

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016756.D
 Acq On : 10 Jun 2020 09:22
 Operator : SY/MD
 Sample : L2914-10DL 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E13DL

Quant Time: Jun 10 14:19:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 11:40:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	382591	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	360387	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	168039	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93078	34.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.96%
7) Chloroethane-d5	1.57	69	55017	33.96	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.92%#
11) 1,1-Dichloroethene-d2	2.12	63	135726	29.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.88%#
21) 2-Butanone-d5	3.90	46	184726	92.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.45%
24) Chloroform-d	4.37	84	239170	43.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.14%
26) 1,2-Dichloroethane-d4	5.06	65	169825	45.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.96%
32) Benzene-d6	5.07	84	455813	43.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.76%
36) 1,2-Dichloropropane-d6	6.09	67	144839	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.46%
41) Toluene-d8	7.34	98	404975	42.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.96%
43) trans-1,3-Dichloropropene-	7.64	79	68777	40.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.56%
47) 2-Hexanone-d5	8.11	63	122036	86.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.44%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	185986	43.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	165321	46.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

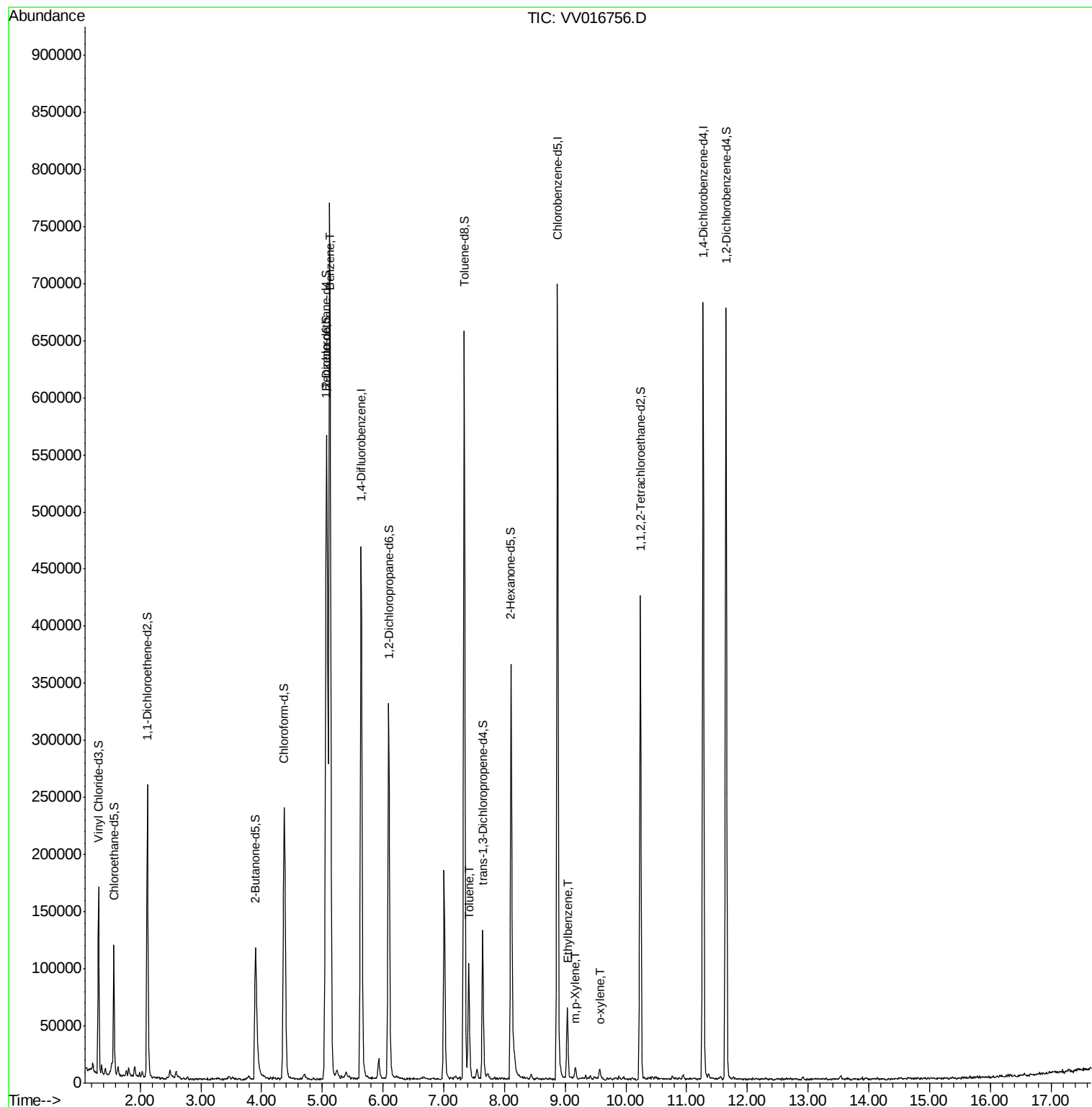
					Ovalue
33) Benzene	5.12	78	743623	69.740	ug/L 100
42) Toluene	7.41	91	70829	6.301	ug/L 100
52) Ethylbenzene	9.04	91	42010	3.374	ug/L 100
53) m,p-Xylene	9.17	106	2658	0.573	ug/L 89
54) o-xylene	9.57	106	2406	0.526	ug/L 77

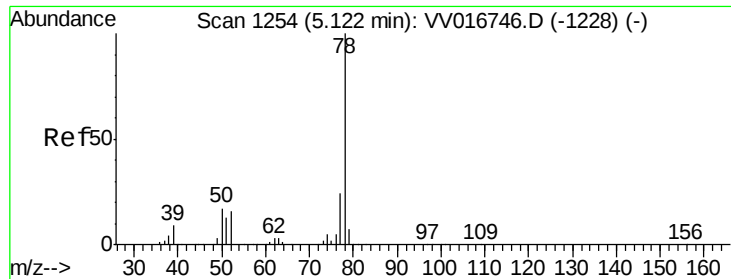
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#33

Benzene

Concen: 69.740 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VV016756.D

Acq: 10 Jun 2020 09:22

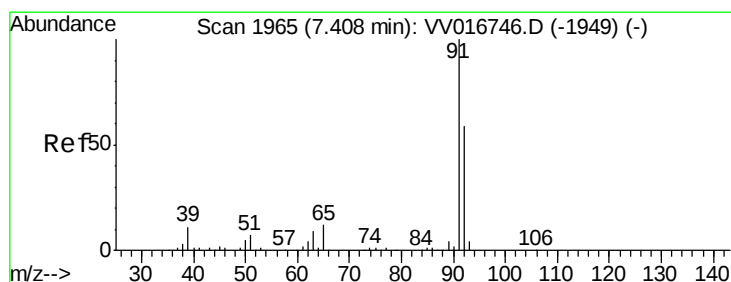
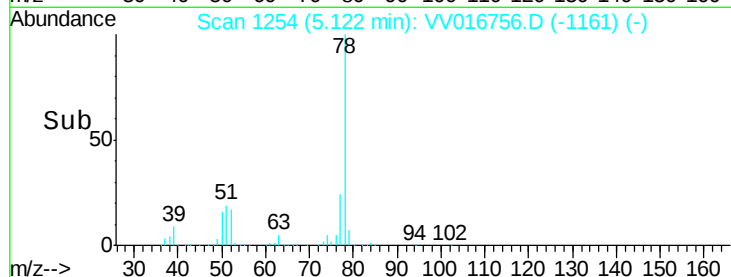
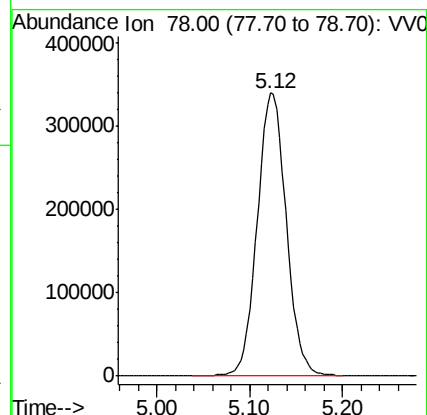
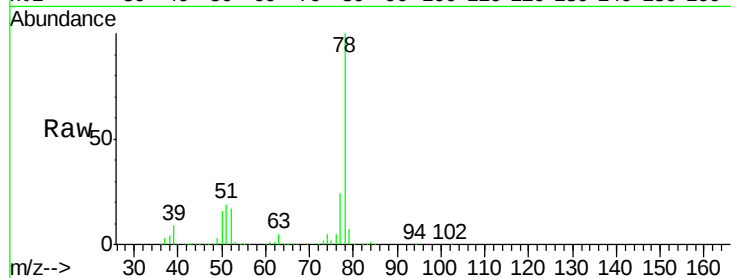
Instrument :

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ClientSampleId :

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Tgt Ion: 78 Resp: 743623



#42

Toluene

Concen: 6.301 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016756.D

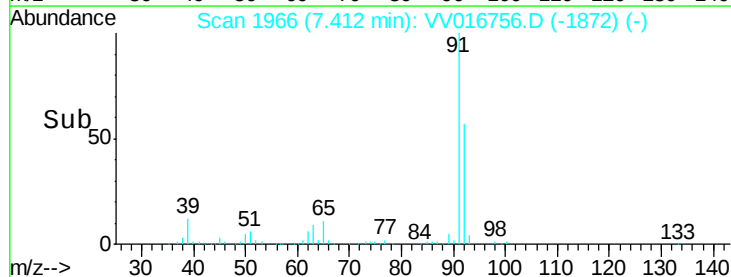
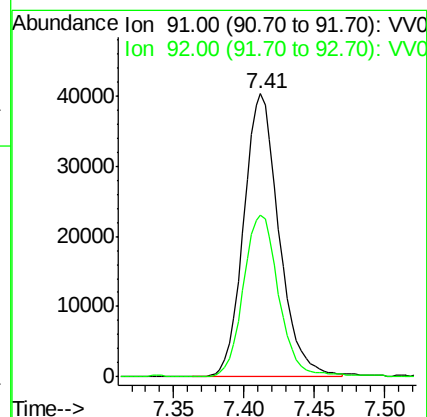
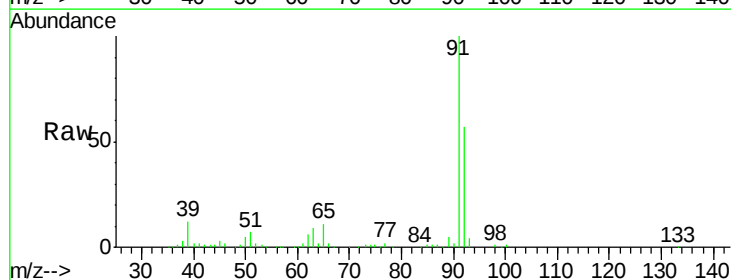
Acq: 10 Jun 2020 09:22

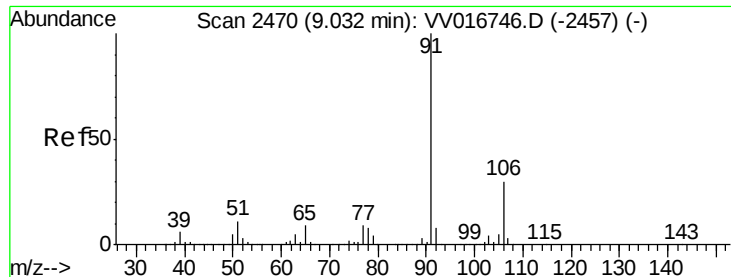
Tgt Ion: 91 Resp: 70829

Ion Ratio Lower Upper

91 100

92 57.4 40.4 75.0

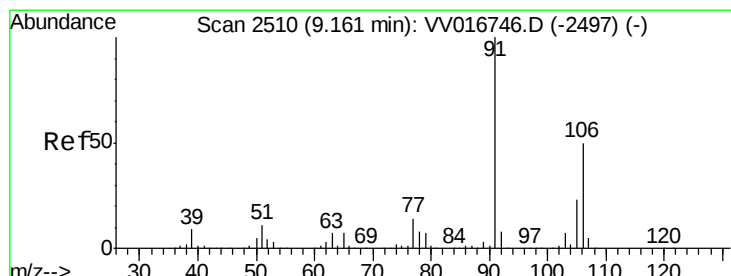
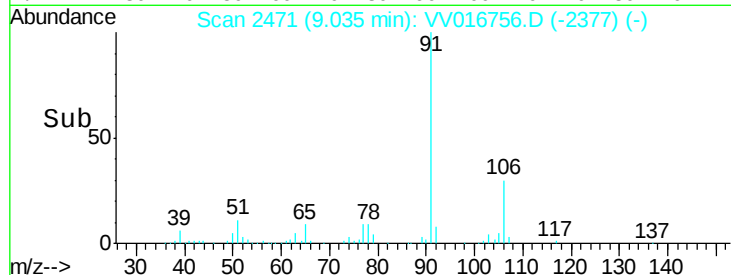
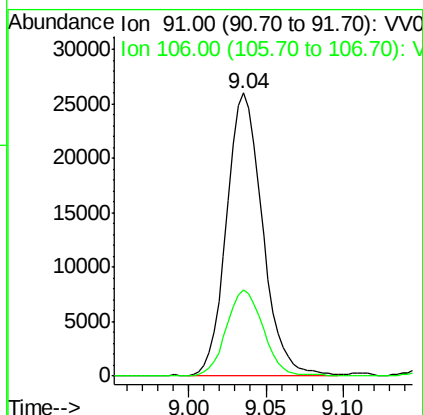
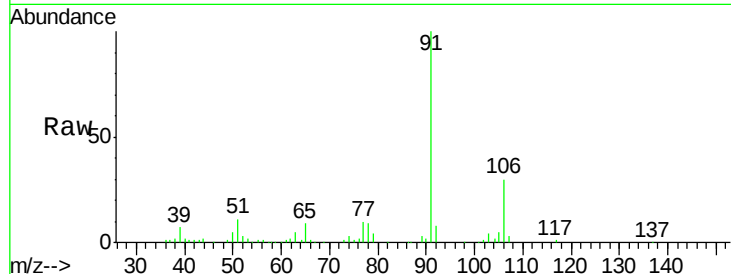




#52
Ethylbenzene
Concen: 3.374 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016756.D
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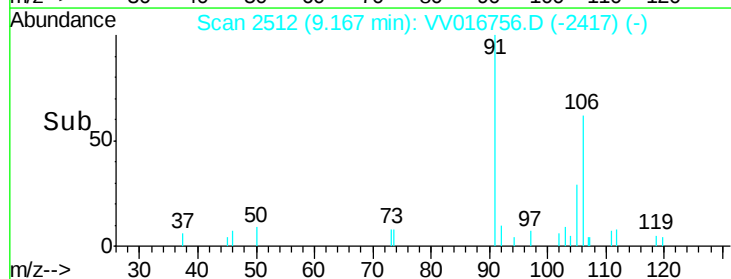
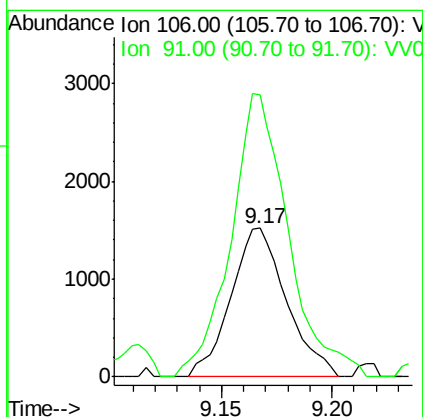
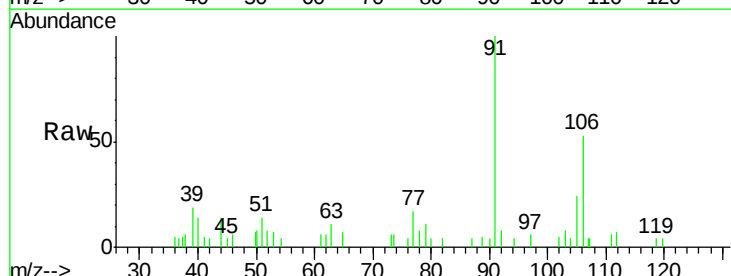
Instrument :
MSVOA_V
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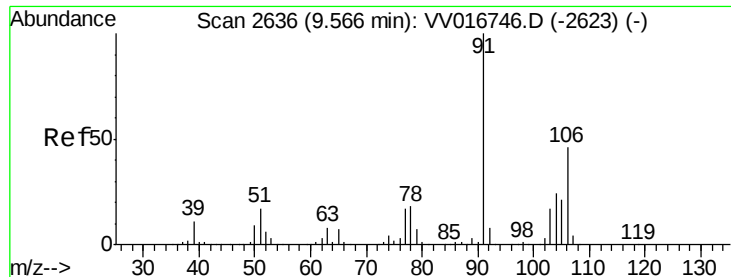
Tot Ion: 91 Resp: 42010
Ion Ratio Lower Upper
91 100
106 30.3 21.1 39.1



#53
m,p-Xylene
Concen: 0.573 ug/L
RT: 9.17 min Scan# 2512
Delta R.T. 0.01 min
Lab File: VV016756.D
Acq: 10 Jun 2020 09:22

Tgt Ion: 106 Resp: 2658
Ion Ratio Lower Upper
106 100
91 190.3 144.6 268.6





#54
 o-xylene
 Concen: 0.526 ug/L
 RT: 9.57 min Scan# 2637
 Delta R.T. 0.00 min
 Lab File: VV016756.D
 Acq: 10 Jun 2020 09:22

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E13DL

Tot Ion:106 Resp: 2406
 Ion Ratio Lower Upper
 106 100
 91 185.2 155.9 289.5

