Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
Data File : VV016848.D
Acq On : 11 Jun 2020 23:59
Operator : SY/MD
Sample : L2915-09 200X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jun 12 05:59:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 12 05:55:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	353725	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	327401	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	165052	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	105488	42.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.52%			
7) Chloroethane-d5	1.55	69	72425	48.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.72%			
11) 1,1-Dichloroethene-d2	2.11	63	142153	33.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.84%			
21) 2-Butanone-d5	3.89	46	160864	87.08	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.08%			
24) Chloroform-d	4.37	84	216248	42.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.22%			
26) 1,2-Dichloroethane-d4	5.05	65	157511	45.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.26%			
32) Benzene-d6	5.07	84	424222	44.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.90%			
36) 1,2-Dichloropropane-d6	6.09	67	131259	44.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.24%			
41) Toluene-d8	7.34	98	388101	44.81	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.62%			
43) trans-1,3-Dichloropropene-	7.64	79	63580	41.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.00%			
47) 2-Hexanone-d5	8.11	63	100371	78.26	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 78.26%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	169922	43.63	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.26%			
64) 1,2-Dichlorobenzene-d4	11.65	152	169392	48.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.18%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1463	0.778	ug/L #	18
29) Cyclohexane	4.70	56	5041	1.239	ug/L #	89
33) Benzene	5.12	78	1108331	114.416	ug/L	100
42) Toluene	7.41	91	86003	8.422	ug/L	100
48) 2-Hexanone	8.17	43	9584	3.463	ug/L #	81
52) Ethylbenzene	9.04	91	109218	9.656	ug/L	98
53) m,p-Xylene	9.16	106	6452	1.532	ug/L	86
54) o-xylene	9.57	106	11861	2.856	ug/L	93

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

Quantitation Report (Not Reviewed)

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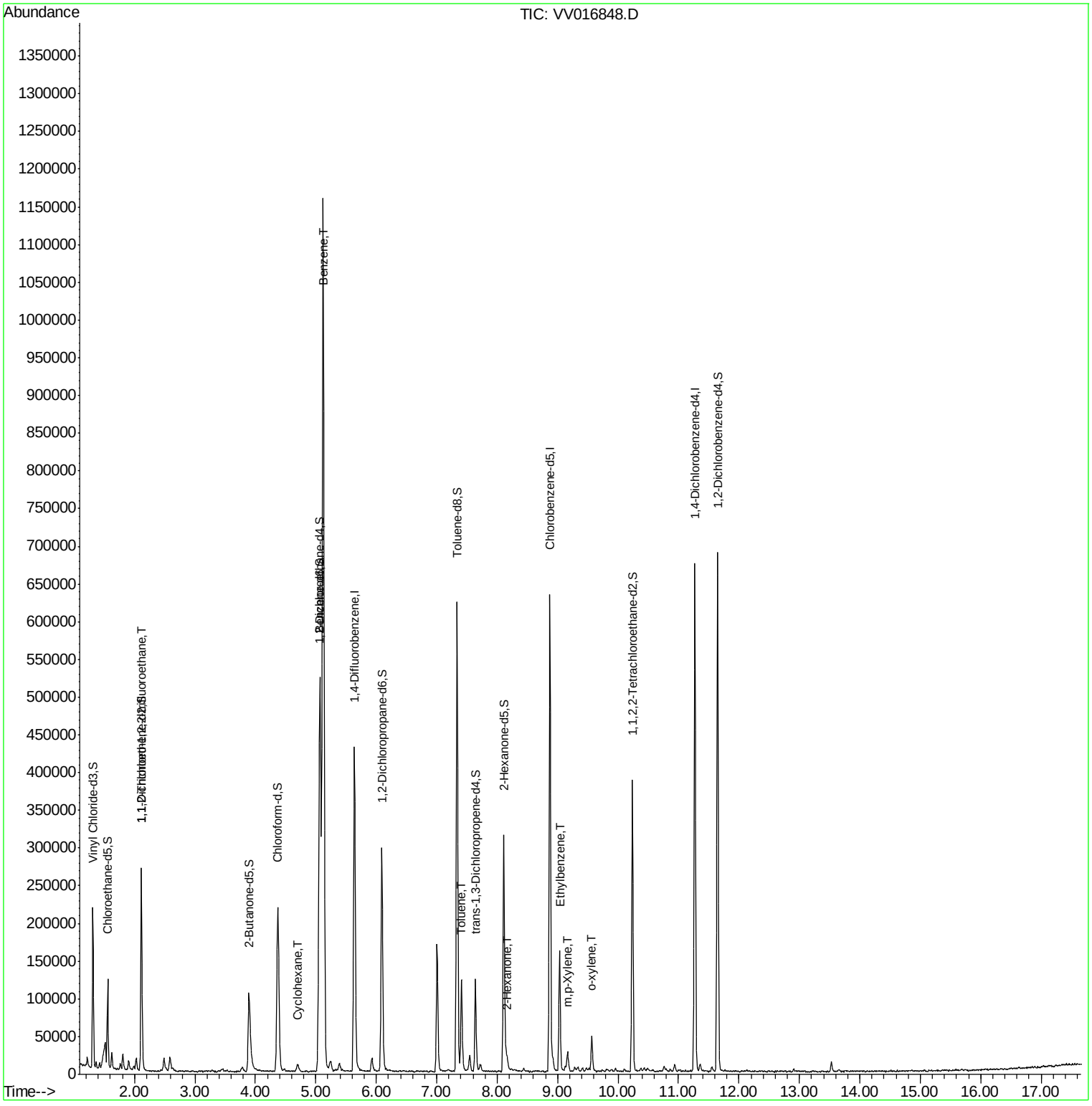
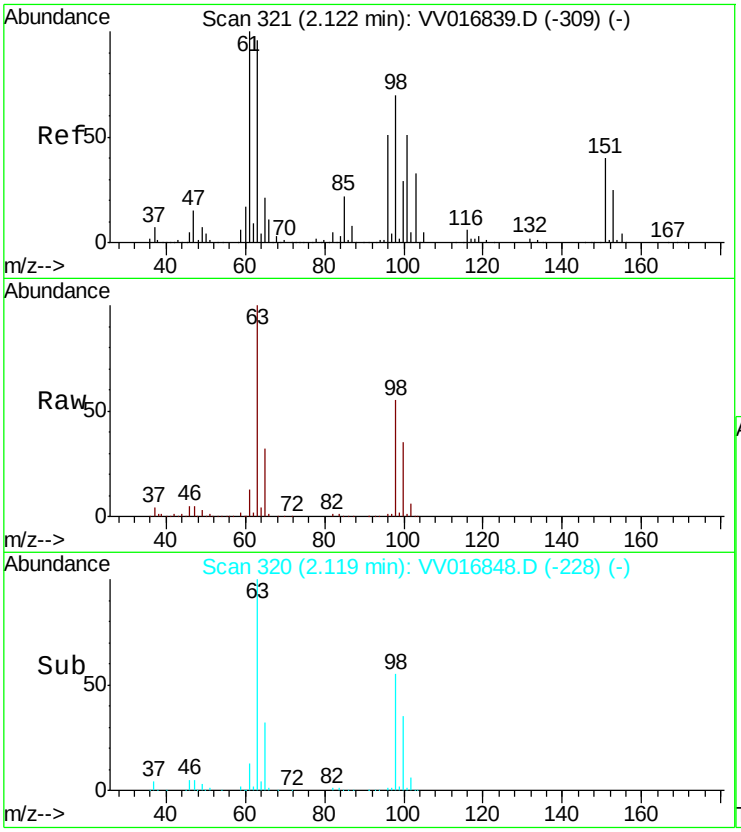
Sample : L2915-09 200X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 12 05:59:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 12 05:55:11 2020
Response via : Initial Calibration



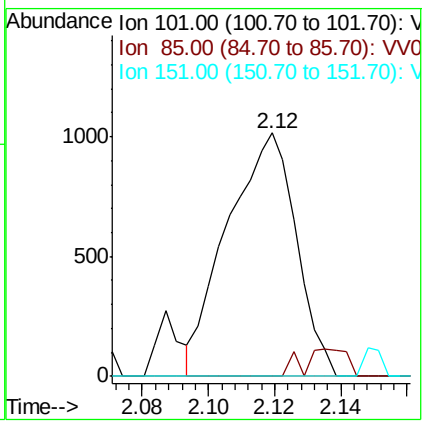


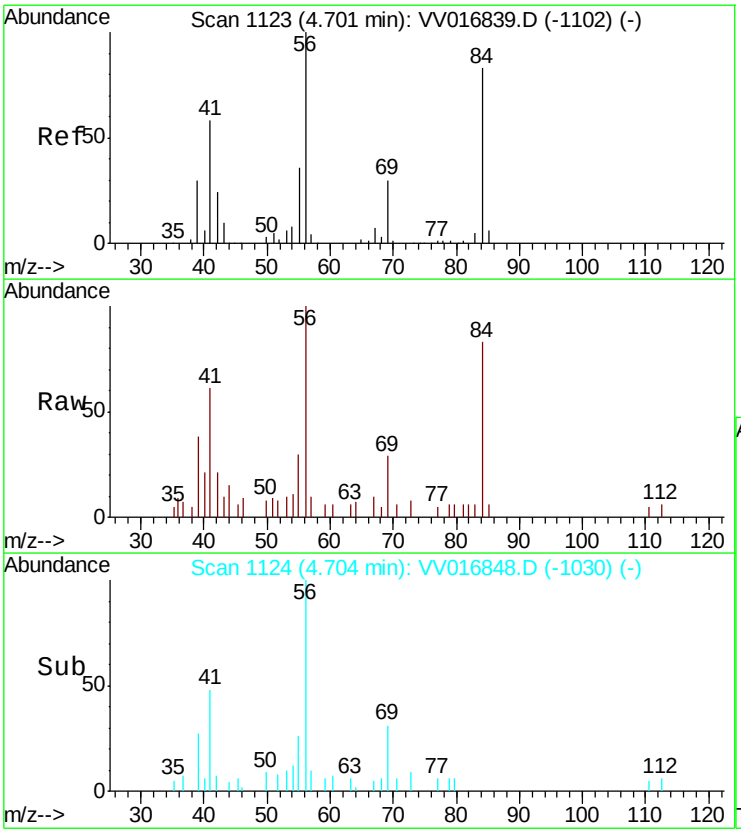
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.778 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.00 min
Lab File: VV016848.D
Acq: 11 Jun 2020 23:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 1463

Ion	Ratio	Lower	Upper
101	100		
85	1.4	35.5	53.3#
151	0.0	63.9	95.9#

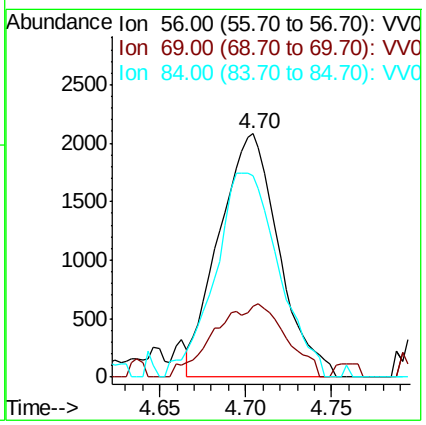


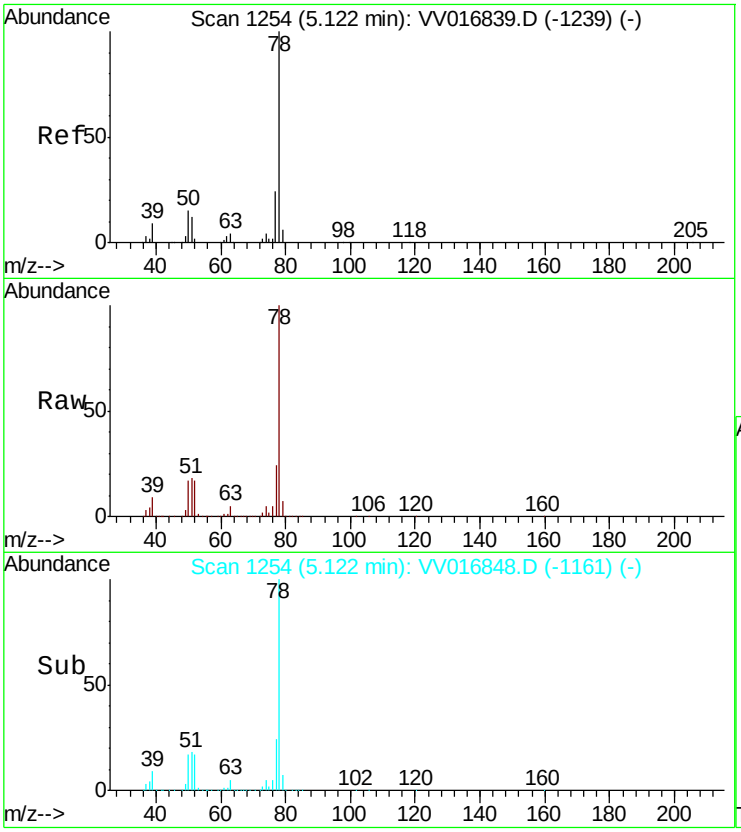


#29
Cyclohexane
Concen: 1.239 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV016848.D
Acq: 11 Jun 2020 23:59

Tgt Ion: 56 Resp: 5041

Ion	Ratio	Lower	Upper
56	100		
69	10.8	25.0	37.4#
84	88.2	69.5	104.3

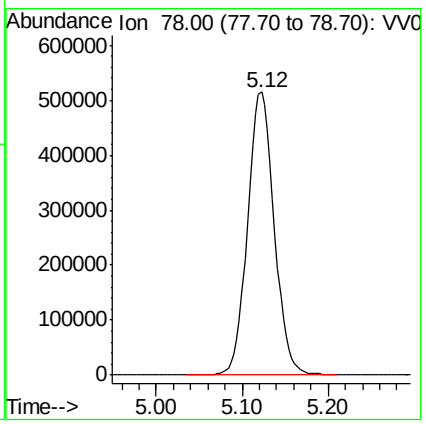


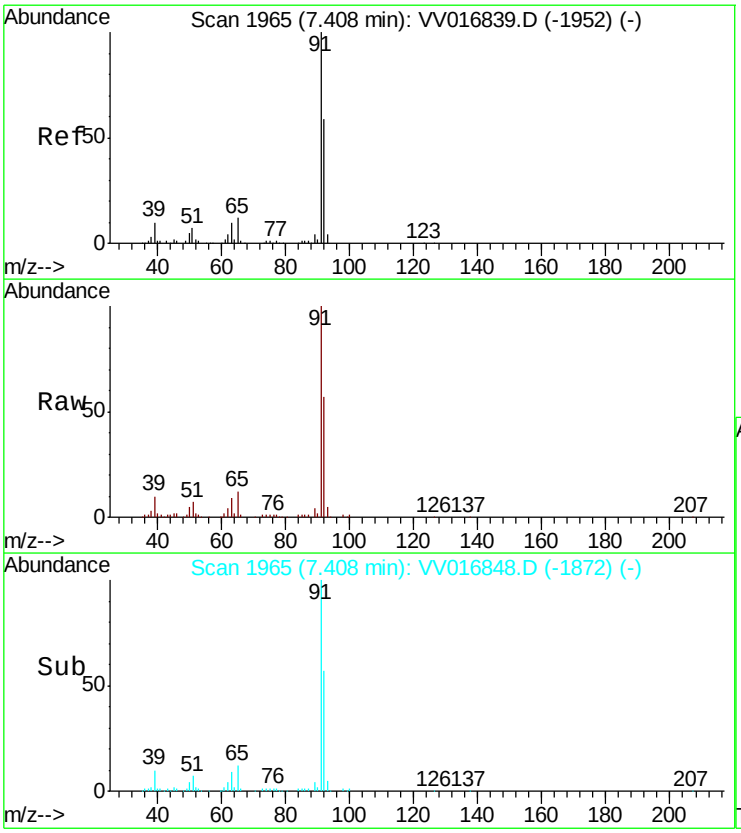


#33
Benzene
Concen: 114.416 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016848.D
Acq: 11 Jun 2020 23:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 1108331

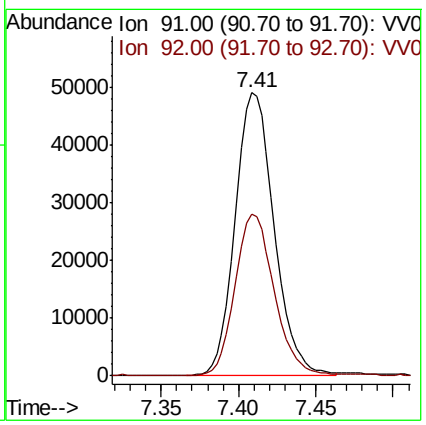


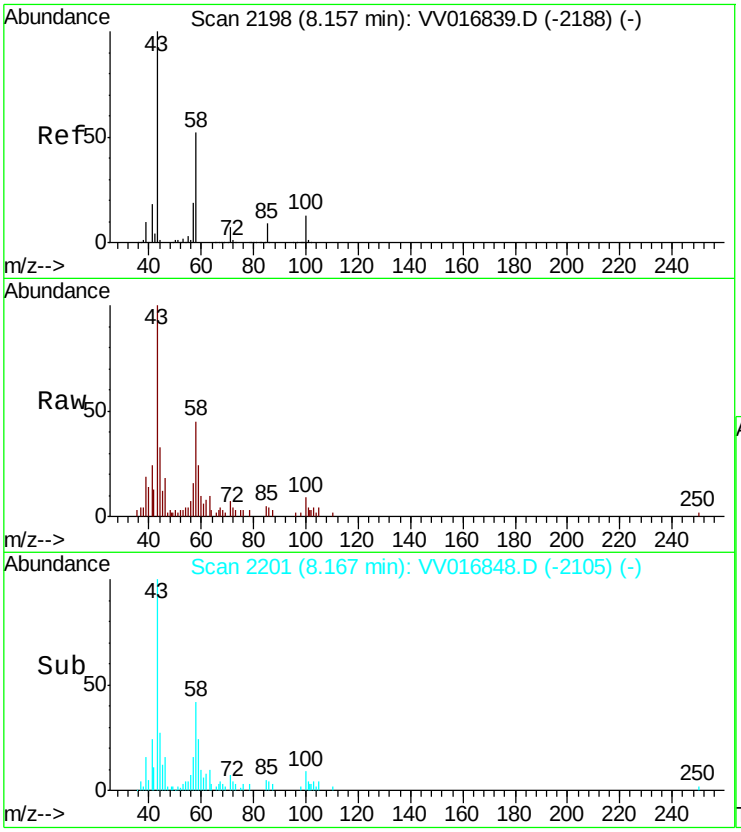


#42
Toluene
Concen: 8.422 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VV016848.D
Acq: 11 Jun 2020 23:59

Tgt Ion: 91 Resp: 86003

Ion	Ratio	Lower	Upper
91	100		
92	57.4	40.4	75.0



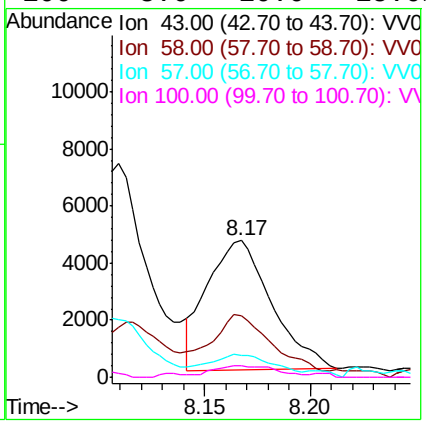


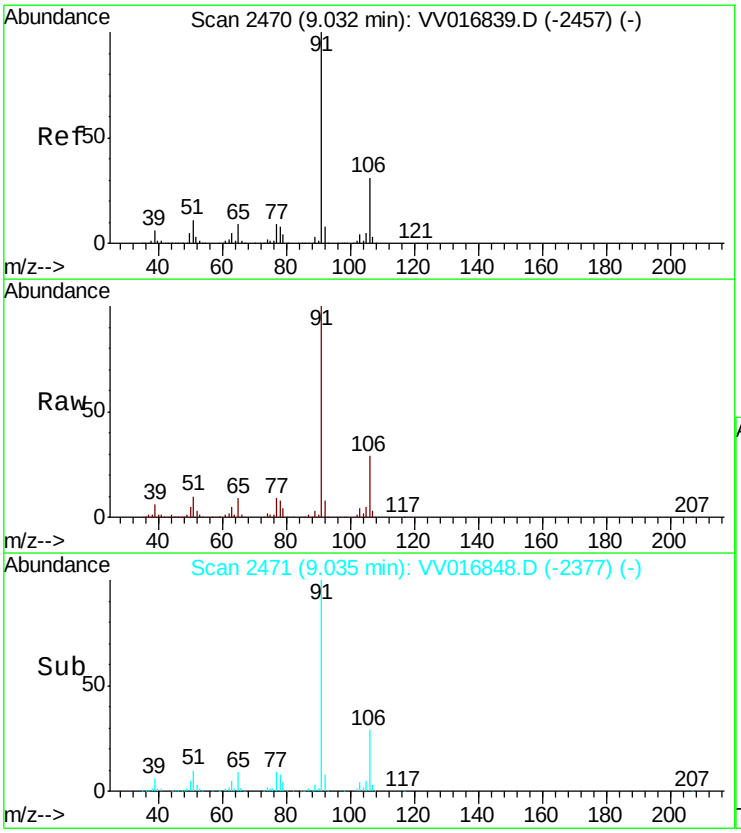
#48
2-Hexanone
Concen: 3.463 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV016848.D
Acq: 11 Jun 2020 23:59

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 9584

Ion	Ratio	Lower	Upper
43	100		
58	37.3	43.1	64.7#
57	17.2	15.3	22.9
100	3.6	10.0	15.0#

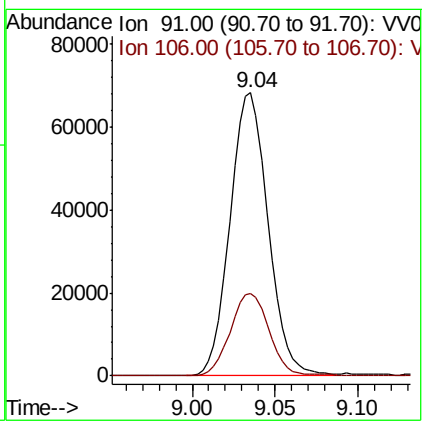


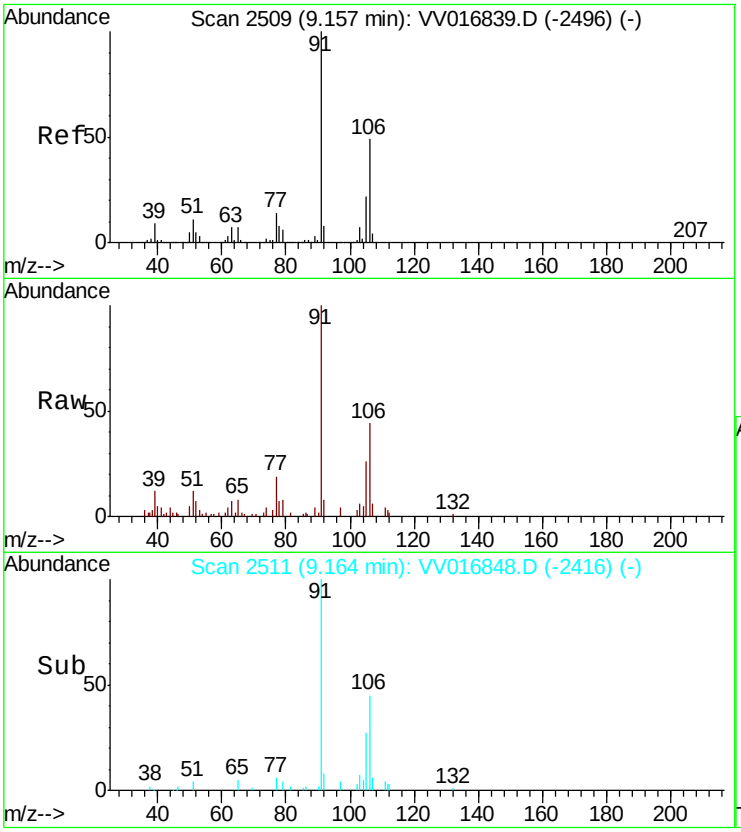


#52
Ethylbenzene
Concen: 9.656 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016848.D
Acq: 11 Jun 2020 23:59

Tgt Ion: 91 Resp: 109218

Ion	Ratio	Lower	Upper
91	100		
106	29.2	21.1	39.1



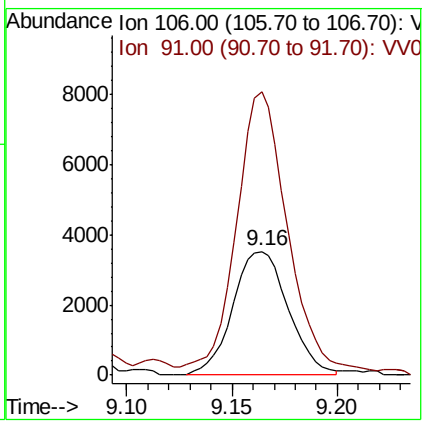


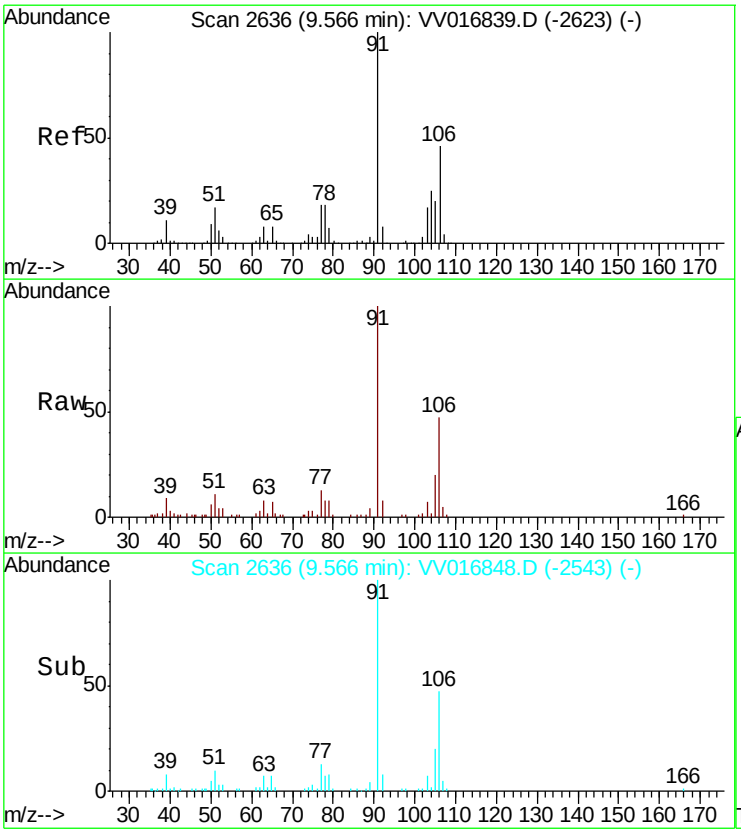
#53
m,p-Xylene
Concen: 1.532 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV016848.D
Acq: 11 Jun 2020 23:59

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 6452

Ion	Ratio	Lower	Upper
106	100		
91	228.7	144.6	268.6





#54
o-xylene
Concen: 2.856 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016848.D
Acq: 11 Jun 2020 23:59

Tgt Ion:106 Resp: 11861

Ion	Ratio	Lower	Upper
106	100		
91	210.6	155.9	289.5