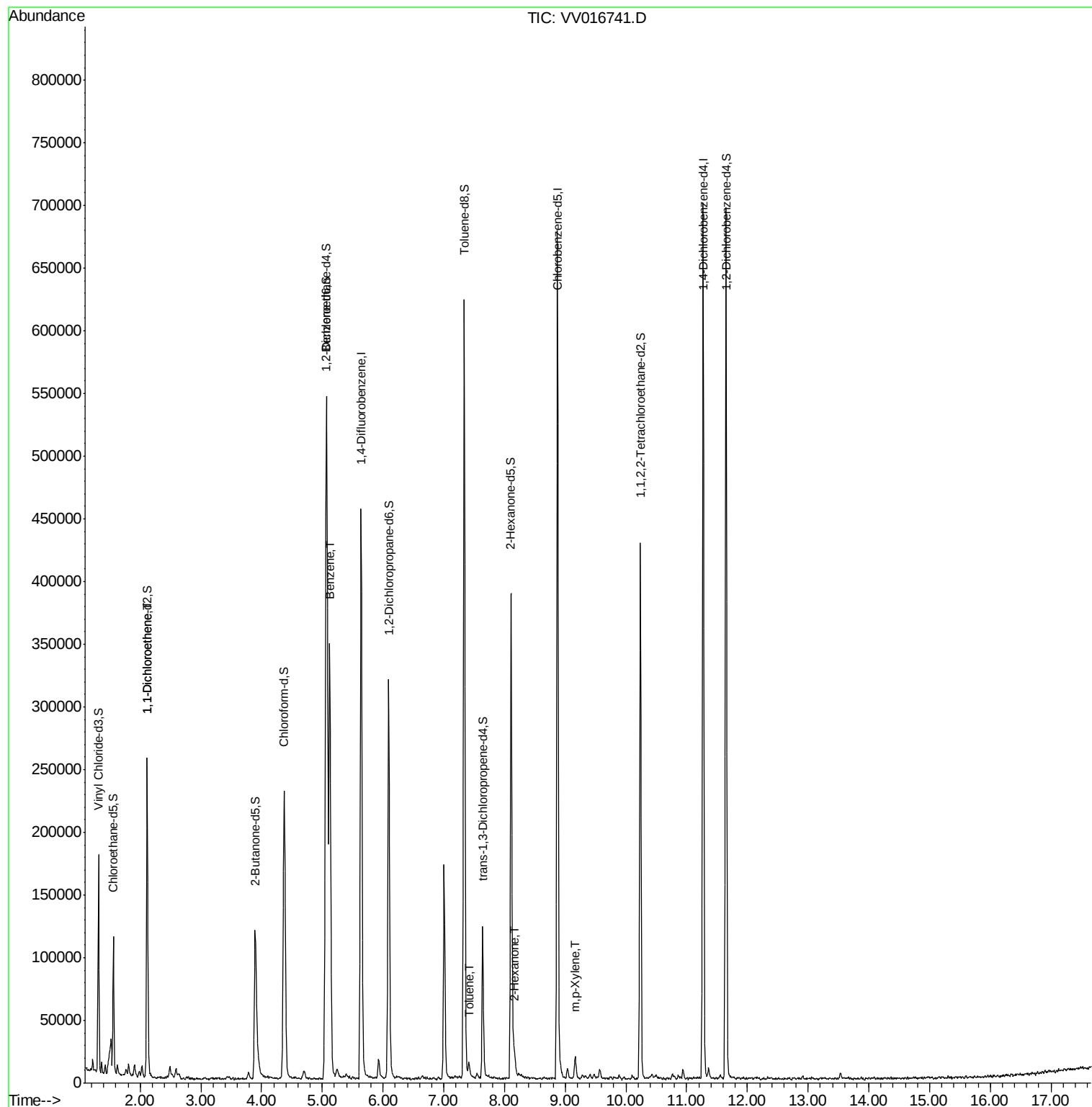
					Ovalue
12) 1,1-Dichloroethene	2.12	96	1286	0.694 ug/L #	1
33) Benzene	5.12	78	332929	32.343 ug/L	100
42) Toluene	7.41	91	7282	0.671 ug/L	97
48) 2-Hexanone	8.16	43	8987	3.056 ug/L	95
53) m,p-Xylene	9.16	106	4590	1.026 ug/L	92

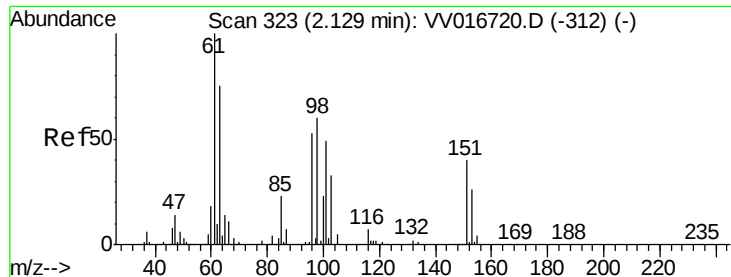
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.694 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016741.D

Acq: 10 Jun 2020 00:45

Instrument :

MSVOA_V

ClientSampleId :

F9E01

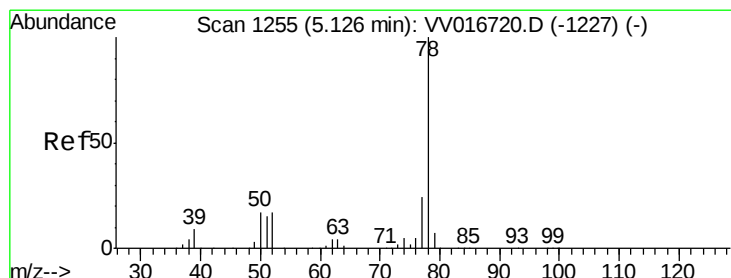
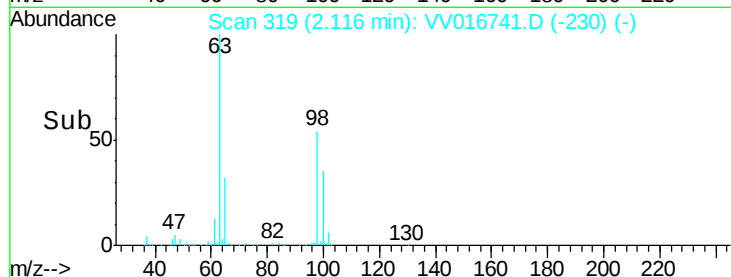
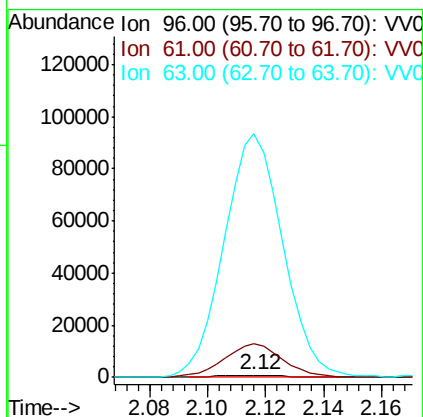
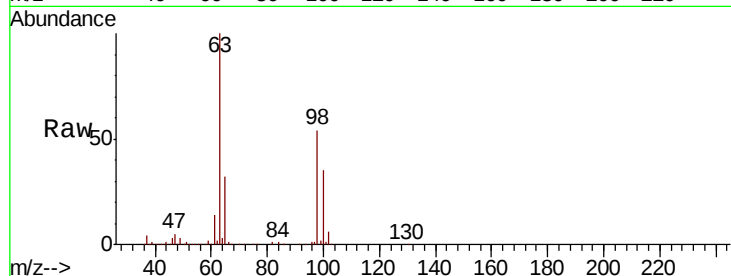
Tot Ion: 96 Resp: 1286

Ion Ratio Lower Upper

96 100

61 1560.0 130.4 242.2#

63 11435.0 103.3 191.9#



#33

Benzene

Concen: 32.343 ug/L

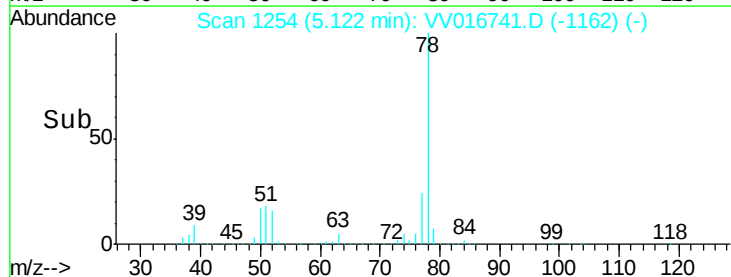
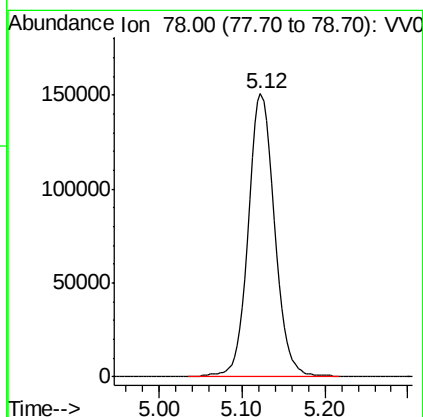
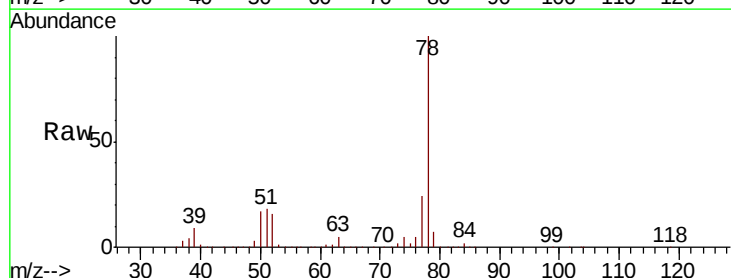
RT: 5.12 min Scan# 1254

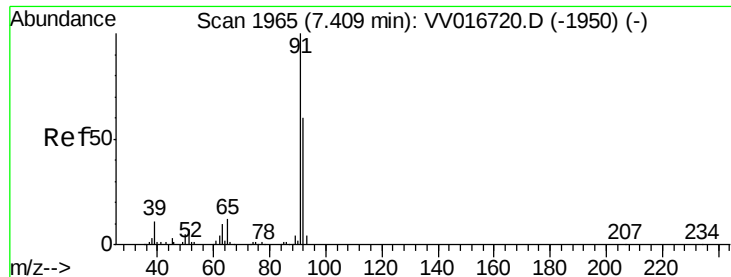
Delta R.T. -0.00 min

Lab File: VV016741.D

Acq: 10 Jun 2020 00:45

Tgt Ion: 78 Resp: 332929





#42

Toluene

Concen: 0.671 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016741.D

Acq: 10 Jun 2020 00:45

Instrument :

MSVOA_V

ClientSampleId :

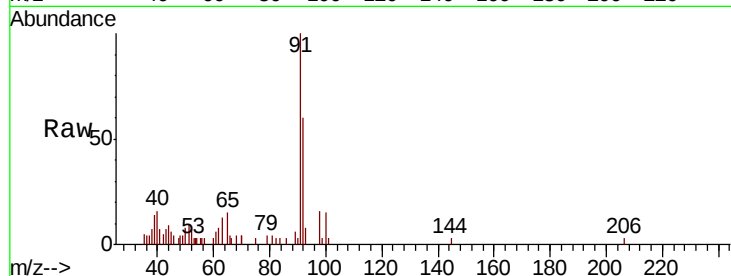
F9E01

Tot Ion: 91 Resp: 7282

Ion Ratio Lower Upper

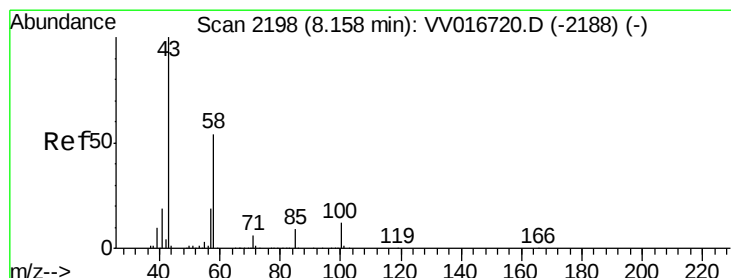
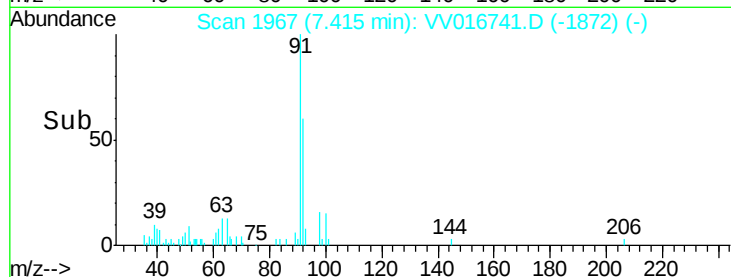
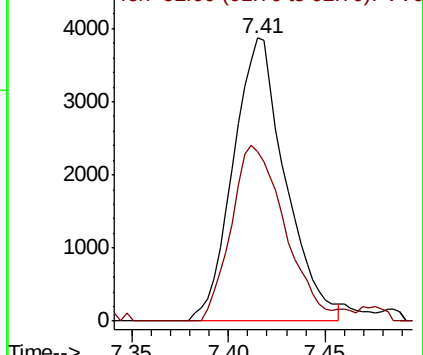
91 100

92 60.1 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0



#48

2-Hexanone

Concen: 3.056 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV016741.D

Acq: 10 Jun 2020 00:45

Tgt Ion: 43 Resp: 8987

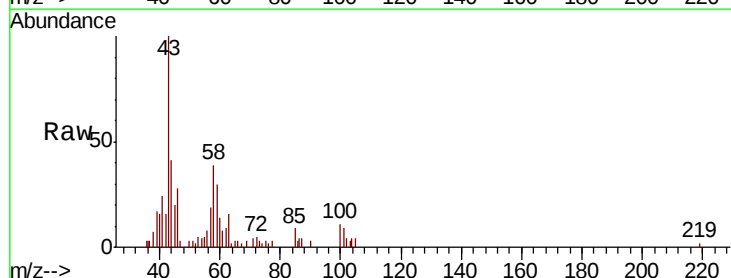
Ion Ratio Lower Upper

43 100

58 49.3 43.1 64.7

57 19.8 15.3 22.9

100 13.5 10.0 15.0

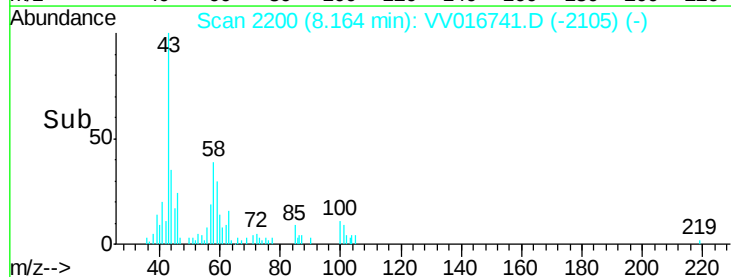
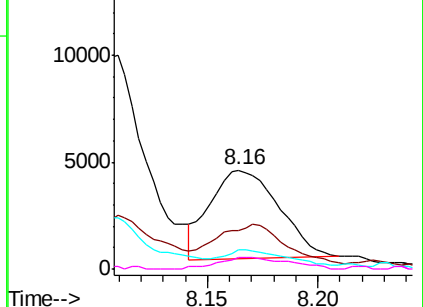


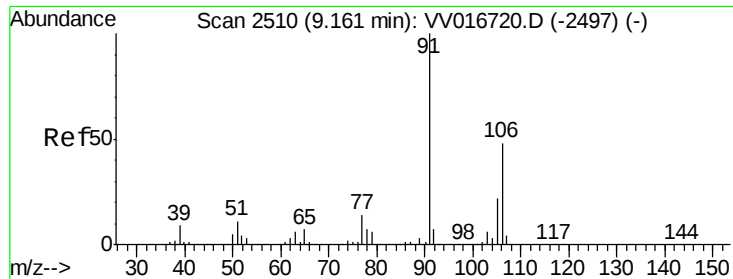
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#53

m,p-Xylene

Concen: 1.026 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VV016741.D

Acq: 10 Jun 2020 00:45

Instrument :

MSVOA_V

ClientSampleId :

F9E01

Tot Ion:106 Resp: 4590

Ion Ratio Lower Upper

106 100

91 194.3 144.6 268.6

