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

Quantitation Report (QT/LSC Reviewed)

Data File : VV016546.D
Acq On : 05 Jun 2020 19:16
Operator : SY/MD
Sample : L2861-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E63

Manual Integrations APPROVED
sam
6/6/2020 11:34:10 AM

Quant Time: Jun 06 05:45:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 00:07:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	422280	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	389395	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	195187	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	120819	40.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.78%			
7) Chloroethane-d5	1.56	69	84325	39.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 78.10%			
11) 1,1-Dichloroethene-d2	2.12	63	161393	30.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.88%			
21) 2-Butanone-d5	3.89	46	180811	94.54	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.54%			
24) Chloroform-d	4.37	84	235890	42.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.06%			
26) 1,2-Dichloroethane-d4	5.05	65	163158	43.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.82%			
32) Benzene-d6	5.07	84	476472	45.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.36%			
36) 1,2-Dichloropropane-d6	6.09	67	150728	46.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.76%			
41) Toluene-d8	7.34	98	430343	45.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.86%			
43) trans-1,3-Dichloropropene-	7.64	79	65629	41.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.86%			
47) 2-Hexanone-d5	8.11	63	140964	101.27	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.27%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	201465	45.70	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.40%			
64) 1,2-Dichlorobenzene-d4	11.65	152	179763	49.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.02%			
Target Compounds						Qvalue
13) Acetone	2.17	43	4742	2.653	ug/L	93
27) 1,2-Dichloroethane	5.15	62	257143	55.191	ug/L	98
29) Cyclohexane	4.71	56	3943m	0.853	ug/L	
33) Benzene	5.13	78	37728	3.294	ug/L	100
42) Toluene	7.41	91	18096	1.491	ug/L	96
52) Ethylbenzene	9.04	91	13882	1.051	ug/L	91
53) m,p-Xylene	9.16	106	2698	0.542	ug/L	90

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

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ClientSampleId :
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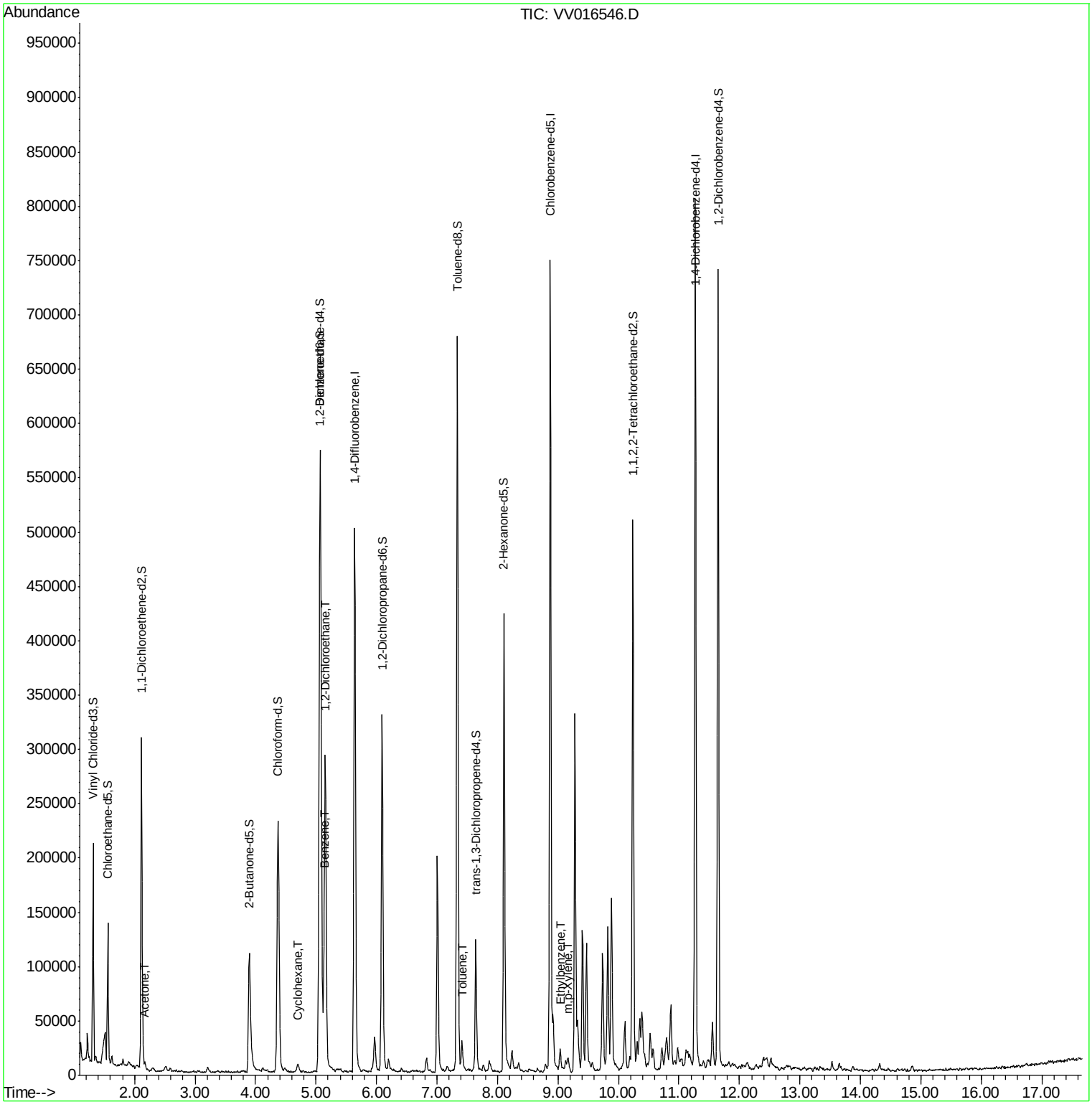
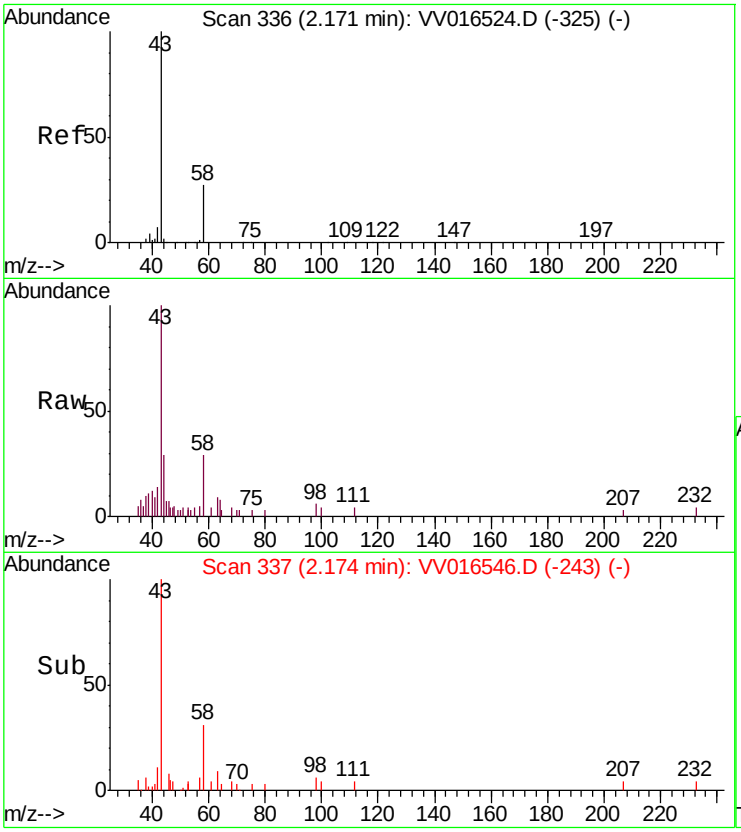
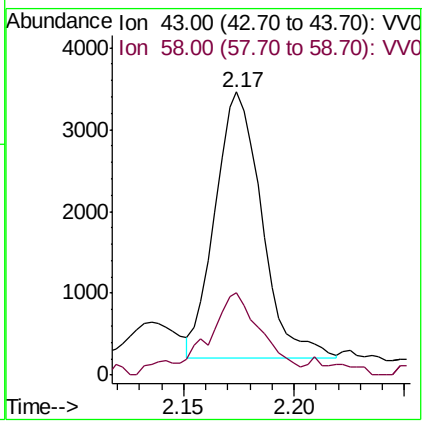




#13
Acetone
Concen: 2.653 ug/L
RT: 2.17 min Scan# 337
Delta R.T. 0.00 min
Lab File: VV016546.D
Acq: 05 Jun 2020 19:16

Tgt Ion: 43 Resp: 4742

Ion	Ratio	Lower	Upper
43	100		
58	24.9	0.0	57.2



Instrument :
MSVOA_V
ClientSampleId :
F9E63

Manual Integrations APPROVED
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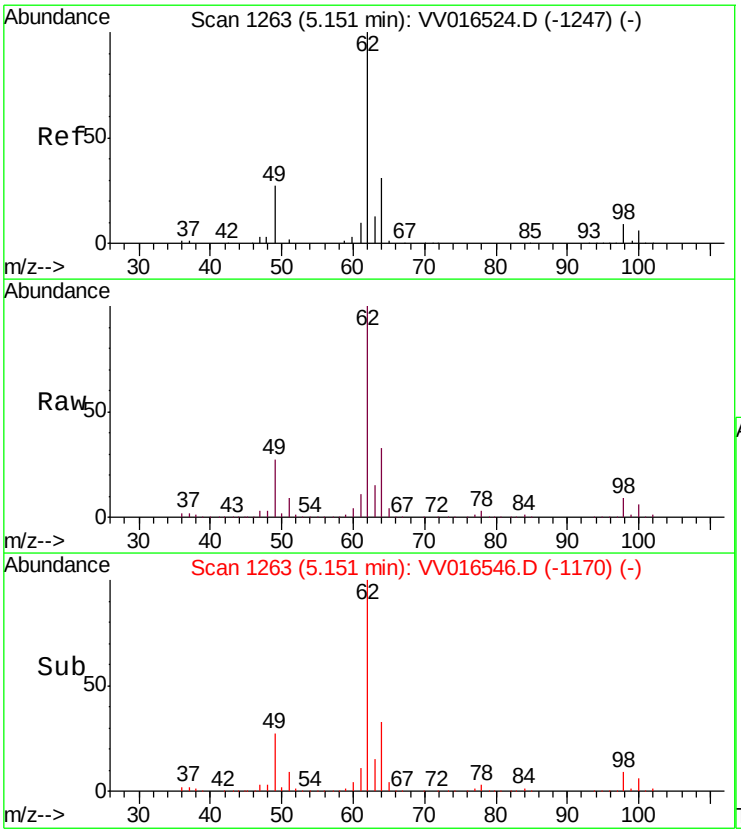
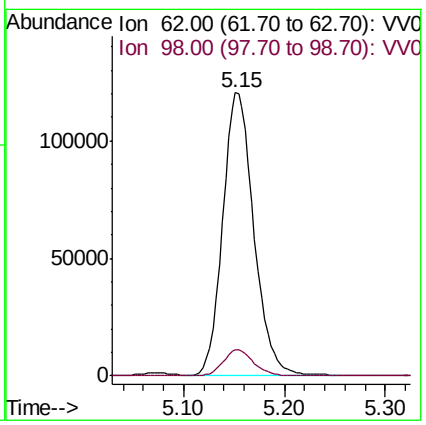
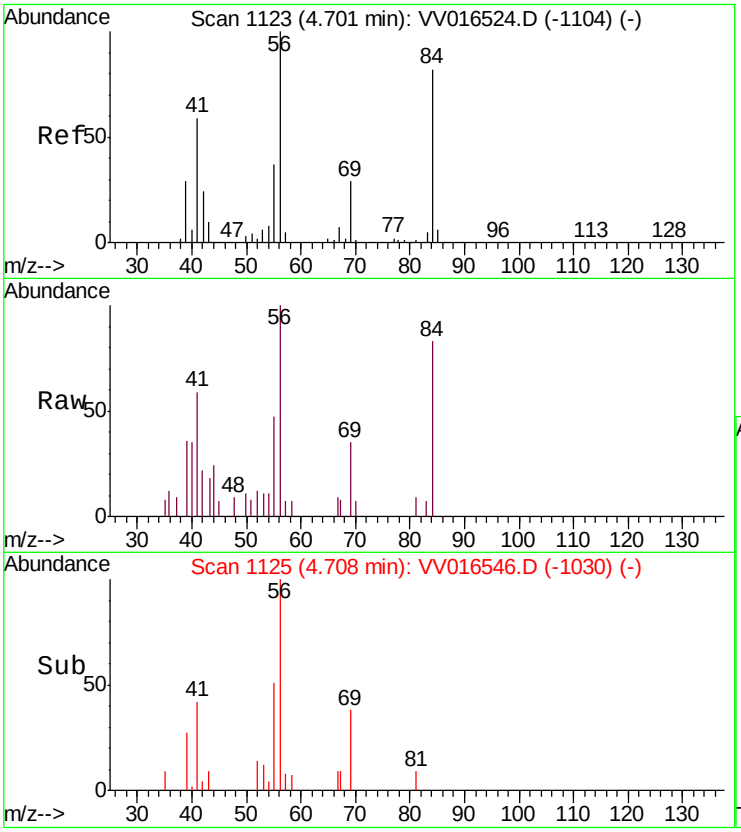


#27
1,2-Dichloroethane
Concen: 55.191 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV016546.D
Acq: 05 Jun 2020 19:16

Tgt Ion: 62 Resp: 257143

Ion	Ratio	Lower	Upper
62	100		
98	9.3	6.9	10.3

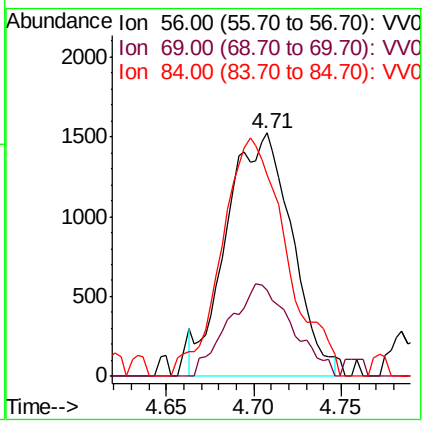




#29
Cyclohexane
Concen: 0.853 ug/L m
RT: 4.71 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VV016546.D
Acq: 05 Jun 2020 19:16

Tgt Ion: 56 Resp: 3943

Ion	Ratio	Lower	Upper
56	100		
69	36.3	23.9	35.9#
84	90.5	68.2	102.2



Instrument :
MSVOA_V
ClientSampleId :
F9E63

Manual Integrations APPROVED
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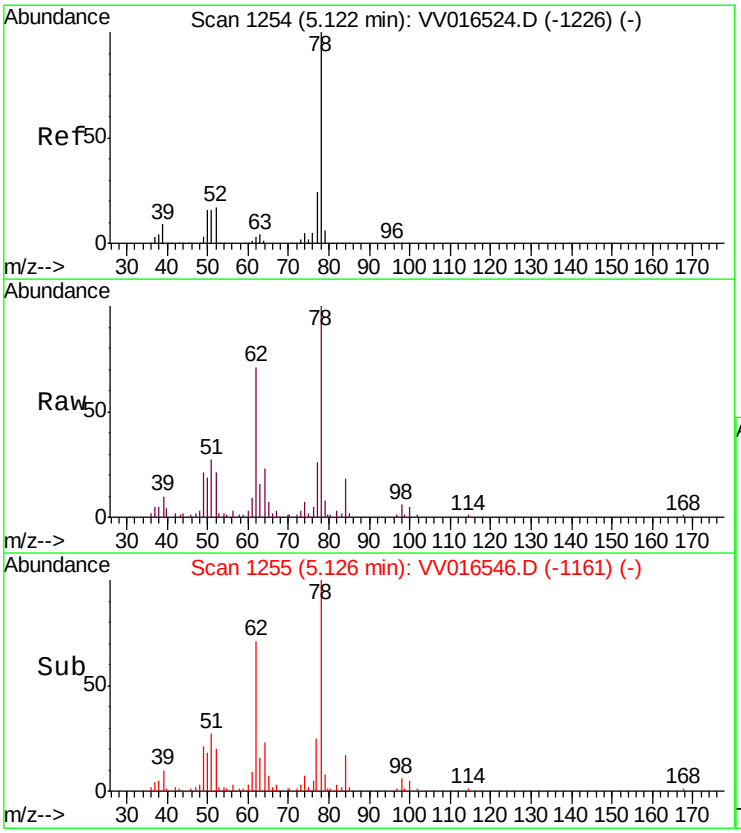
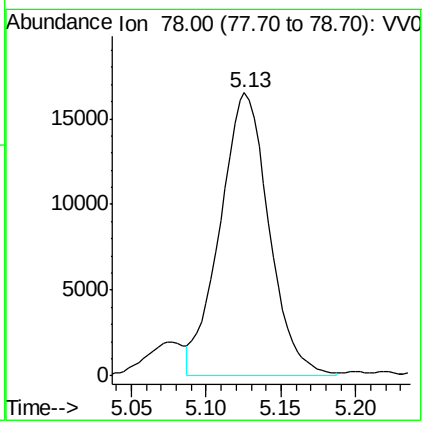
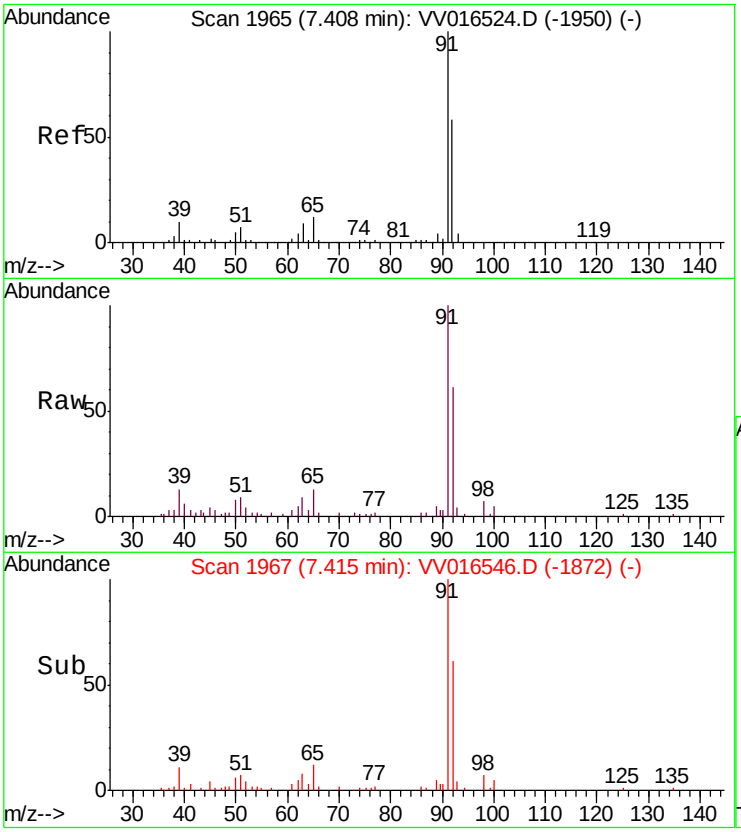


#33
Benzene
Concen: 3.294 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV016546.D
Acq: 05 Jun 2020 19:16

Tgt Ion: 78 Resp: 37728

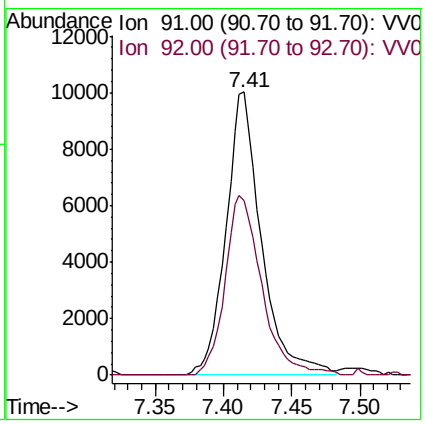




#42
Toluene
Concen: 1.491 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV016546.D
Acq: 05 Jun 2020 19:16

Tgt Ion: 91 Resp: 18096

Ion	Ratio	Lower	Upper
91	100		
92	61.5	40.9	75.9



Instrument :
MSVOA_V
ClientSampleId :
F9E63

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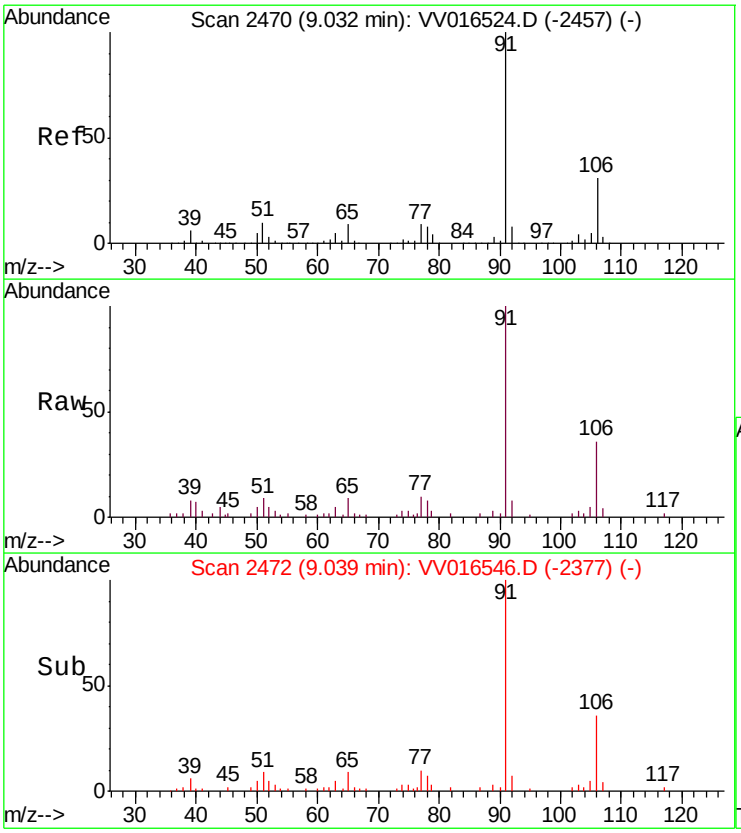
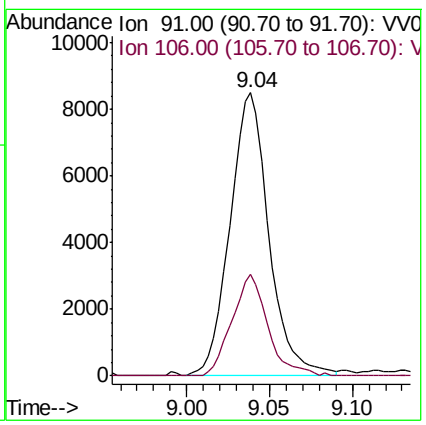
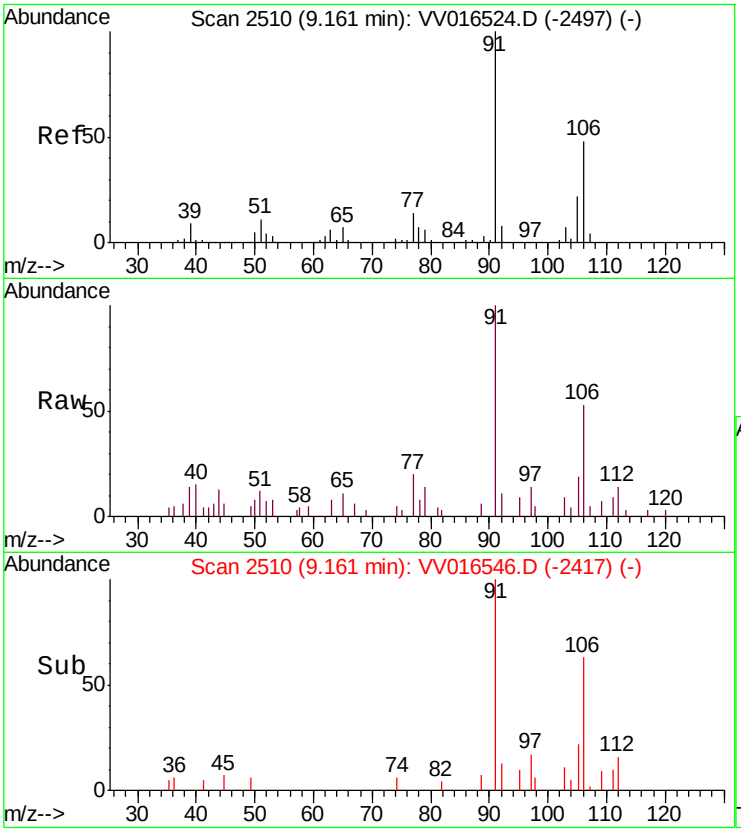


#52
Ethylbenzene
Concen: 1.051 ug/L
RT: 9.04 min Scan# 2472
Delta R.T. 0.01 min
Lab File: VV016546.D
Acq: 05 Jun 2020 19:16

Tgt Ion: 91 Resp: 13882

Ion	Ratio	Lower	Upper
91	100		
106	35.8	21.8	40.4

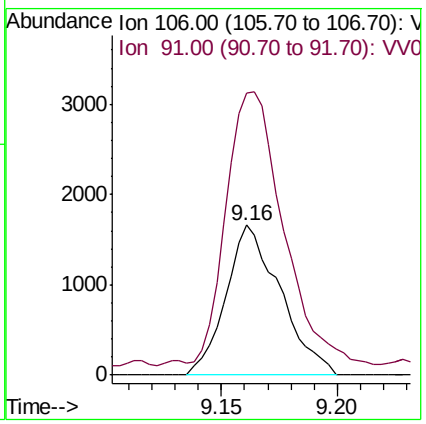




#53
m,p-Xylene
Concen: 0.542 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV016546.D
Acq: 05 Jun 2020 19:16

Tgt Ion:106 Resp: 2698

Ion	Ratio	Lower	Upper
106	100		
91	187.8	142.5	264.6



Instrument :
MSVOA_V
ClientSampleId :
F9E63

Manual Integrations APPROVED
sam
6/6/2020 11:34:10 AM