Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\

Quantitation Report (QT/LSC Reviewed)

Data File : VV016560.D
Acq On : 06 Jun 2020 01:41
Operator : SY/MD
Sample : L2862-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D89

Quant Time: Jun 06 07:08:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 06:28:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	377410	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	351818	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	175498	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	121558	45.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.94%			
7) Chloroethane-d5	1.56	69	86475	44.81	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.62%			
11) 1,1-Dichloroethene-d2	2.12	63	167298	35.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.62%			
21) 2-Butanone-d5	3.89	46	201013	117.60	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 117.60%			
24) Chloroform-d	4.37	84	250000	49.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.66%			
26) 1,2-Dichloroethane-d4	5.05	65	176335	52.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.98%			
32) Benzene-d6	5.07	84	502591	53.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.66%			
36) 1,2-Dichloropropane-d6	6.09	67	159152	54.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.40%			
41) Toluene-d8	7.34	98	450598	52.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.30%			
43) trans-1,3-Dichloropropene-	7.64	79	71572	50.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.02%			
47) 2-Hexanone-d5	8.11	63	150763	119.88	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 119.88%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	211413	53.08	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.16%			
64) 1,2-Dichlorobenzene-d4	11.65	152	190166	57.66	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.32%			
Target Compounds						Qvalue
13) Acetone	2.17	43	9685	6.063	ug/L	95
29) Cyclohexane	4.70	56	26363	6.314	ug/L	97
33) Benzene	5.12	78	6141691	593.577	ug/L	100
42) Toluene	7.41	91	22671	2.068	ug/L	97
52) Ethylbenzene	9.04	91	172385	14.446	ug/L	99
53) m,p-Xylene	9.16	106	7641	1.698	ug/L	93
54) o-xylene	9.57	106	6783	1.557	ug/L	99
56) Isopropylbenzene	9.95	105	10191	0.900	ug/L #	92

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

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QLast Update : Sat Jun 06 06:28:49 2020
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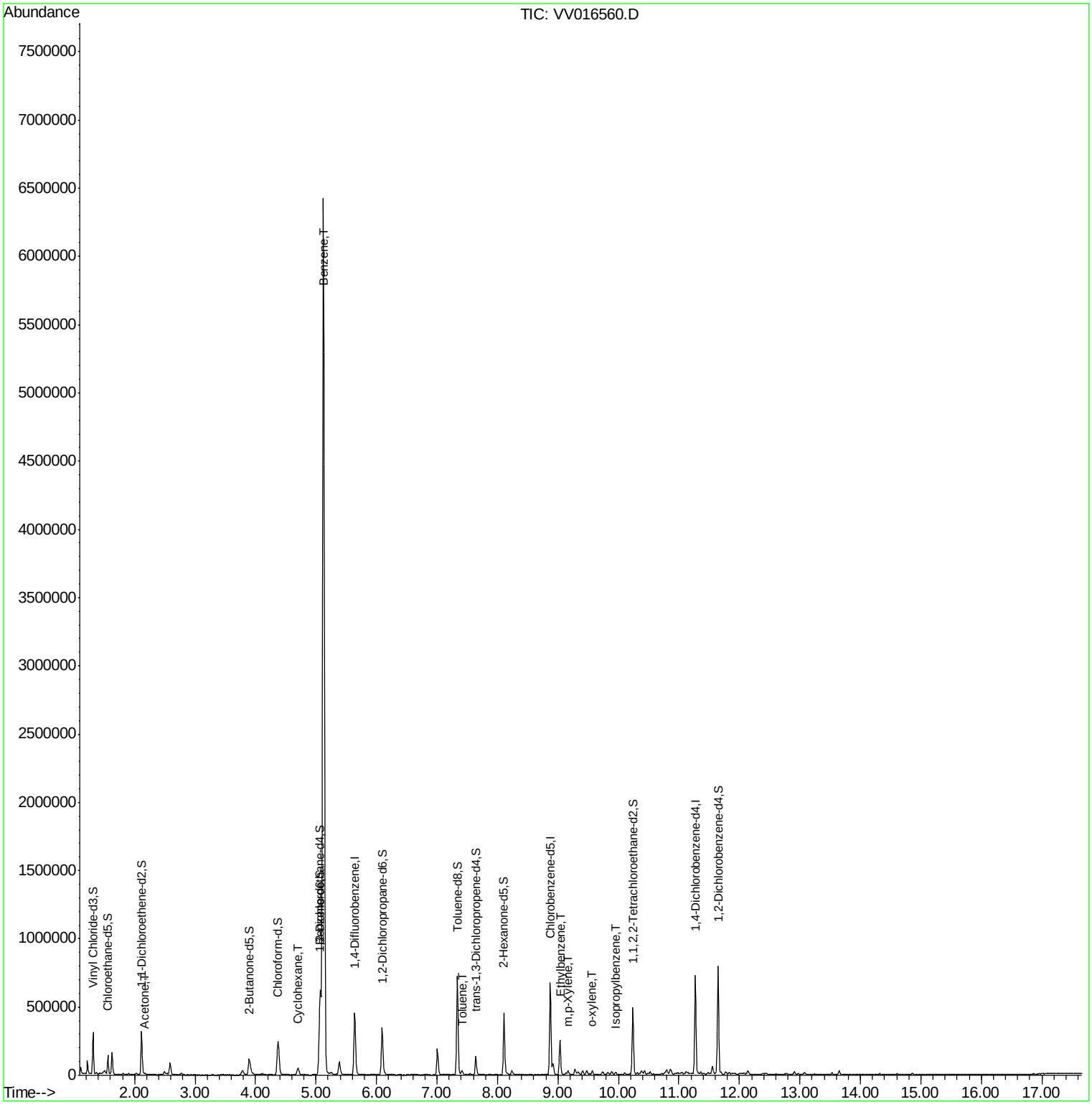
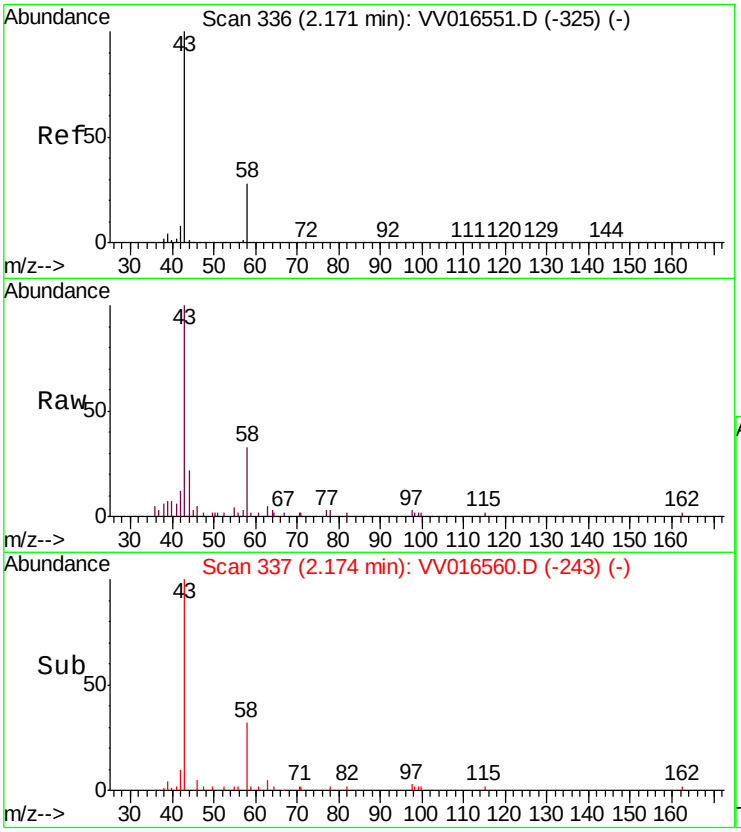


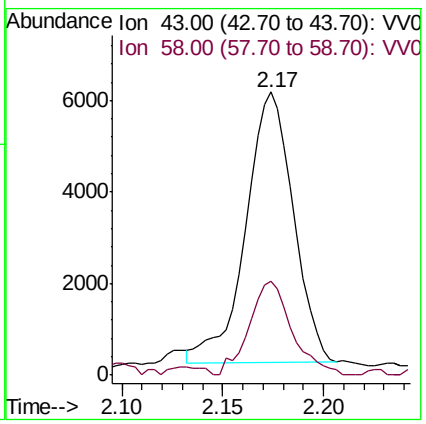


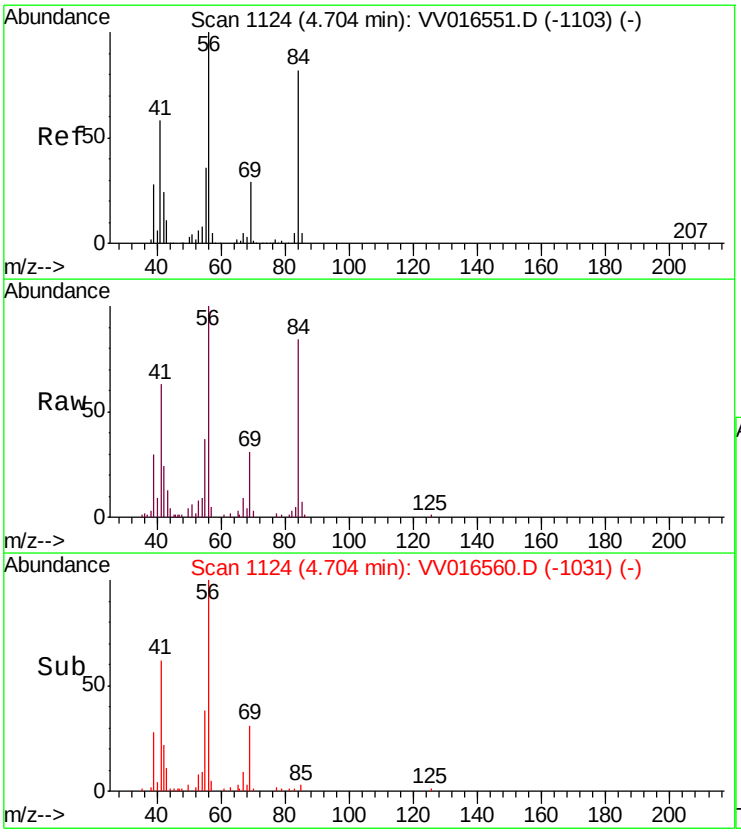
#13
Acetone
Concen: 6.063 ug/L
RT: 2.17 min Scan# 337
Delta R.T. 0.00 min
Lab File: VV016560.D
Acq: 06 Jun 2020 01:41

Instrument : MSVOA_V
ClientSampleId : F9D89

Tgt Ion: 43 Resp: 9685

Ion	Ratio	Lower	Upper
43	100		
58	31.5	0.0	57.2

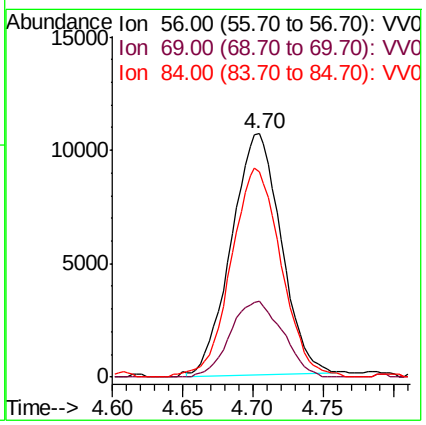


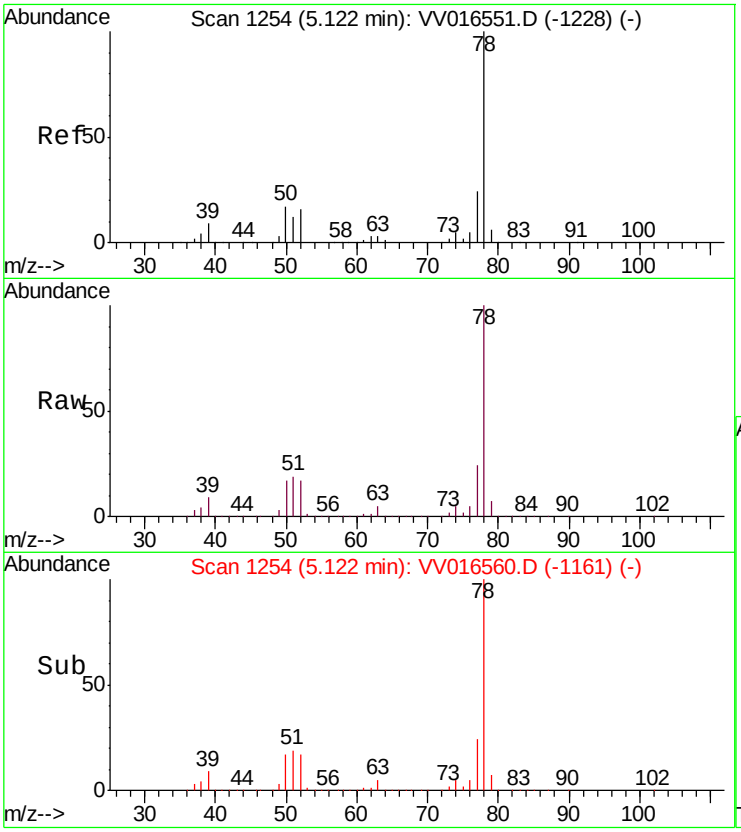


#29
Cyclohexane
Concen: 6.314 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: VV016560.D
Acq: 06 Jun 2020 01:41

Tgt Ion: 56 Resp: 26363

Ion	Ratio	Lower	Upper
56	100		
69	32.9	23.9	35.9
84	86.6	68.2	102.2

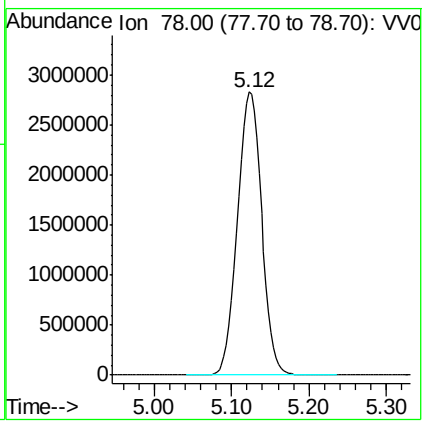


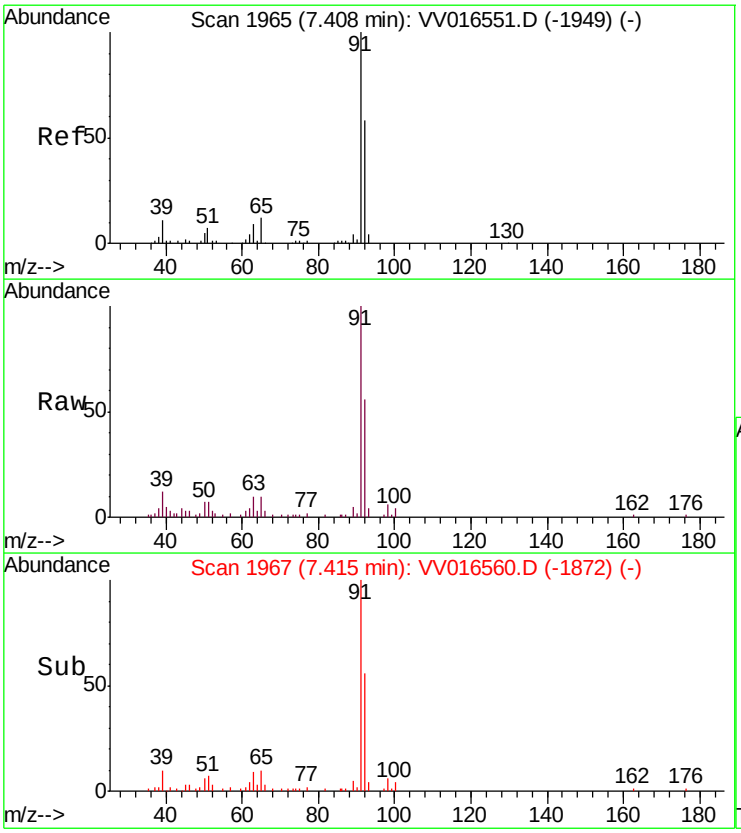


#33
Benzene
Concen: 593.577 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016560.D
Acq: 06 Jun 2020 01:41

Instrument :
MSVOA_V
ClientSampleId :
F9D89

Tgt Ion: 78 Resp: 6141691

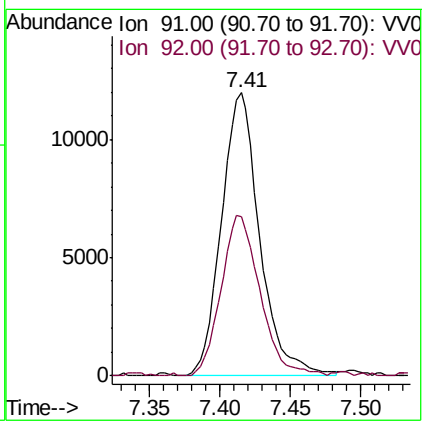


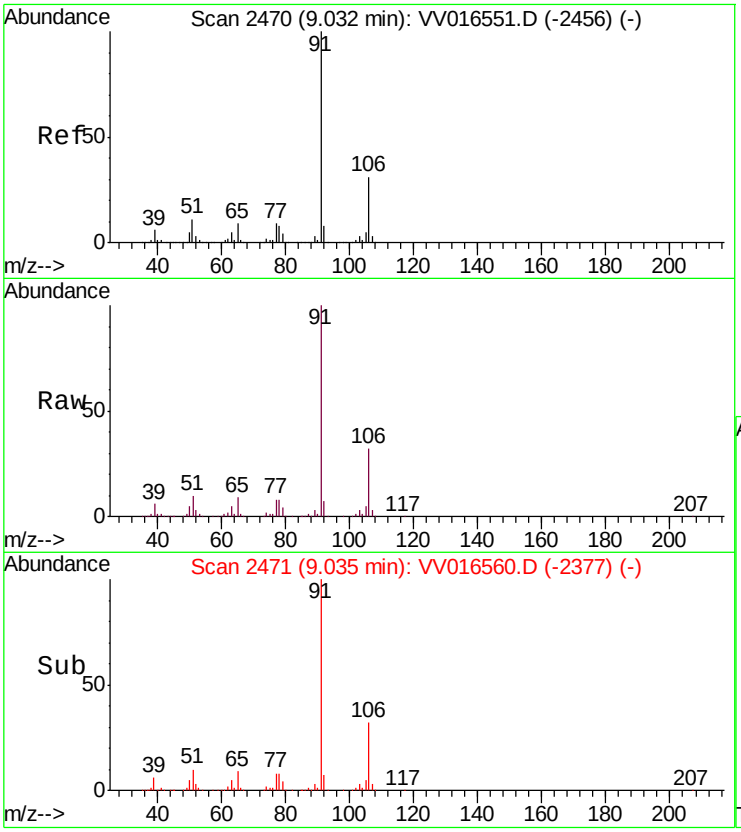


#42
Toluene
Concen: 2.068 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV016560.D
Acq: 06 Jun 2020 01:41

Tgt Ion: 91 Resp: 22671

Ion	Ratio	Lower	Upper
91	100		
92	56.4	40.9	75.9



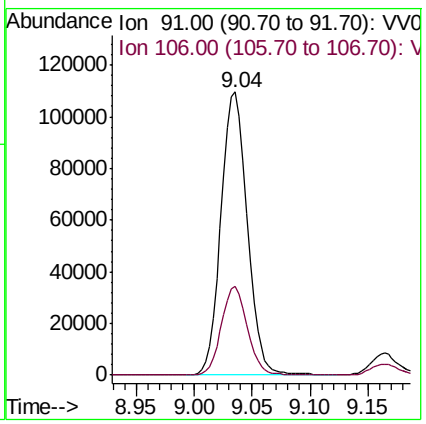


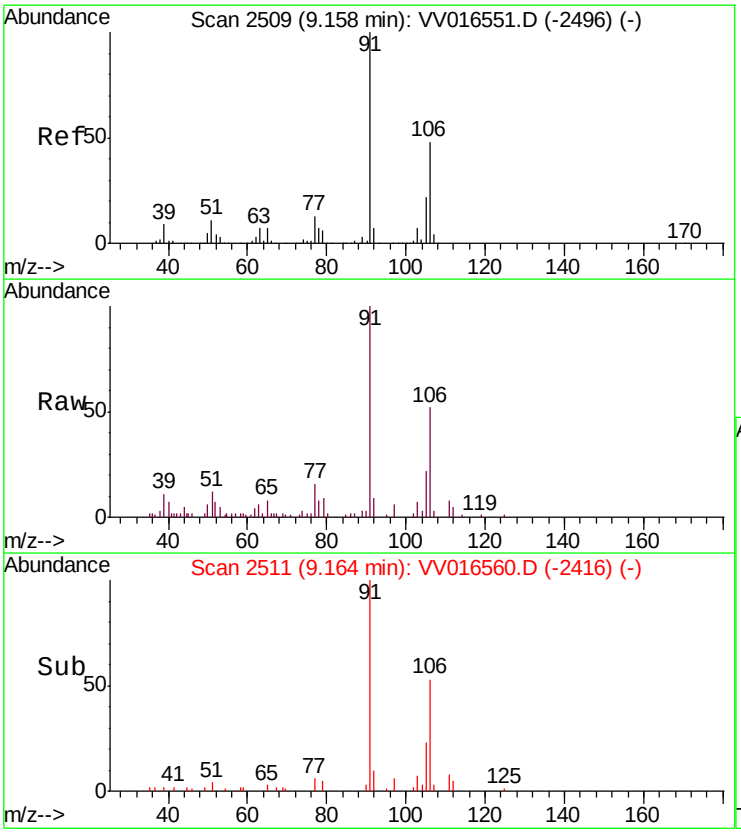
#52
Ethylbenzene
Concen: 14.446 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016560.D
Acq: 06 Jun 2020 01:41

Instrument :
MSVOA_V
ClientSampleId :
F9D89

Tgt Ion: 91 Resp: 172385

Ion	Ratio	Lower	Upper
91	100		
106	31.6	21.8	40.4

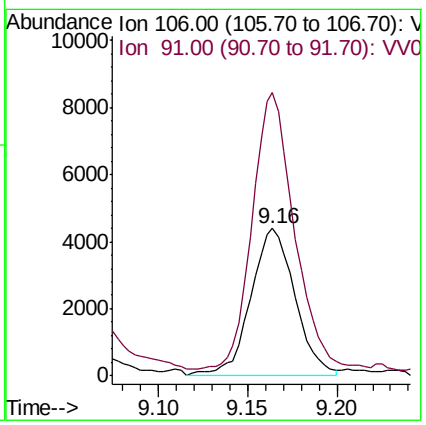


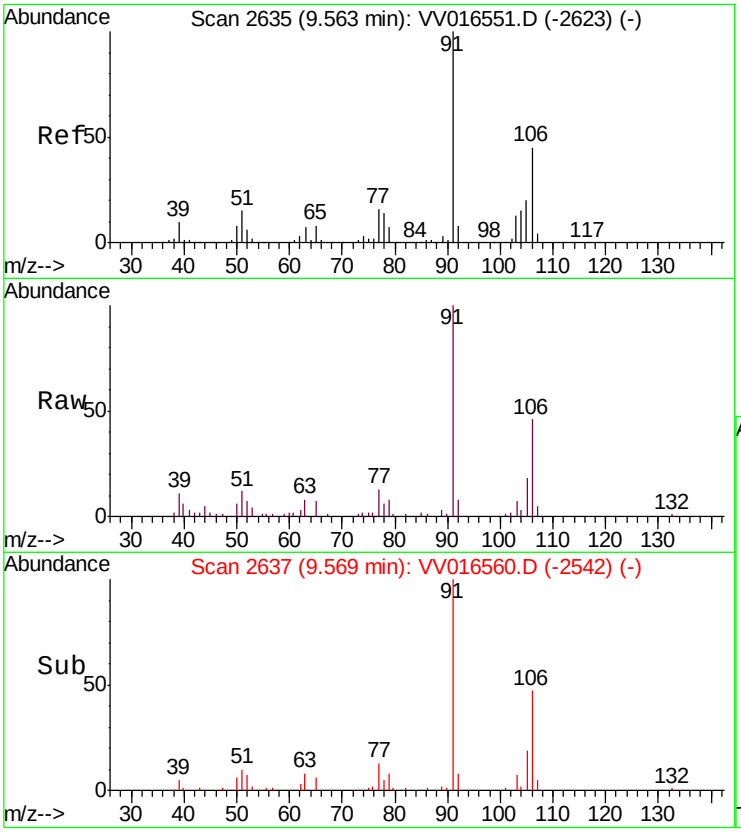


#53
m,p-Xylene
Concen: 1.698 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV016560.D
Acq: 06 Jun 2020 01:41

Tgt Ion:106 Resp: 7641

Ion	Ratio	Lower	Upper
106	100		
91	192.3	142.5	264.6



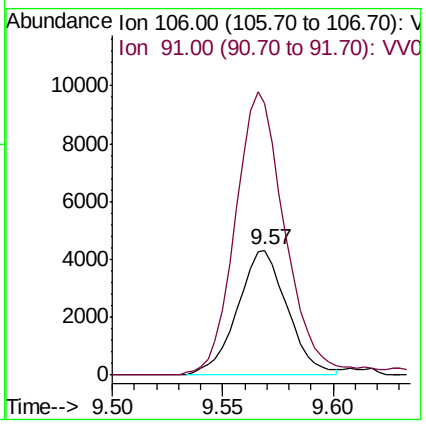


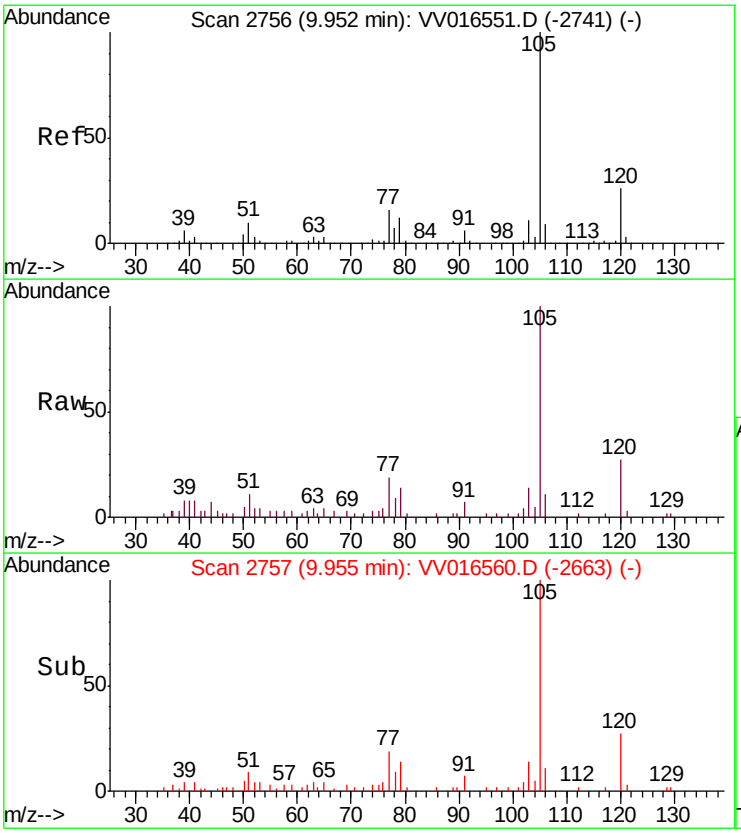
#54
o-xylene
Concen: 1.557 ug/L
RT: 9.57 min Scan# 2637
Delta R.T. 0.01 min
Lab File: VV016560.D
Acq: 06 Jun 2020 01:41

Instrument :
MSVOA_V
ClientSampleId :
F9D89

Tgt Ion:106 Resp: 6783

Ion	Ratio	Lower	Upper
106	100		
91	216.9	152.5	283.1





#56
Isopropylbenzene
Concen: 0.900 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV016560.D
Acq: 06 Jun 2020 01:41

Tgt Ion:105 Resp: 10191

Ion	Ratio	Lower	Upper
105	100		
120	29.1	21.0	31.6
77	21.1	13.0	19.4#