Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016893.D
Acq On : 12 Jun 2020 20:58
Operator : SY/MD
Sample : L2914-05 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E00

Quant Time: Jun 13 03:57:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 13 03:02:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	375782	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	349335	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	172206	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	96589	36.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 72.86%			
7) Chloroethane-d5	1.57	69	56792	35.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 71.38%			
11) 1,1-Dichloroethene-d2	2.12	63	138604	31.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.26%			
21) 2-Butanone-d5	3.90	46	175948	89.65	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.65%			
24) Chloroform-d	4.37	84	228810	42.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.88%			
26) 1,2-Dichloroethane-d4	5.05	65	170297	46.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.88%			
32) Benzene-d6	5.07	84	442445	43.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.88%			
36) 1,2-Dichloropropane-d6	6.09	67	136199	43.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.78%			
41) Toluene-d8	7.34	98	403173	43.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.26%			
43) trans-1,3-Dichloropropene-	7.64	79	68656	42.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.00%			
47) 2-Hexanone-d5	8.11	63	105683	77.23	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 77.23%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	173884	41.85	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 83.70%			
64) 1,2-Dichlorobenzene-d4	11.65	152	167177	45.49	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.98%			
Target Compounds						Qvalue
13) Acetone	2.18	43	1428	1.104	ug/L	90
29) Cyclohexane	4.70	56	28468	6.558	ug/L	96
33) Benzene	5.12	78	3263975	315.793	ug/L	100
35) Methylcyclohexane	6.15	83	4669	1.074	ug/L #	81
42) Toluene	7.41	91	69575	6.385	ug/L	97
52) Ethylbenzene	9.04	91	49476	4.100	ug/L	99
53) m,p-Xylene	9.16	106	47290	10.524	ug/L	97
54) o-xylene	9.57	106	17346	3.914	ug/L	98

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

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QLast Update : Sat Jun 13 03:02:20 2020
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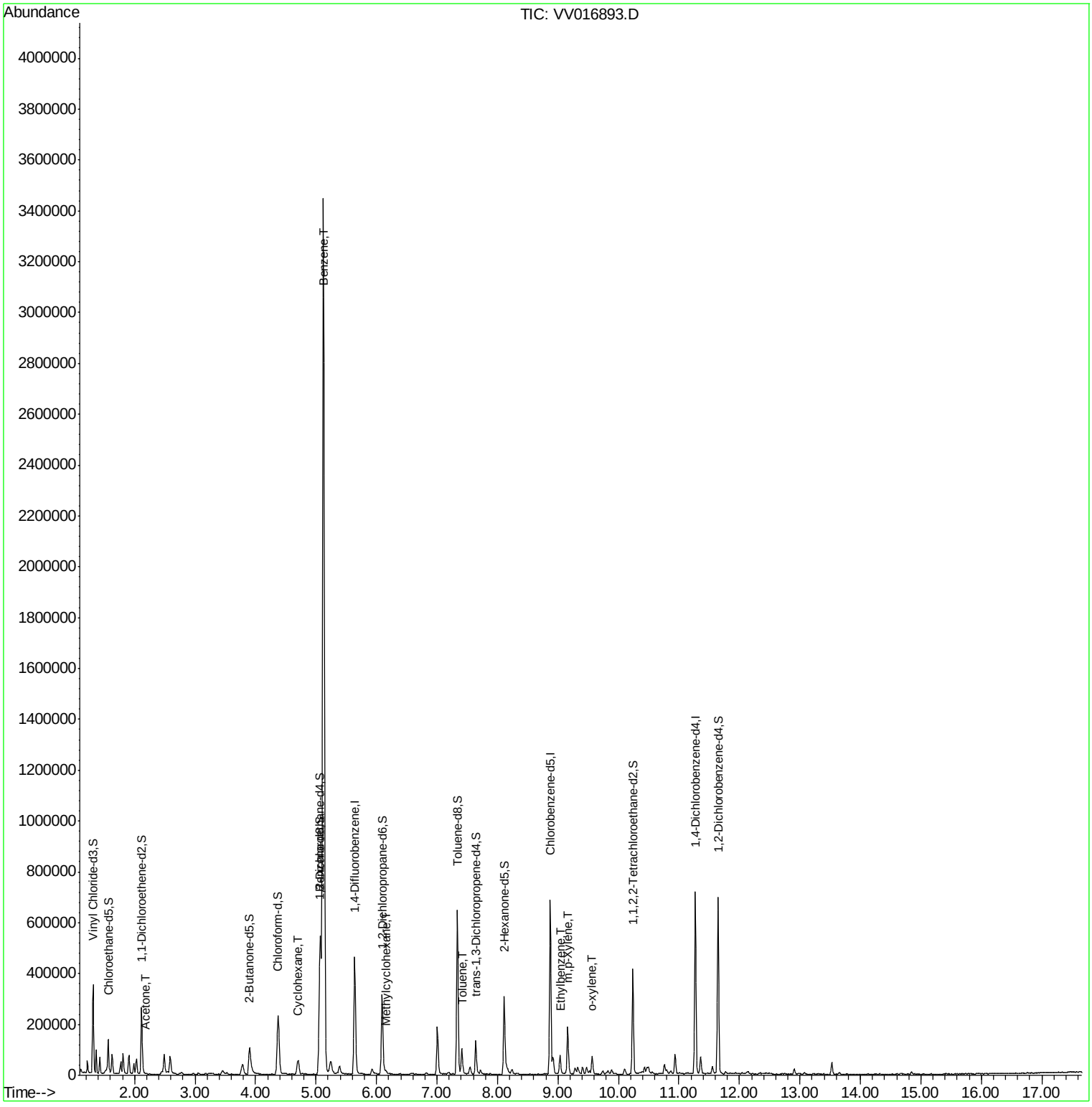
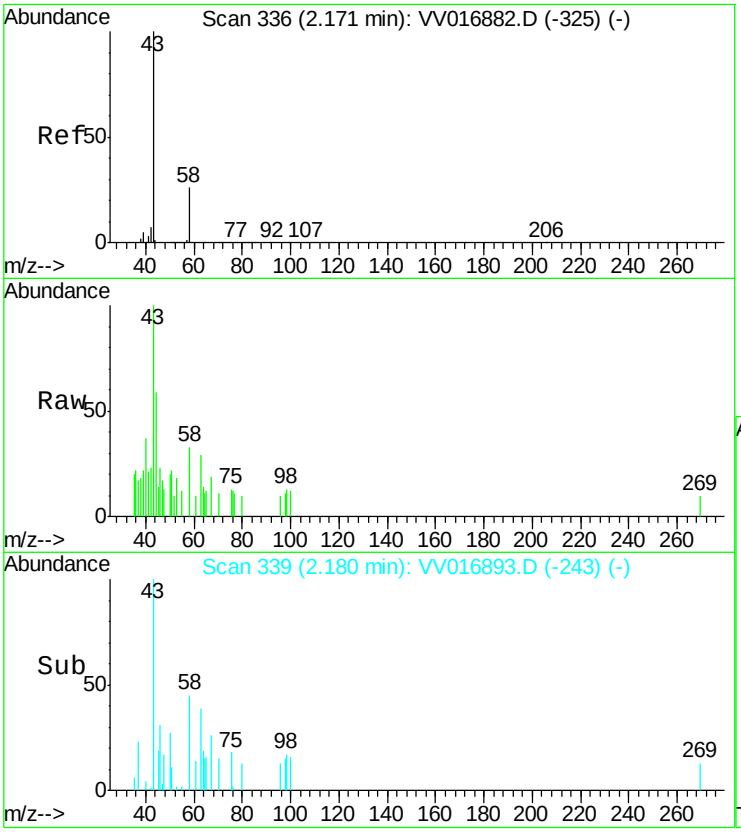


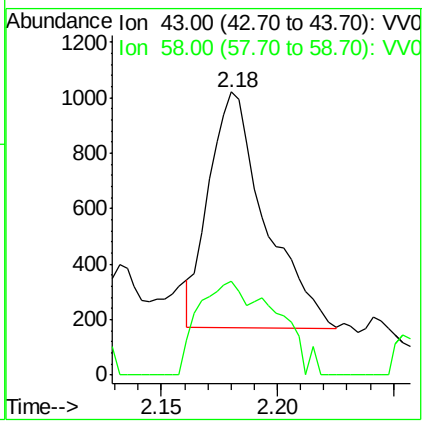


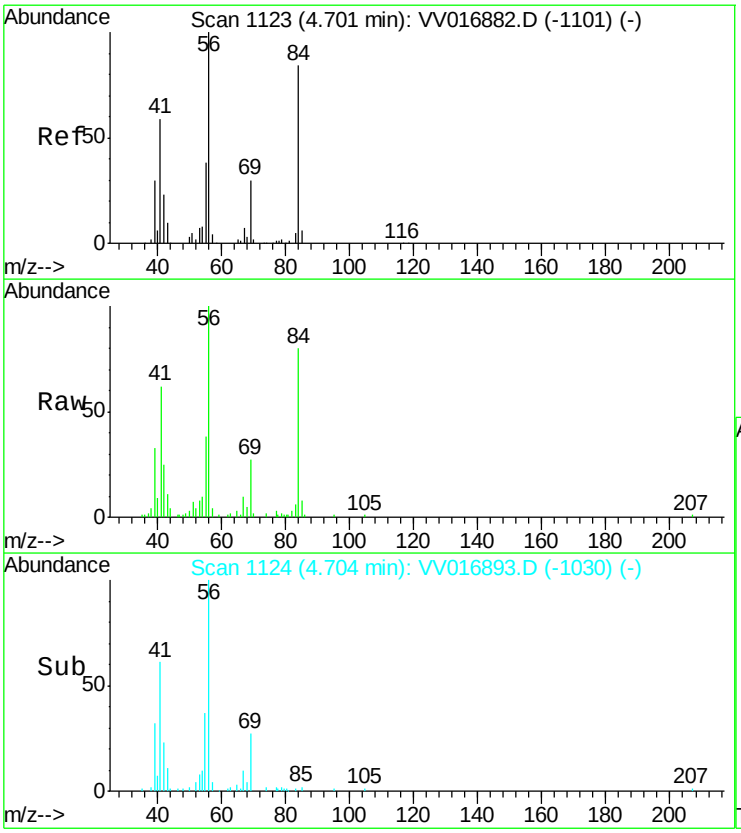
#13
Acetone
Concen: 1.104 ug/L
RT: 2.18 min Scan# 339
Delta R.T. 0.01 min
Lab File: VV016893.D
Acq: 12 Jun 2020 20:58

Instrument : MSVOA_V
ClientSampleId : F9E00

Tgt Ion: 43 Resp: 1428

Ion	Ratio	Lower	Upper
43	100		
58	32.7	0.0	55.2

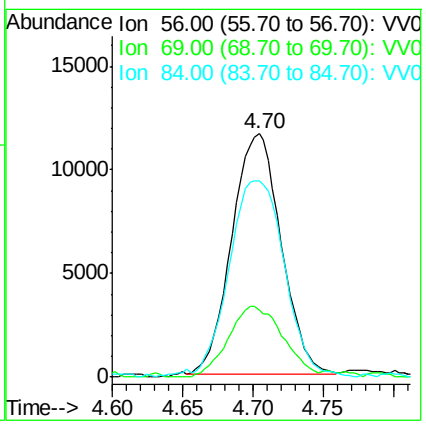


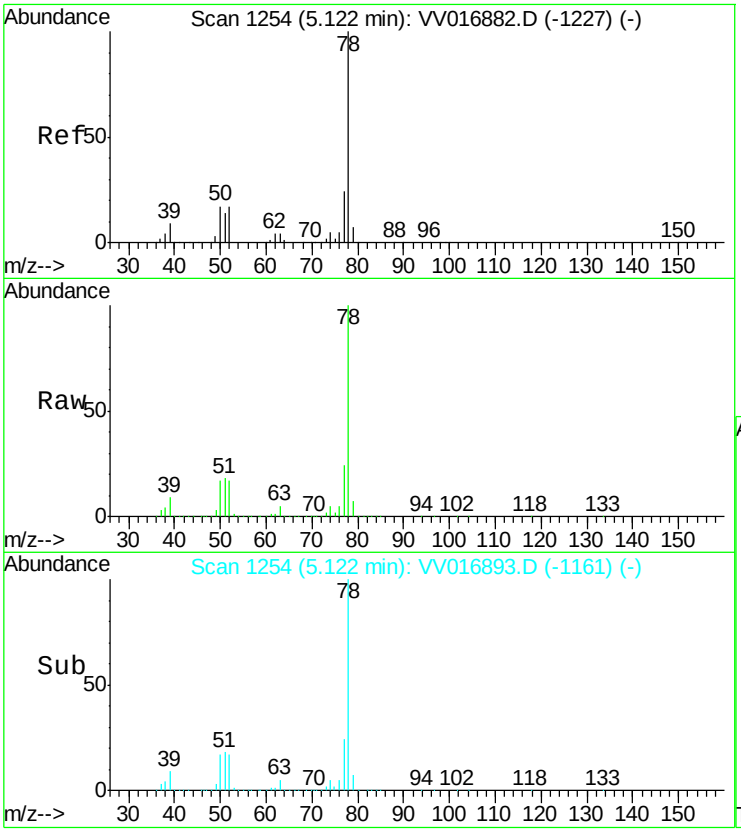


#29
Cyclohexane
Concen: 6.558 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV016893.D
Acq: 12 Jun 2020 20:58

Tgt Ion: 56 Resp: 28468

Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.0	37.4
84	91.4	69.5	104.3

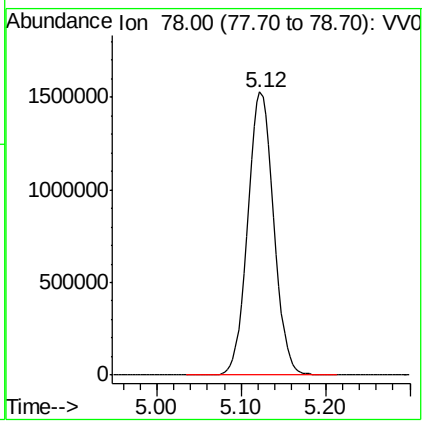


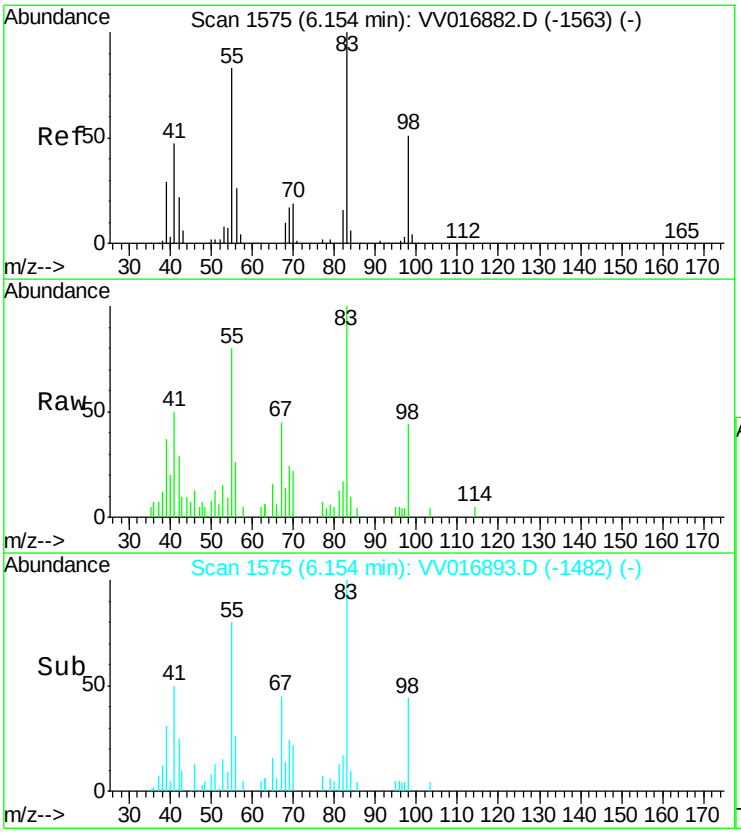


#33
Benzene
Concen: 315.793 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016893.D
Acq: 12 Jun 2020 20:58

Instrument :
MSVOA_V
ClientSampleId :
F9E00

Tgt Ion: 78 Resp: 3263975

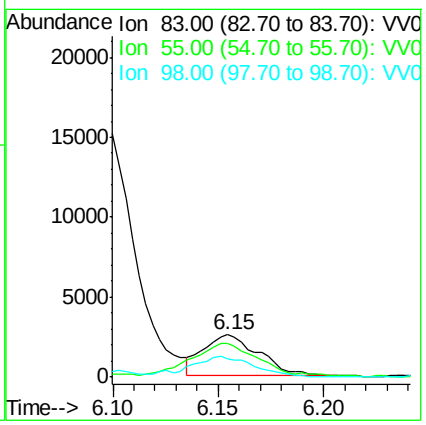


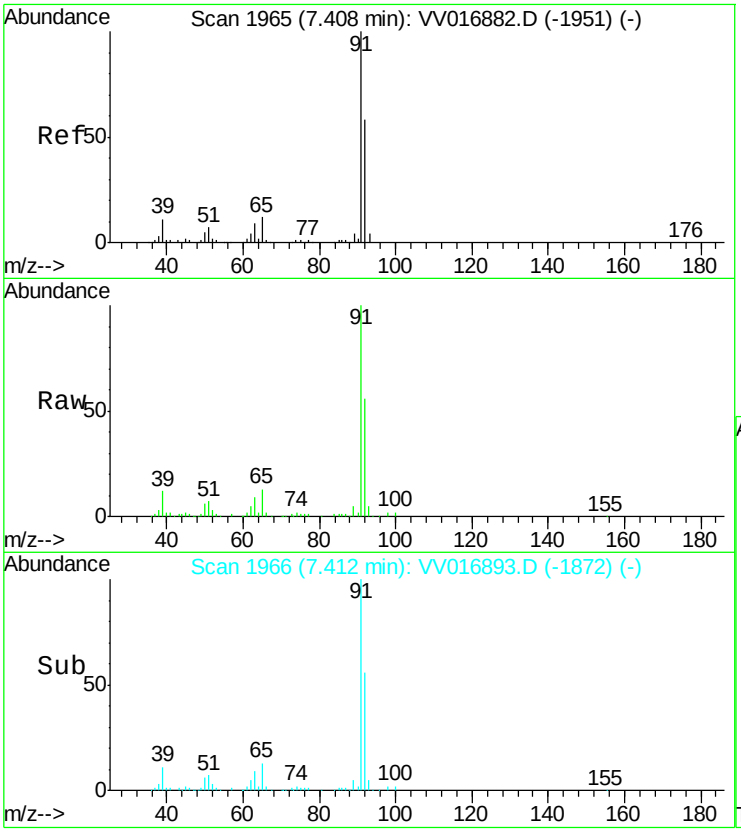


#35
Methylcyclohexane
Concen: 1.074 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VV016893.D
Acq: 12 Jun 2020 20:58

Tgt Ion: 83 Resp: 4669

Ion	Ratio	Lower	Upper
83	100		
55	104.5	64.2	96.2#
98	54.2	40.3	60.5



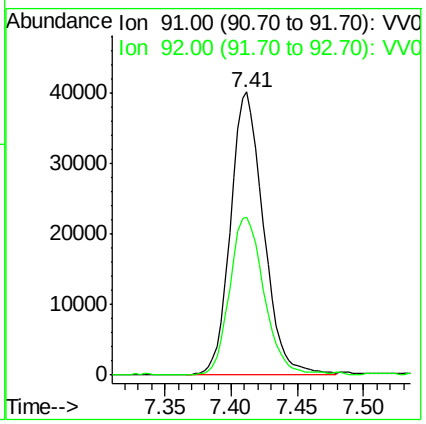


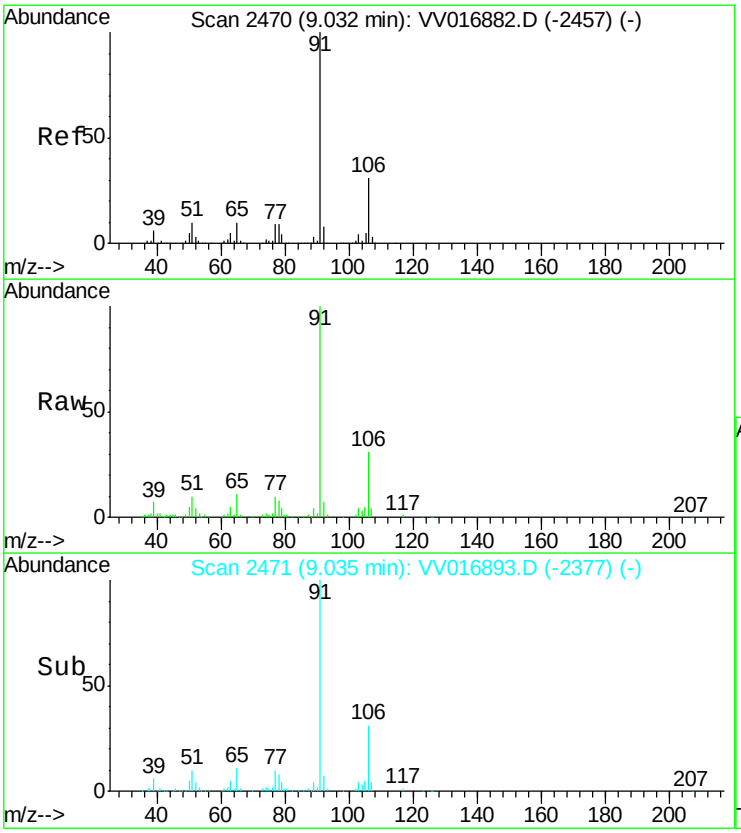
#42
Toluene
Concen: 6.385 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016893.D
Acq: 12 Jun 2020 20:58

Instrument :
MSVOA_V
ClientSampleId :
F9E00

Tgt Ion: 91 Resp: 69575

Ion	Ratio	Lower	Upper
91	100		
92	55.7	40.4	75.0

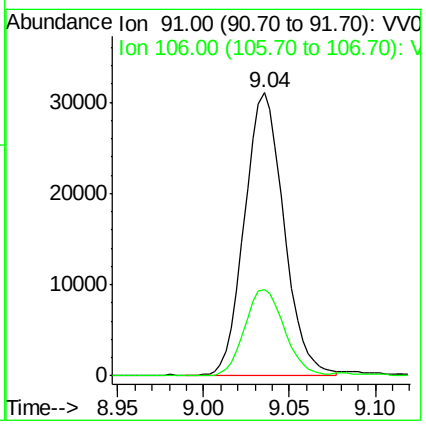


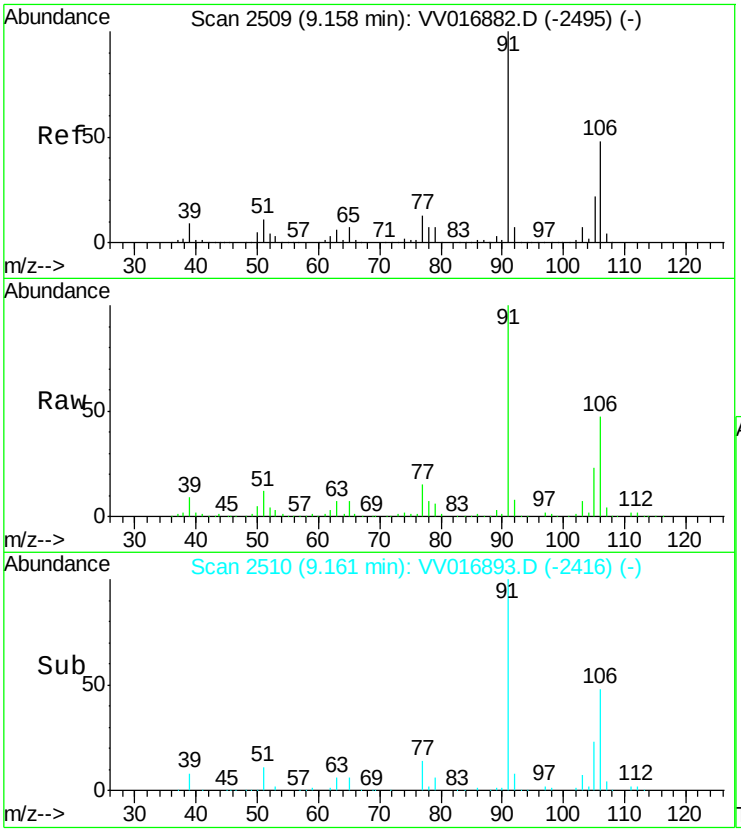


#52
Ethylbenzene
Concen: 4.100 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016893.D
Acq: 12 Jun 2020 20:58

Tgt Ion: 91 Resp: 49476

Ion	Ratio	Lower	Upper
91	100		
106	30.5	21.1	39.1



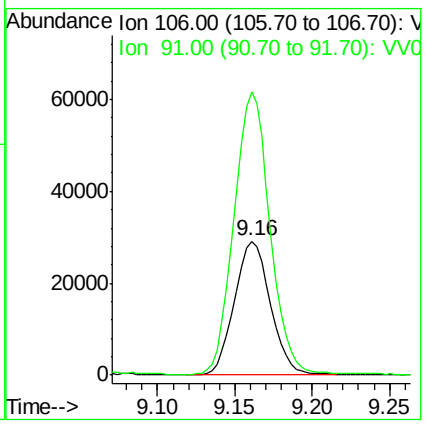


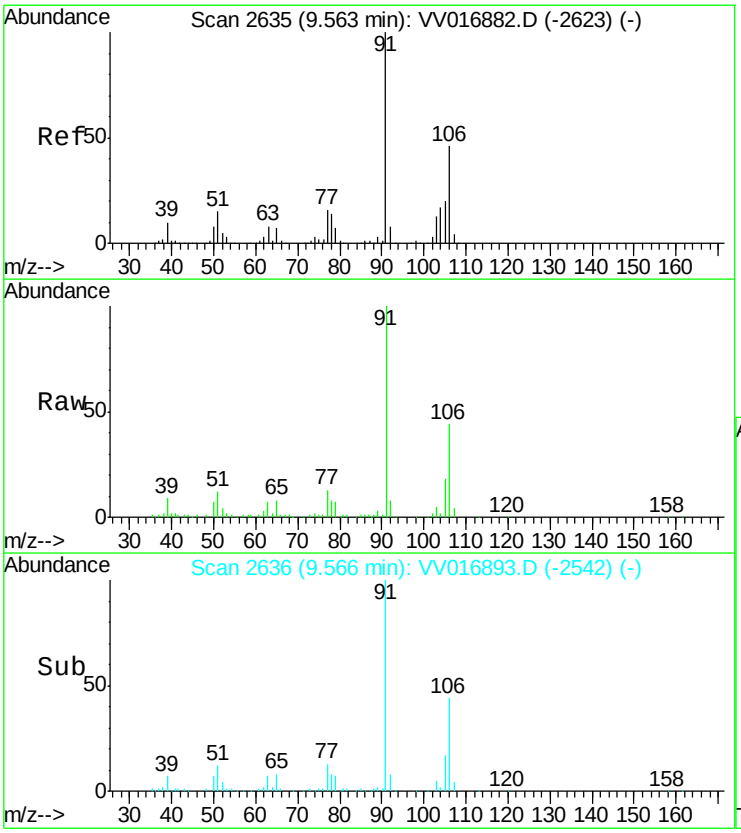
#53
m,p-Xylene
Concen: 10.524 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV016893.D
Acq: 12 Jun 2020 20:58

Instrument : MSVOA_V
ClientSampleId : F9E00

Tgt Ion:106 Resp: 47290

Ion	Ratio	Lower	Upper
106	100		
91	211.0	144.6	268.6





#54
o-xylene
Concen: 3.914 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016893.D
Acq: 12 Jun 2020 20:58

Tgt Ion:106 Resp: 17346

Ion	Ratio	Lower	Upper
106	100		
91	226.0	155.9	289.5