Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016907.D
Acq On : 13 Jun 2020 03:18
Operator : SY/MD
Sample : L2990-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E3YG5

Manual Integrations APPROVED
MMDadoda
6/15/2020 12:22:54 PM

Quant Time: Jun 13 06:46:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 13 06:09:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	352401	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	333893	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	165917	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	102961	41.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.82%			
7) Chloroethane-d5	1.57	69	57186	38.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 76.66%			
11) 1,1-Dichloroethene-d2	2.12	63	144978	34.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.44%			
21) 2-Butanone-d5	3.90	46	174013	94.55	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.55%			
24) Chloroform-d	4.37	84	224961	44.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.98%			
26) 1,2-Dichloroethane-d4	5.05	65	164685	47.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.76%			
32) Benzene-d6	5.07	84	436173	45.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.64%			
36) 1,2-Dichloropropane-d6	6.09	67	135237	45.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.16%			
41) Toluene-d8	7.34	98	411656	46.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.22%			
43) trans-1,3-Dichloropropene-	7.64	79	71160	45.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.08%			
47) 2-Hexanone-d5	8.11	63	120806	92.36	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.36%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176428	44.42	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.84%			
64) 1,2-Dichlorobenzene-d4	11.65	152	167633	47.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.68%			
Target Compounds						Qvalue
8) Chloroethane	1.58	64	2338	1.884	ug/L	86
19) 1,1-Dichloroethane	3.21	63	30766	6.854	ug/L	96
29) Cyclohexane	4.70	56	32251	7.773	ug/L	92
30) 1,1,1-Trichloroethane	4.63	97	5344m	1.255	ug/L	
35) Methylcyclohexane	6.15	83	243642	58.617	ug/L	93
40) 4-Methyl-2-pentanone	7.29	43	7904	2.171	ug/L #	47
42) Toluene	7.41	91	79650	7.648	ug/L	99
52) Ethylbenzene	9.04	91	5235628	453.885	ug/L	98
53) m,p-Xylene	9.18	106	16661351m	3879.330	ug/L	
54) o-xylene	9.57	106	21914	5.173	ug/L	98
56) Isopropylbenzene	9.95	105	507327	44.574	ug/L	100

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

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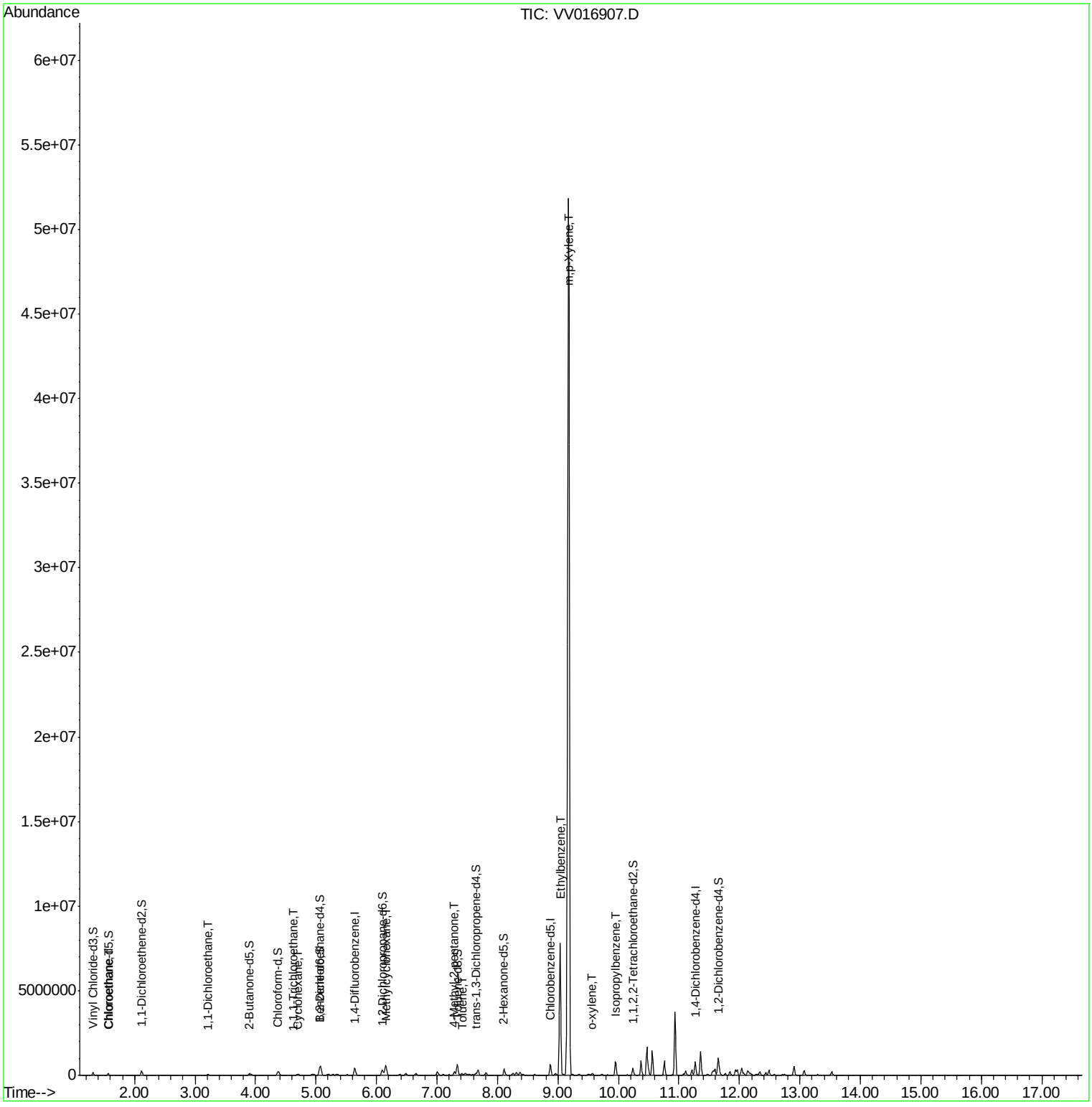
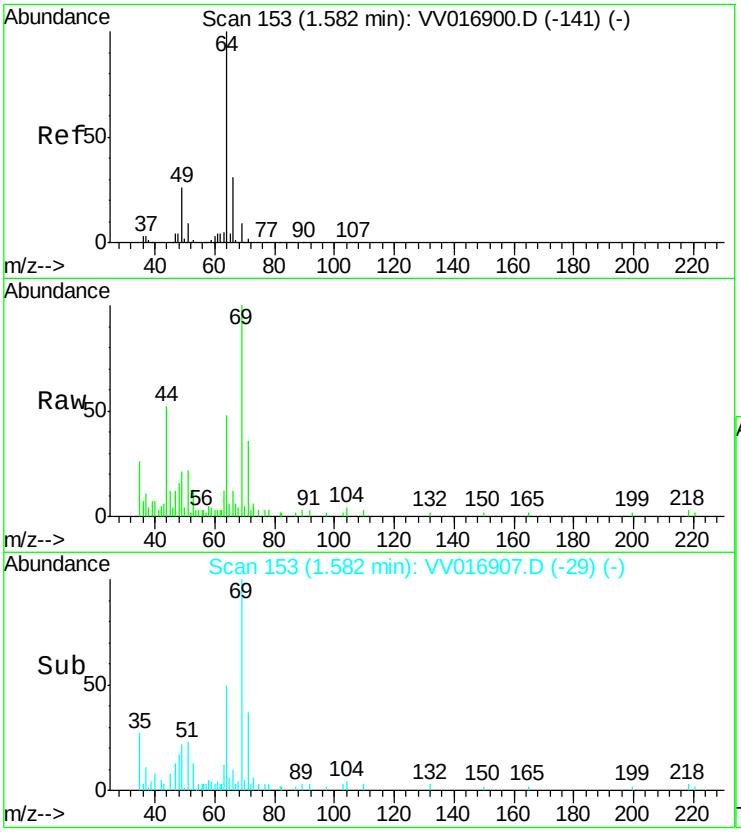
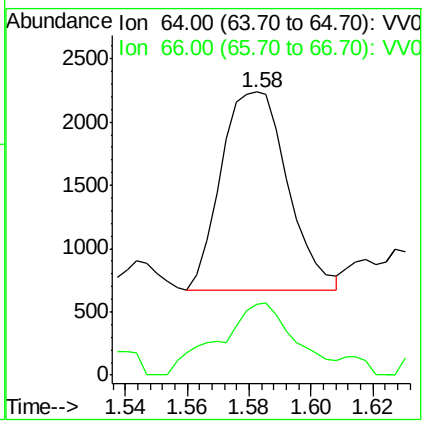




#8
Chloroethane
Concen: 1.884 ug/L
RT: 1.58 min Scan# 153
Delta R.T. 0.00 min
Lab File: VV016907.D
Acq: 13 Jun 2020 03:18

Tgt Ion: 64 Resp: 2338

Ion	Ratio	Lower	Upper
64	100		
66	25.0	23.2	43.0



Instrument :
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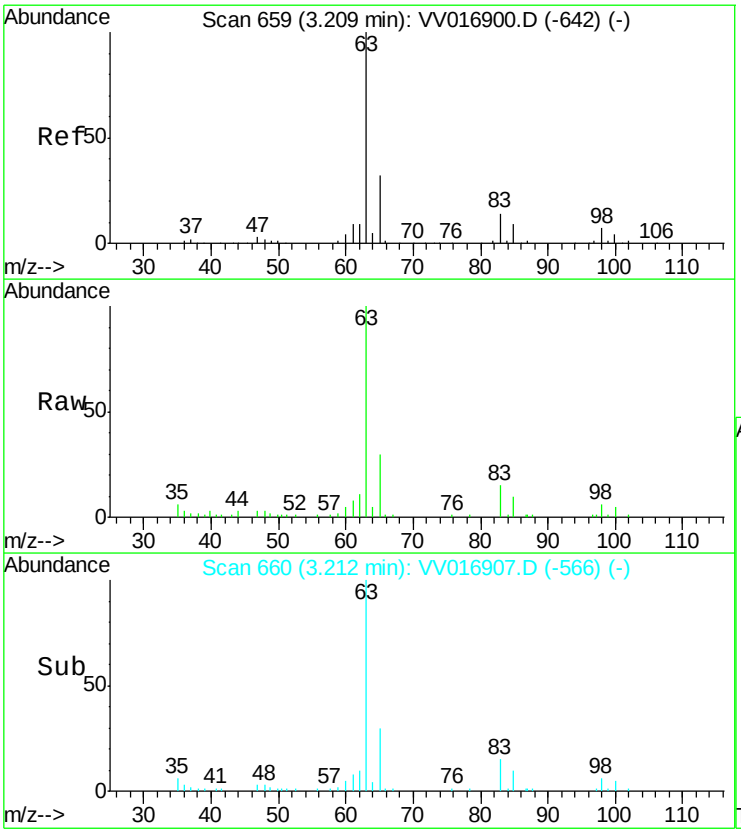
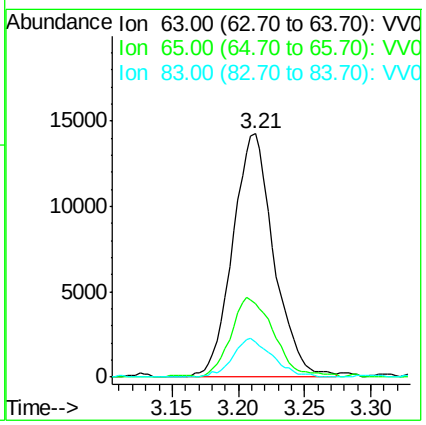
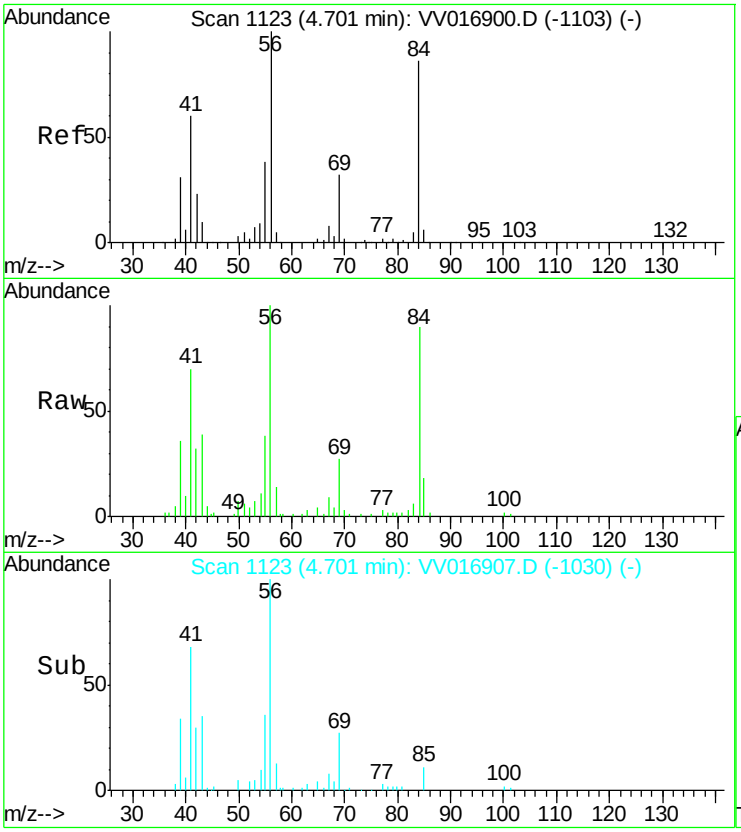


#19
1,1-Dichloroethane
Concen: 6.854 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.00 min
Lab File: VV016907.D
Acq: 13 Jun 2020 03:18

Tgt Ion: 63 Resp: 30766

Ion	Ratio	Lower	Upper
63	100		
65	29.9	23.2	43.0
83	14.5	10.0	18.6

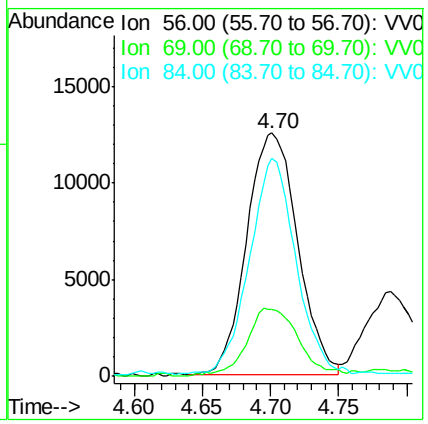




#29
Cyclohexane
Concen: 7.773 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VV016907.D
Acq: 13 Jun 2020 03:18

Tgt Ion: 56 Resp: 32251

Ion	Ratio	Lower	Upper
56	100		
69	27.7	25.0	37.4
84	79.0	69.5	104.3



Instrument :
MSVOA_V
ClientSampleId :
E3YG5

Manual Integrations APPROVED
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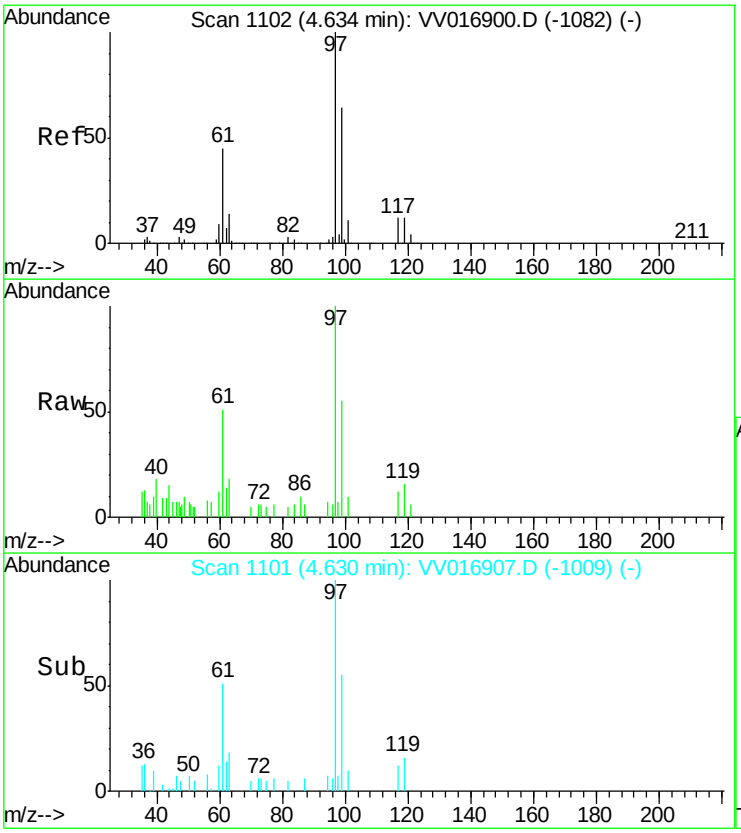
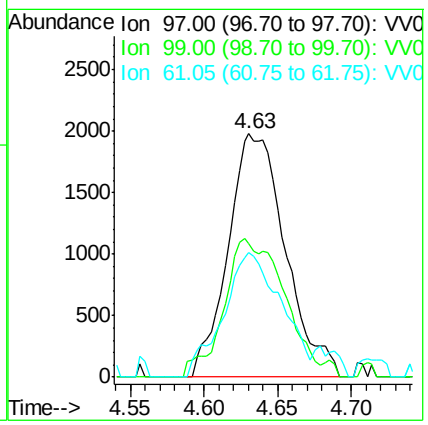
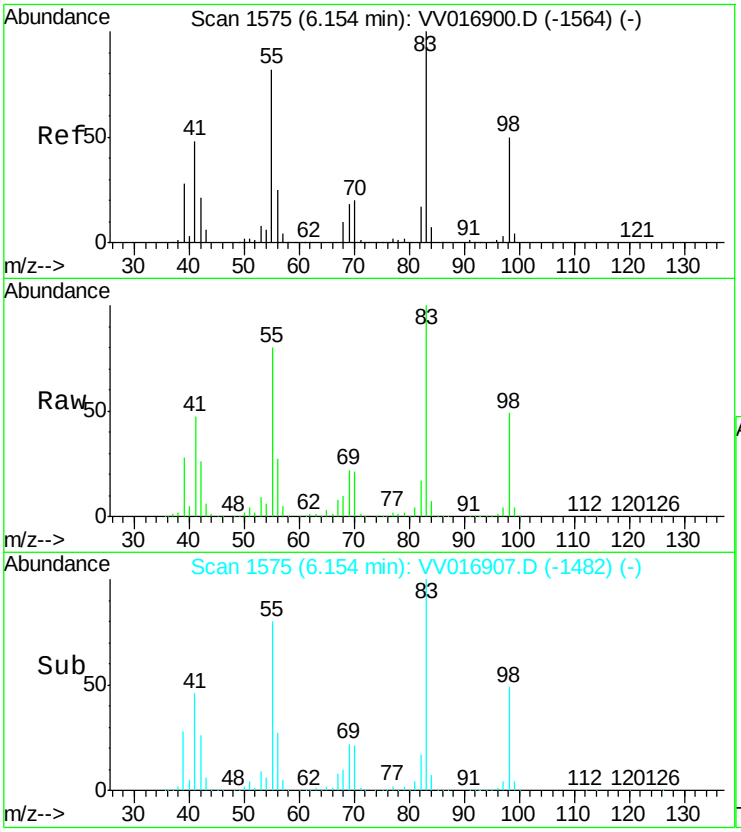


#30
1,1,1-Trichloroethane
Concen: 1.255 ug/L m
RT: 4.63 min Scan# 1101
Delta R.T. -0.00 min
Lab File: VV016907.D
Acq: 13 Jun 2020 03:18

Tgt Ion: 97 Resp: 5344

Ion	Ratio	Lower	Upper
97	100		
99	24.8	51.3	76.9#
61	44.5	36.7	55.1

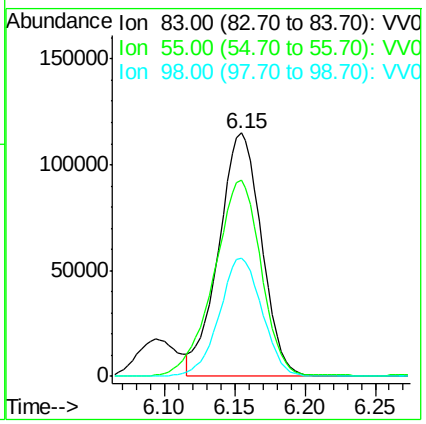




#35
Methylcyclohexane
Concen: 58.617 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VV016907.D
Acq: 13 Jun 2020 03:18

Tgt Ion: 83 Resp: 243642

Ion	Ratio	Lower	Upper
83	100		
55	88.5	64.2	96.2
98	48.3	40.3	60.5



Instrument :
MSVOA_V
ClientSampleId :
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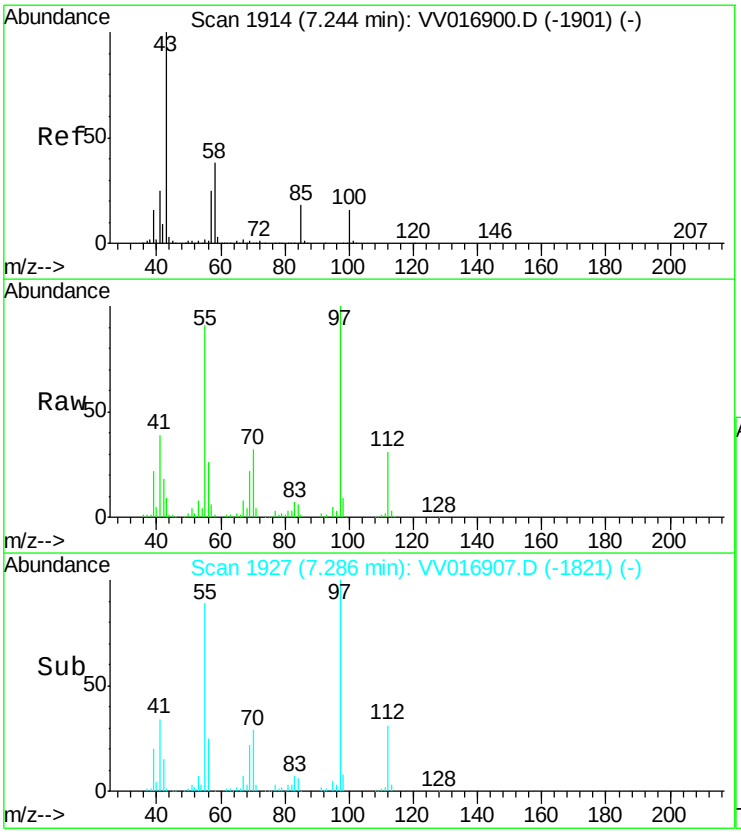
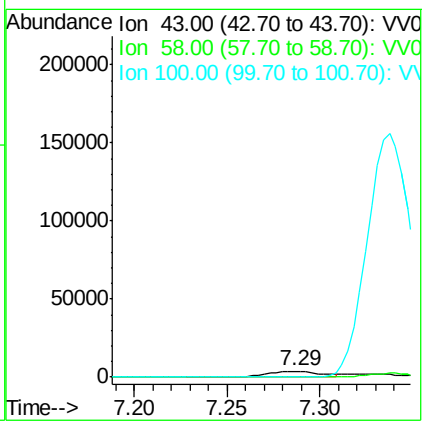
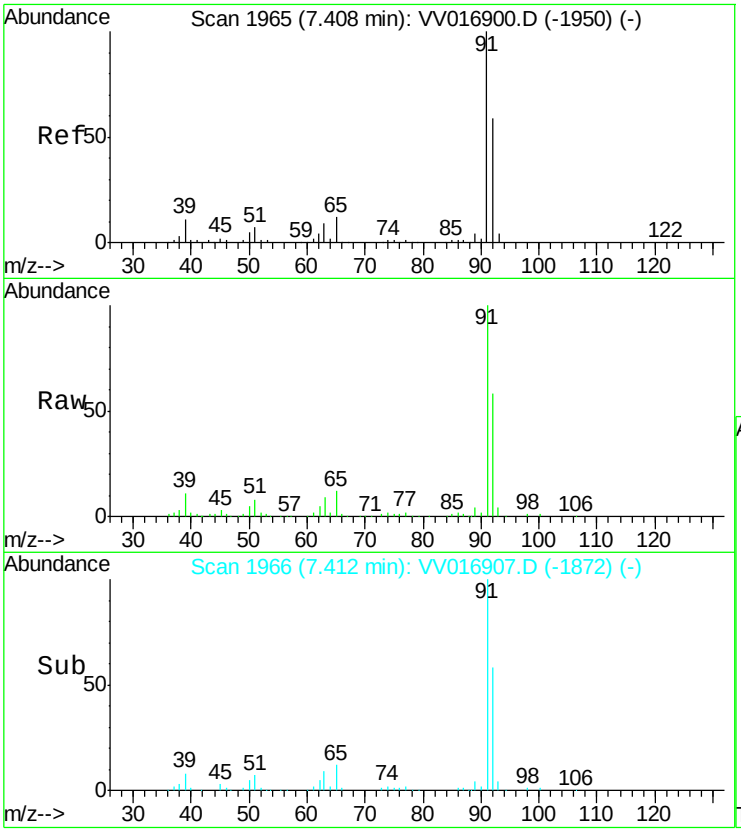


#40
4-Methyl-2-pentanone
Concen: 2.171 ug/L
RT: 7.29 min Scan# 1927
Delta R.T. 0.04 min
Lab File: VV016907.D
Acq: 13 Jun 2020 03:18

Tgt Ion: 43 Resp: 7904

Ion	Ratio	Lower	Upper
43	100		
58	2.2	30.2	45.4#
100	0.0	12.3	18.5#

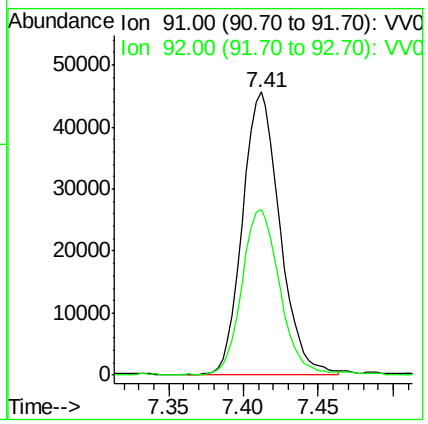




#42
Toluene
Concen: 7.648 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016907.D
Acq: 13 Jun 2020 03:18

Tgt Ion: 91 Resp: 79650

Ion	Ratio	Lower	Upper
91	100		
92	58.5	40.4	75.0



Instrument :
MSVOA_V
ClientSampleId :
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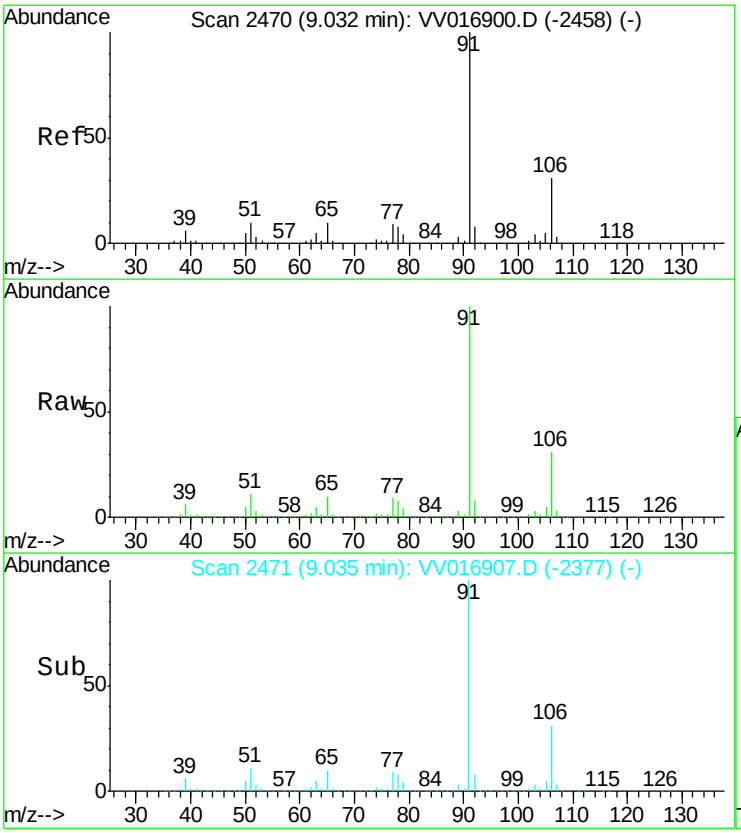
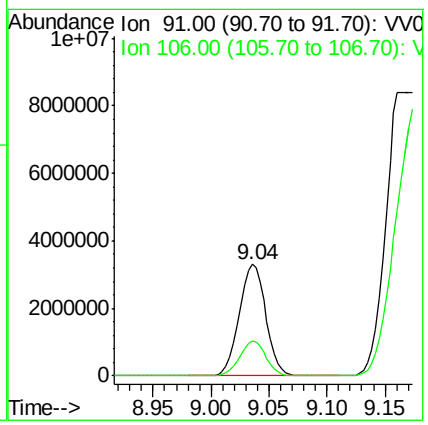
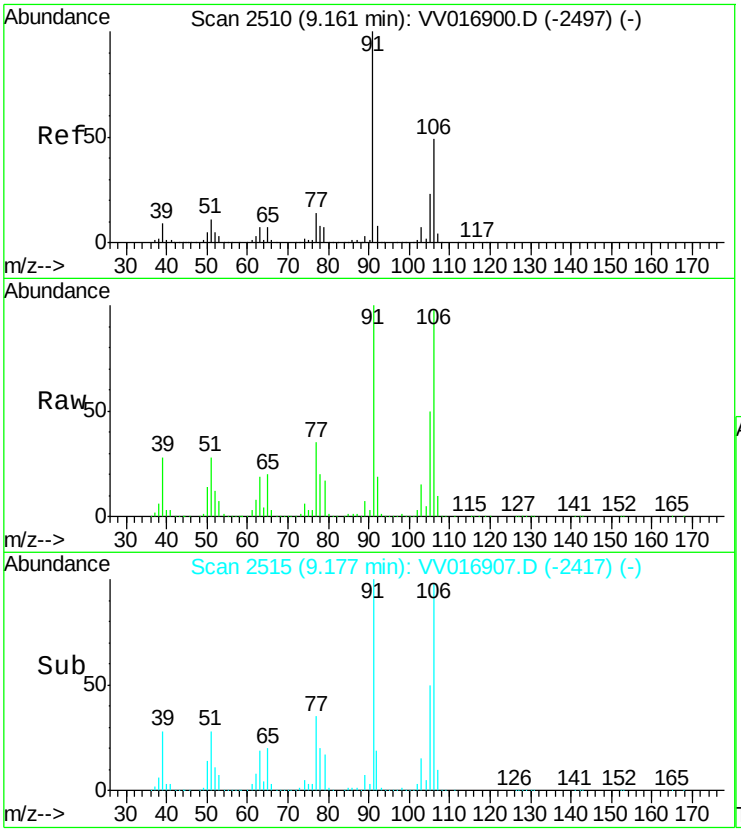


#52
Ethylbenzene
Concen: 453.885 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016907.D
Acq: 13 Jun 2020 03:18

Tgt Ion: 91 Resp: 5235628

Ion	Ratio	Lower	Upper
91	100		
106	31.0	21.1	39.1

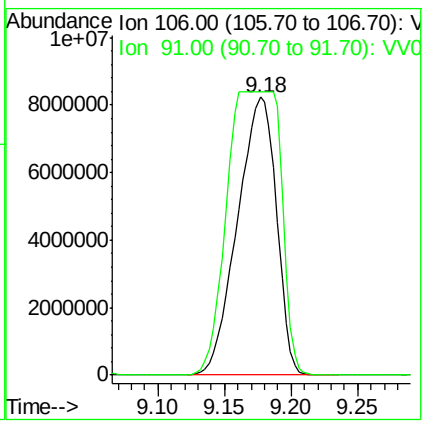




#53
m,p-Xylene
Concen: 3879.330 ug/L m
RT: 9.18 min Scan# 2515
Delta R.T. 0.02 min
Lab File: VV016907.D
Acq: 13 Jun 2020 03:18

Tgt Ion:106 Resp:16661351

Ion	Ratio	Lower	Upper
106	100		
91	101.8	144.6	268.6#



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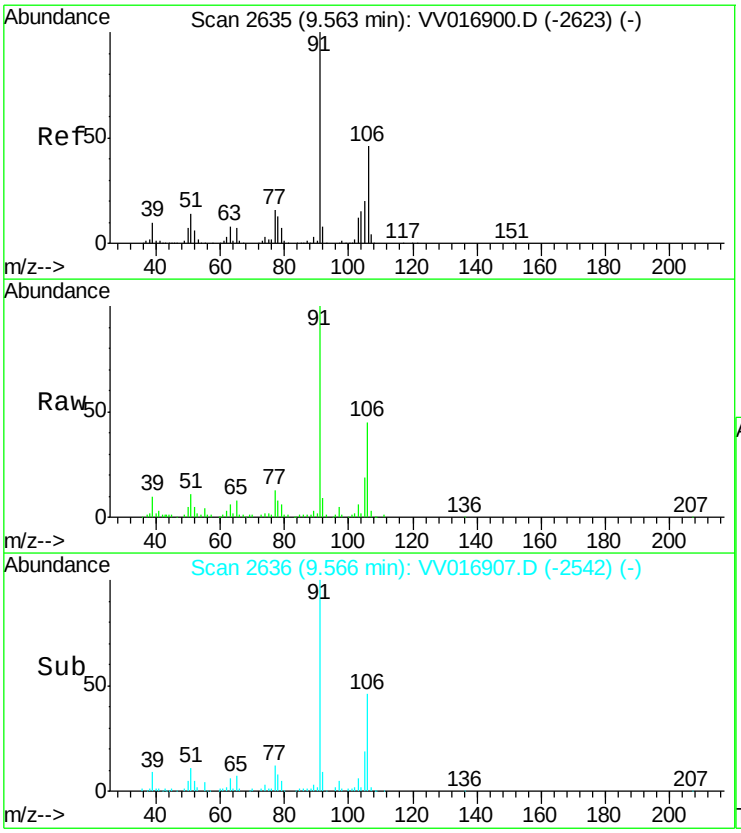
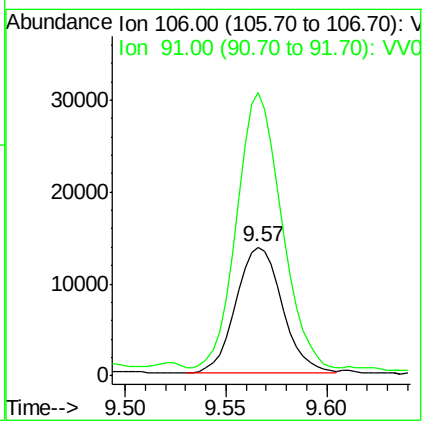
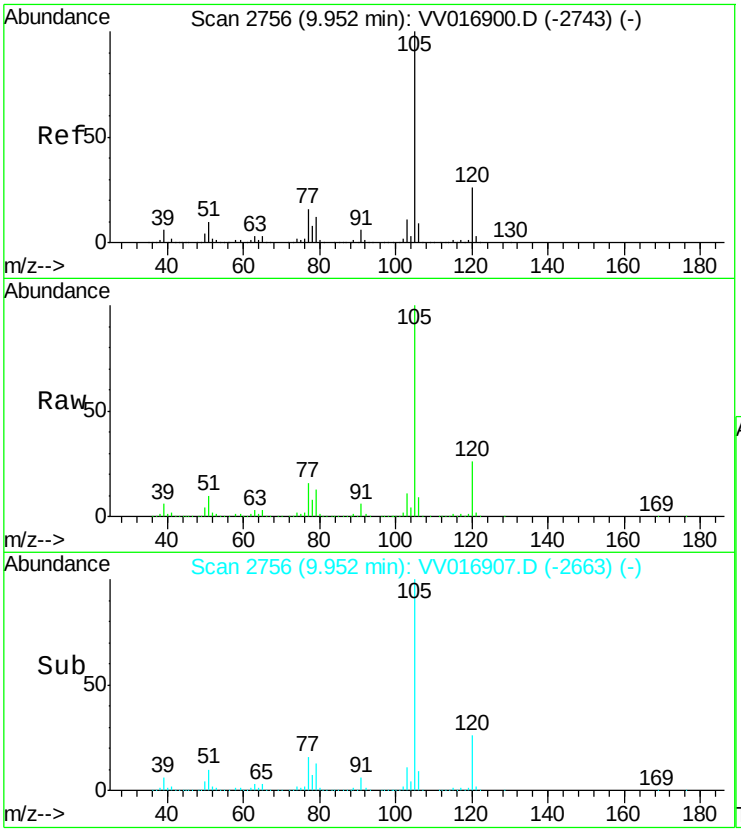


#54
o-xylene
Concen: 5.173 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016907.D
Acq: 13 Jun 2020 03:18

Tgt Ion:106 Resp: 21914

Ion	Ratio	Lower	Upper
106	100		
91	220.2	155.9	289.5

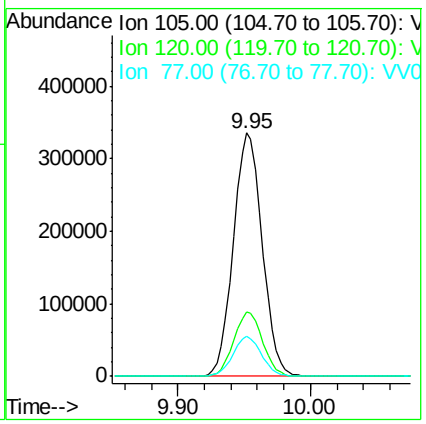




#56
Isopropylbenzene
Concen: 44.574 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VV016907.D
Acq: 13 Jun 2020 03:18

Tgt Ion:105 Resp: 507327

Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.2	31.8
77	16.1	13.0	19.4



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