Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016307.D
Acq On : 29 May 2020 04:20
Operator : SY/MD
Sample : L2662-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Quant Time: May 29 06:40:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 04:21:25 2020
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : F9B14

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	112150	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	106463	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	54303	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	28066	3.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.00%			
7) Chloroethane-d5	1.58	69	18962	3.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 60.00%#			
11) 1,1-Dichloroethene-d2	2.13	63	68717	5.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.60%			
20) 2-Butanone-d5	3.96	46	64493	36.10	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 72.20%			
24) Chloroform-d	4.38	84	58350	4.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.40%			
26) 1,2-Dichloroethane-d4	5.06	65	30133	3.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.40%			
32) Benzene-d6	5.07	84	117951	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.40%			
36) 1,2-Dichloropropane-d6	6.10	67	36028	4.42	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.40%			
41) Toluene-d8	7.34	98	109895	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.40%			
45) trans-1,3-Dichloropropene-	7.65	79	12253	4.03	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.60%			
48) 2-Hexanone-d5	8.12	63	63478	45.51	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.02%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24224	4.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 80.40%			
65) 1,2-Dichlorobenzene-d4	11.65	152	41139	4.54	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	319407	32.521	ug/L	98
12) 1,1-Dichloroethene	2.13	96	51901	7.846	ug/L	89
13) Acetone	2.26	43	26616m	24.066	ug/L	
18) trans-1,2-Dichloroethene	2.78	96	22571	3.118	ug/L	97
19) 1,1-Dichloroethane	3.21	63	1940	0.141	ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	11425183	1334.479	ug/L #	98
27) 1,2-Dichloroethane	5.16	62	6104	0.642	ug/L #	93
33) Benzene	5.12	78	475982	15.536	ug/L	100
34) Trichloroethene	5.94	95	9404	1.178	ug/L	94
42) Toluene	7.41	91	807618	24.172	ug/L	100
54) Ethylbenzene	9.03	91	657874	17.665	ug/L	99
55) m,p-xylene	9.16	106	270991	19.405	ug/L	97
56) o-xylene	9.56	106	181711	13.654	ug/L	96
58) Isopropylbenzene	9.95	105	38095	1.045	ug/L	99

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

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Instrument :
MSVOA_V
ClientSampleId :
F9B14

Manual Integrations APPROVED
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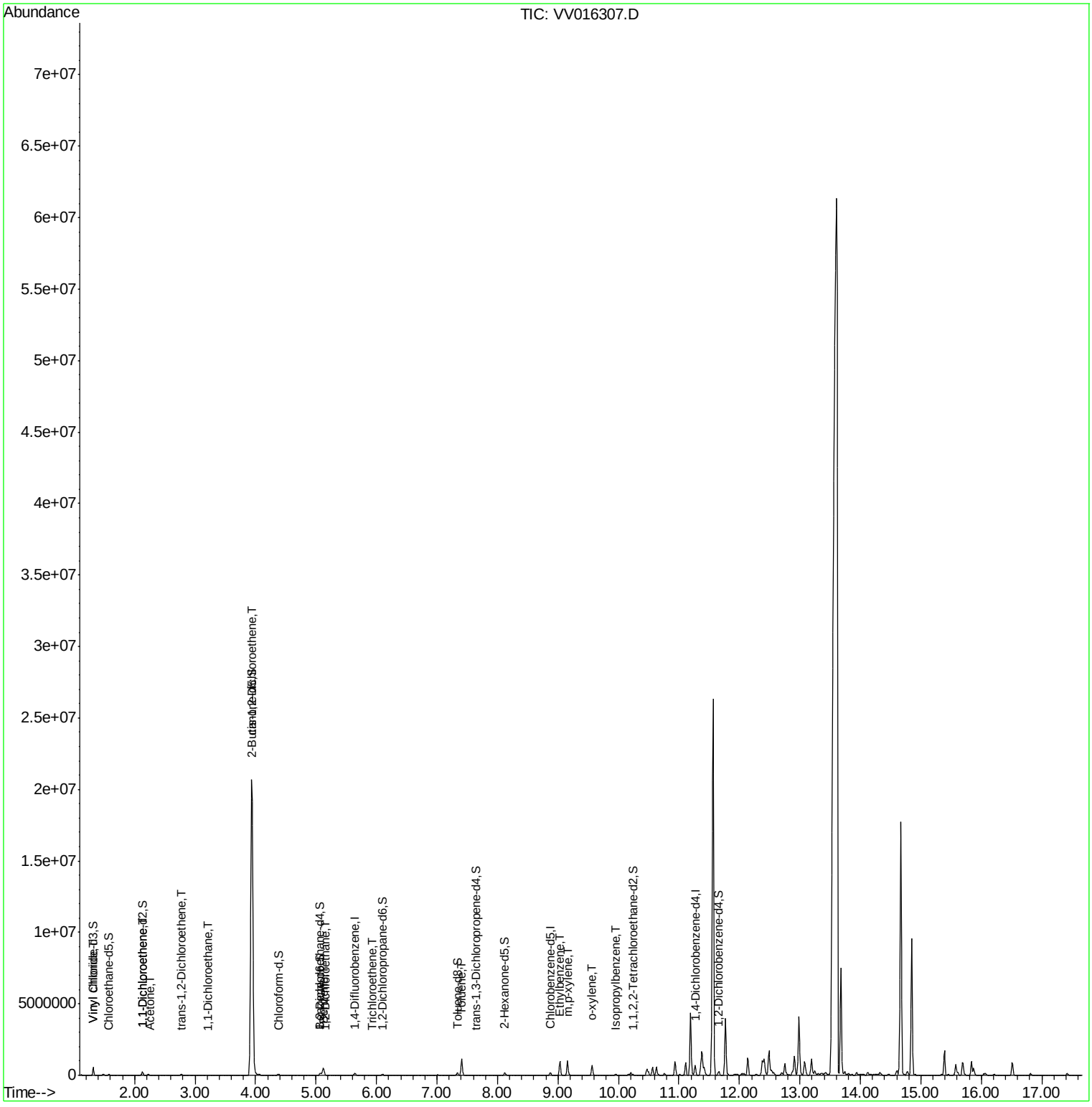
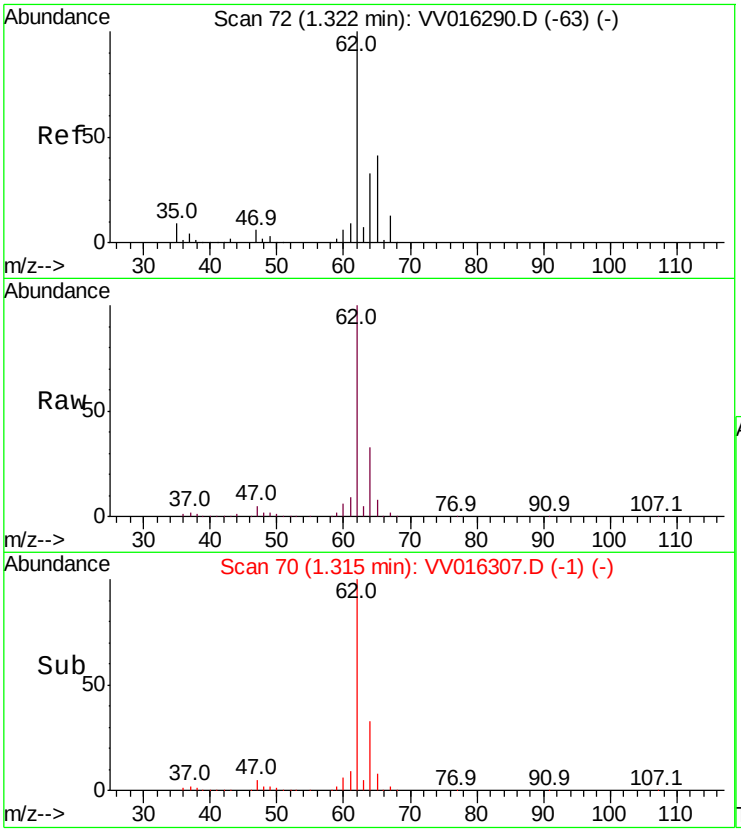
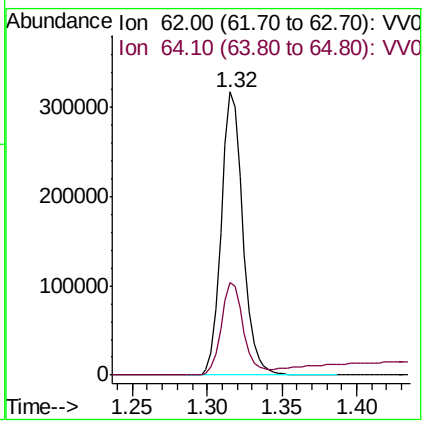




#5
Vinyl chloride
Concen: 32.521 ug/L
RT: 1.32 min Scan# 70
Delta R.T. -0.01 min
Lab File: VV016307.D
Acq: 29 May 2020 04:20

Tgt Ion: 62 Resp: 319407

Ion	Ratio	Lower	Upper
62	100		
64	32.7	22.1	41.1



Instrument :
MSVOA_V
ClientSampleId :
F9B14

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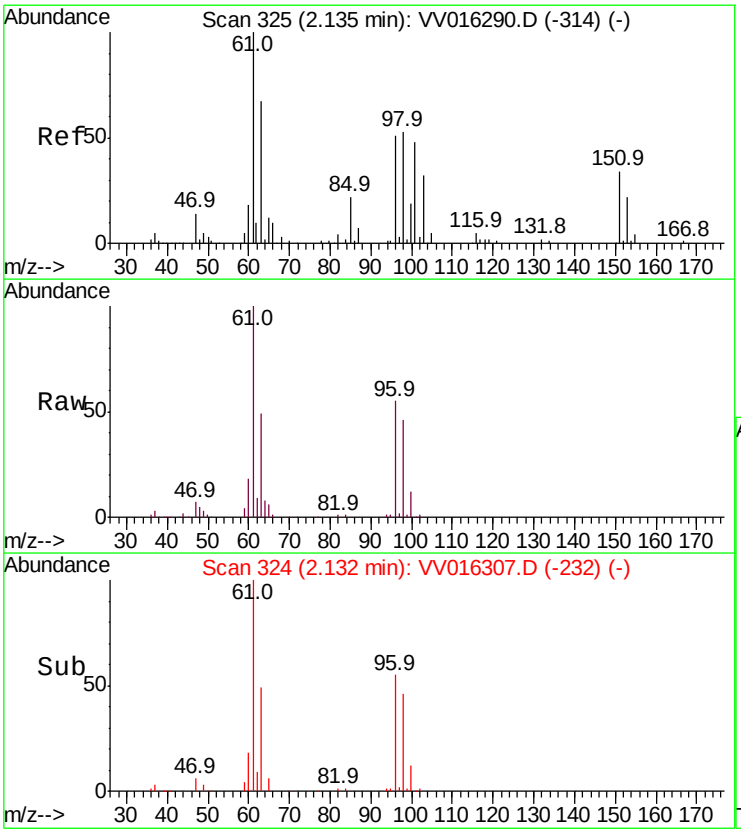
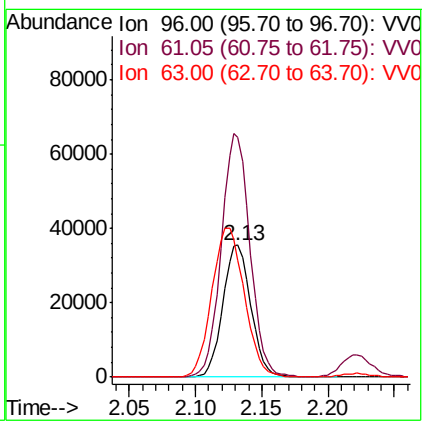
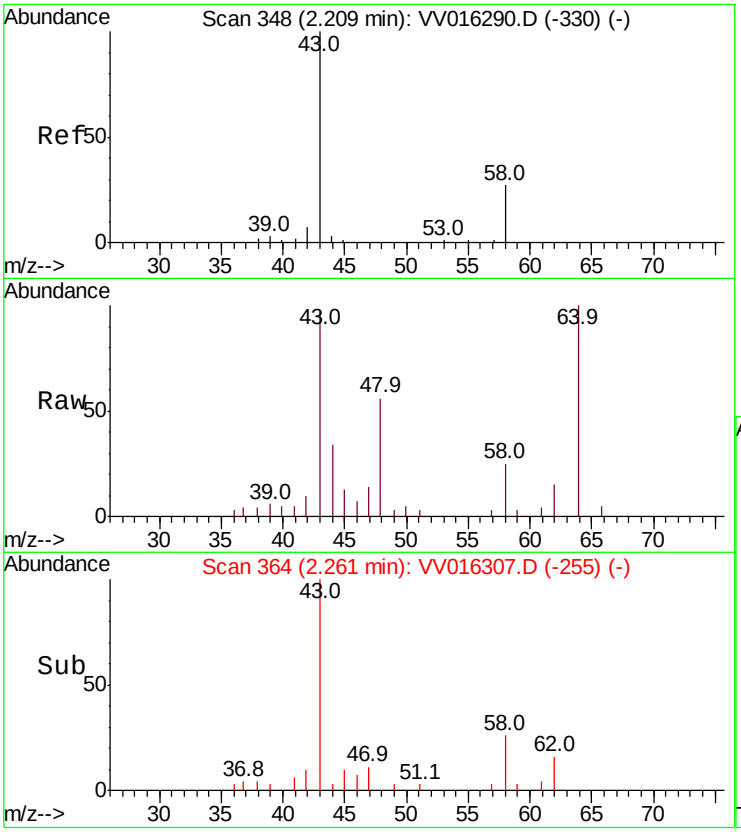


#12
1,1-Dichloroethene
Concen: 7.846 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV016307.D
Acq: 29 May 2020 04:20

Tgt Ion: 96 Resp: 51901

Ion	Ratio	Lower	Upper
96	100		
61	181.9	124.9	231.9
63	89.0	80.4	149.2

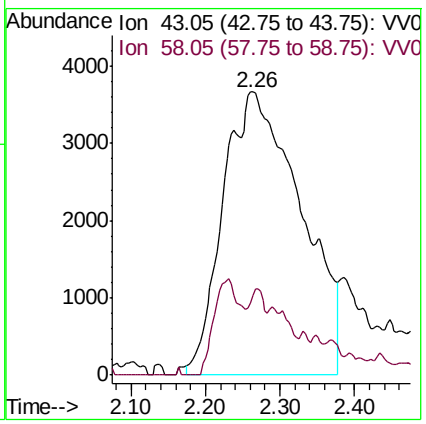




#13
Acetone
Concen: 24.066 ug/L m
RT: 2.26 min Scan# 364
Delta R.T. 0.05 min
Lab File: VV016307.D
Acq: 29 May 2020 04:20

Tgt Ion: 43 Resp: 26616

Ion	Ratio	Lower	Upper
43	100		
58	11.8	0.0	48.8



Instrument :
MSVOA_V
ClientSampleId :
F9B14

Manual Integrations APPROVED
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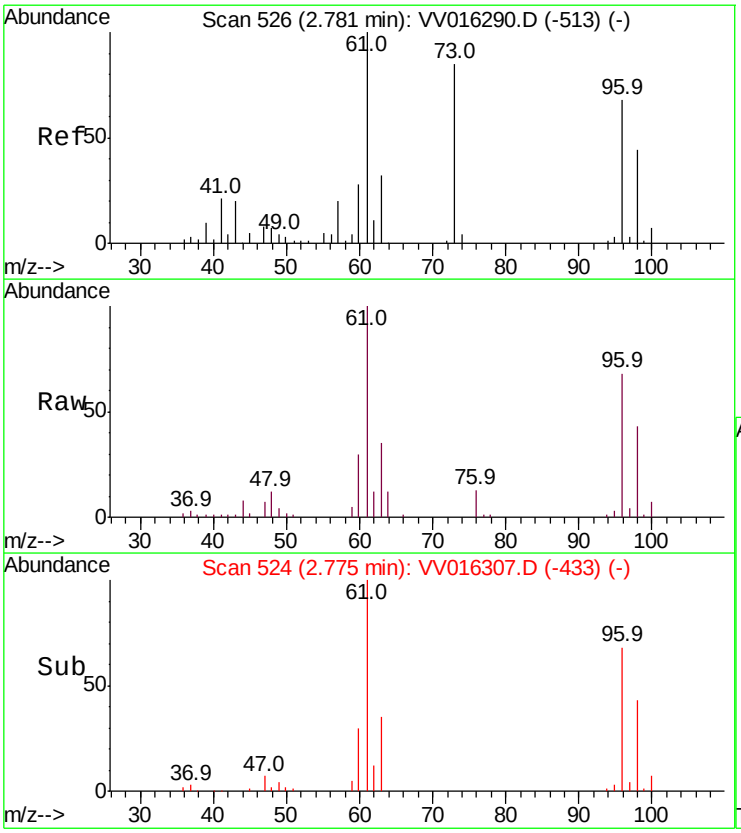
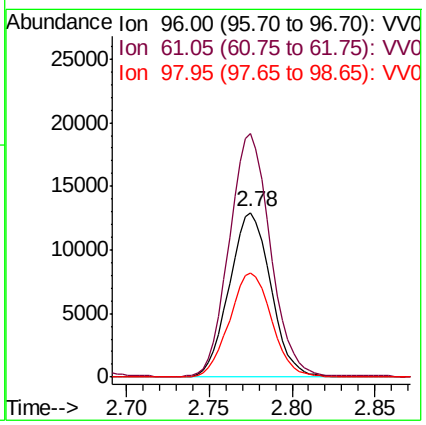
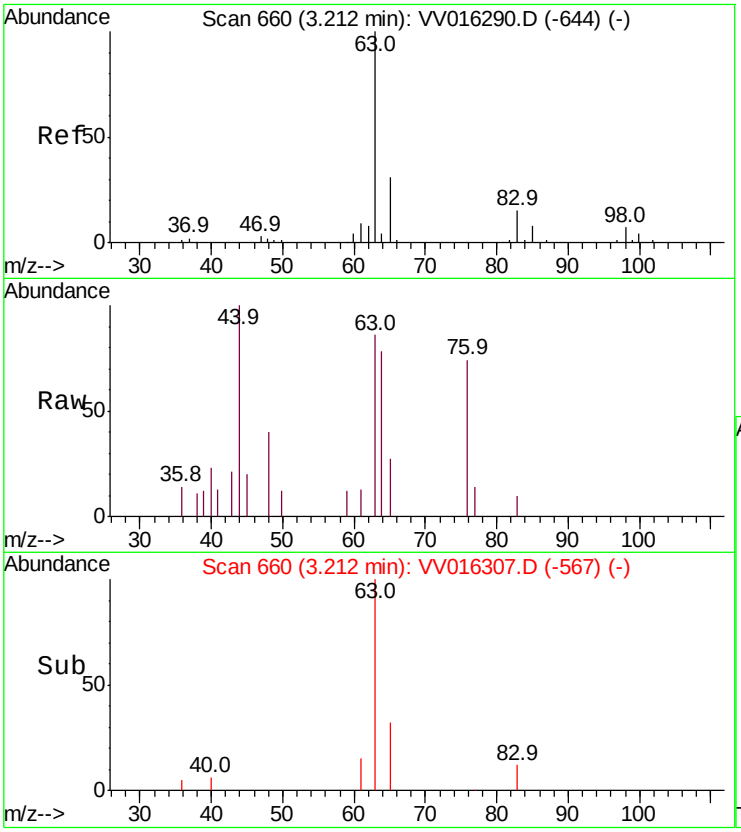


#18
trans-1,2-Dichloroethene
Concen: 3.118 ug/L
RT: 2.78 min Scan# 524
Delta R.T. -0.01 min
Lab File: VV016307.D
Acq: 29 May 2020 04:20

Tgt Ion: 96 Resp: 22571

Ion	Ratio	Lower	Upper
96	100		
61	147.8	99.8	185.4
98	63.4	44.0	81.6

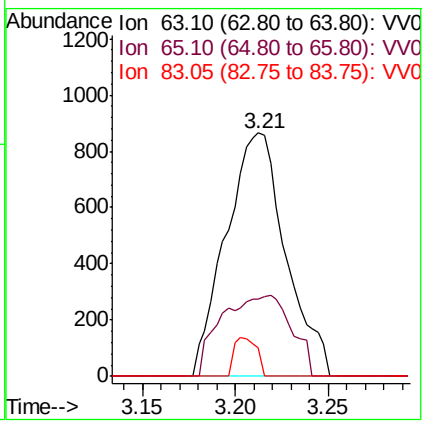




#19
1,1-Dichloroethane
Concen: 0.141 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.00 min
Lab File: VV016307.D
Acq: 29 May 2020 04:20

Tgt Ion: 63 Resp: 1940

Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.3	41.5
83	11.9	9.4	17.4



Instrument :
MSVOA_V
ClientSampleId :
F9B14

Manual Integrations APPROVED
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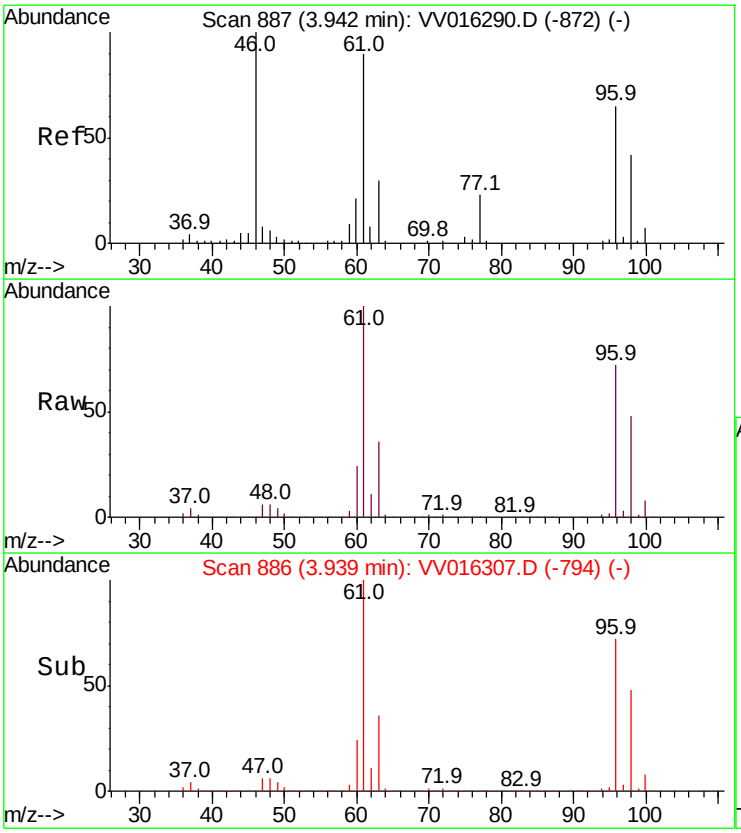
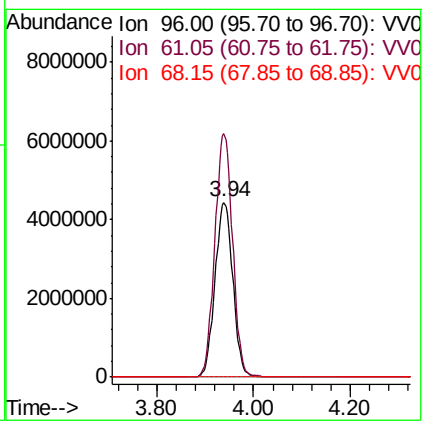
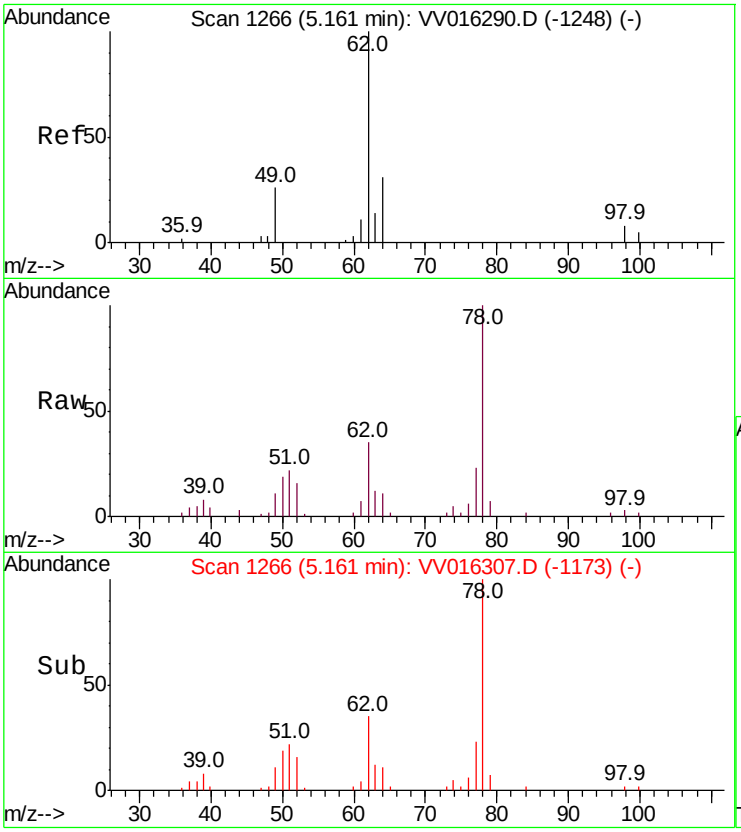


#22
cis-1,2-Dichloroethene
Concen: 1334.479 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV016307.D
Acq: 29 May 2020 04:20

Tgt Ion: 96 Resp:11425183

Ion	Ratio	Lower	Upper
96	100		
61	139.5	99.7	185.1
68	0.0	0.0	0.0#





#27
1,2-Dichloroethane
Concen: 0.642 ug/L
RT: 5.16 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VV016307.D
Acq: 29 May 2020 04:20

Tgt Ion: 62 Resp: 6104

Ion	Ratio	Lower	Upper
62	100		
98	9.7	5.7	8.5#

Instrument :
MSVOA_V
ClientSampleId :
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Manual Integrations APPROVED
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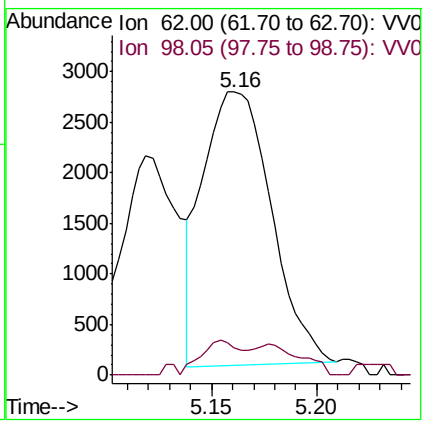
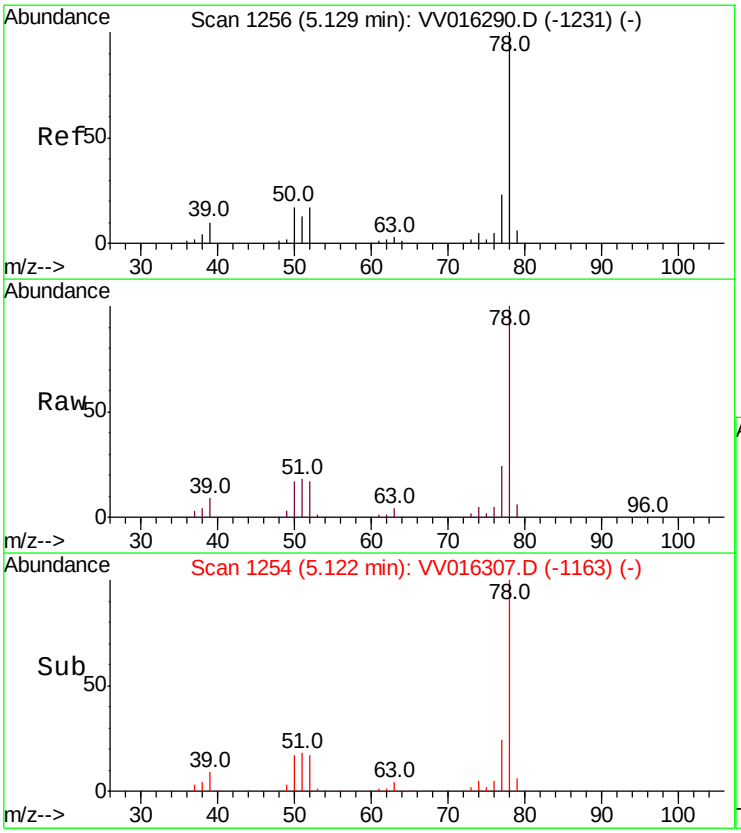
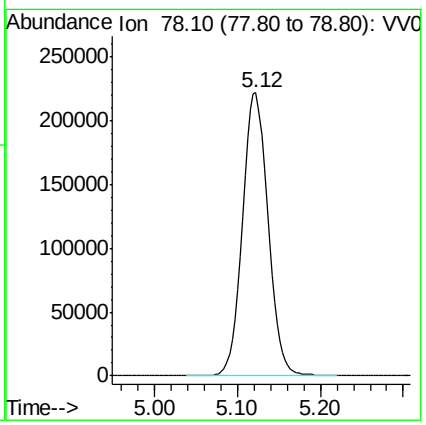
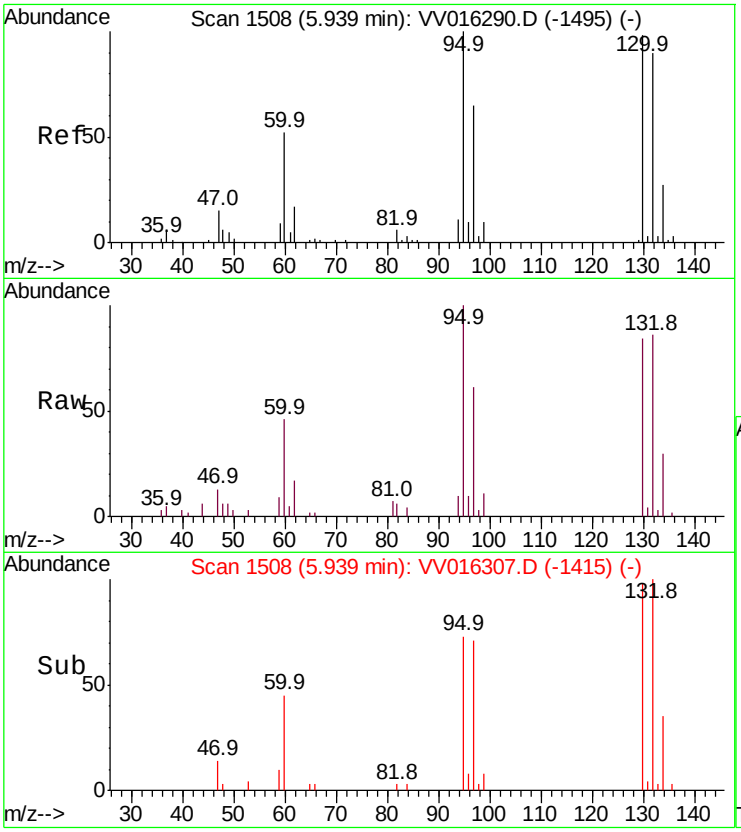




#33
Benzene
Concen: 15.536 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.01 min
Lab File: VV016307.D
Acq: 29 May 2020 04:20

Tgt Ion: 78 Resp: 475982

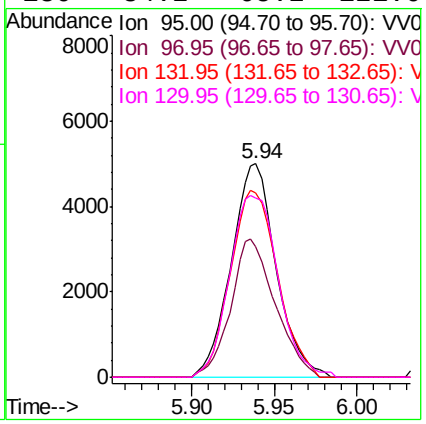




#34
Trichloroethene
Concen: 1.178 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV016307.D
Acq: 29 May 2020 04:20

Tgt Ion: 95 Resp: 9404

Ion	Ratio	Lower	Upper
95	100		
97	60.9	43.6	81.0
132	86.3	63.9	118.7
130	84.2	65.2	121.0



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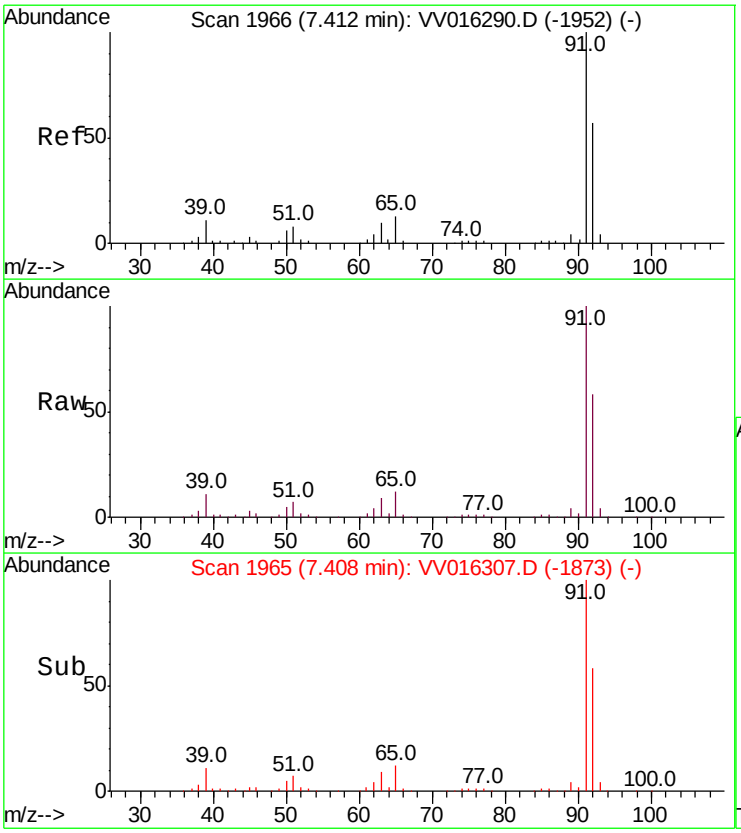
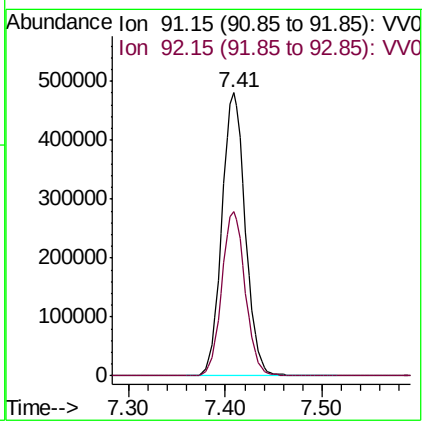
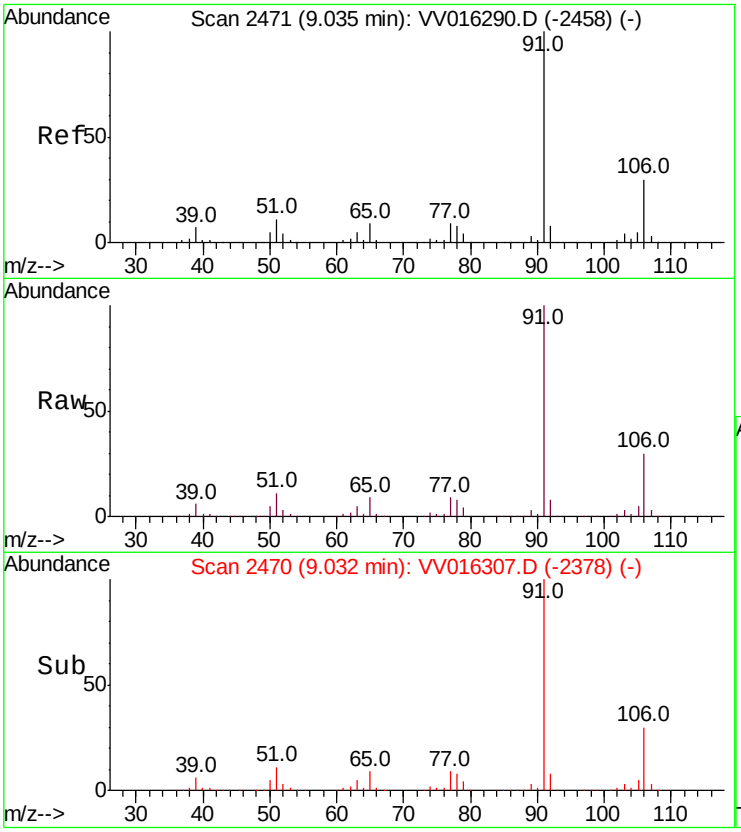


#42
Toluene
Concen: 24.172 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV016307.D
Acq: 29 May 2020 04:20

Tgt Ion: 91 Resp: 807618

Ion	Ratio	Lower	Upper
91	100		
92	58.3	40.9	76.0

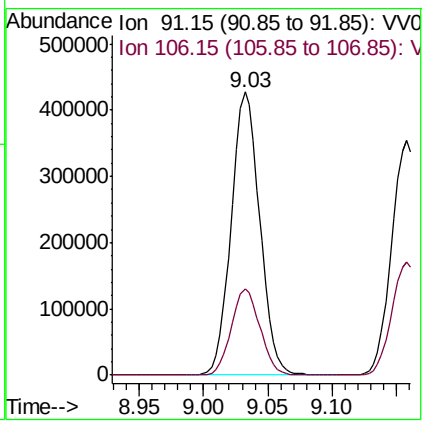




#54
Ethylbenzene
Concen: 17.665 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. -0.00 min
Lab File: VV016307.D
Acq: 29 May 2020 04:20

Tgt Ion: 91 Resp: 657874

Ion	Ratio	Lower	Upper
91	100		
106	30.3	21.0	39.0



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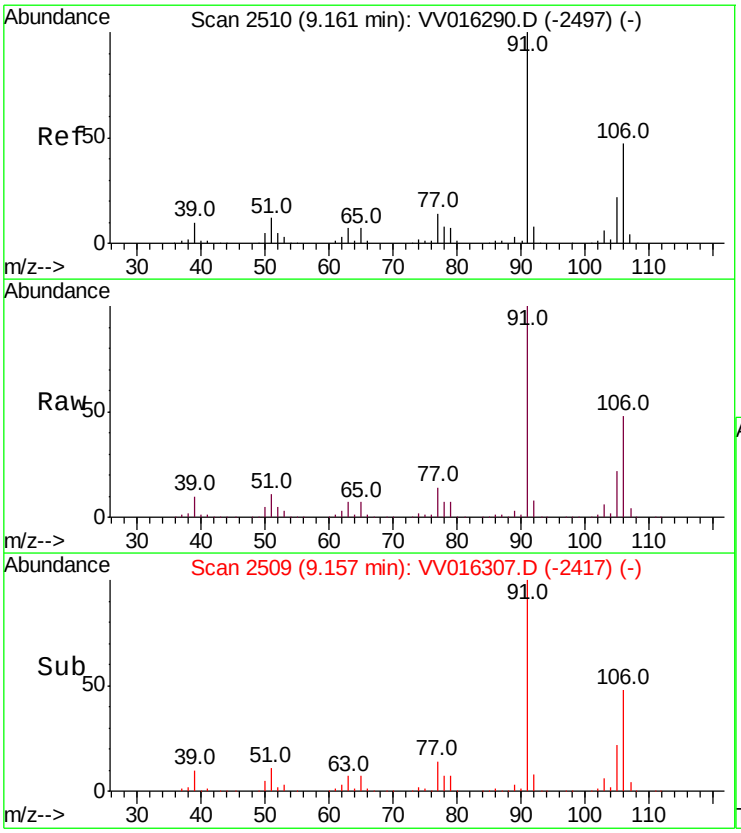
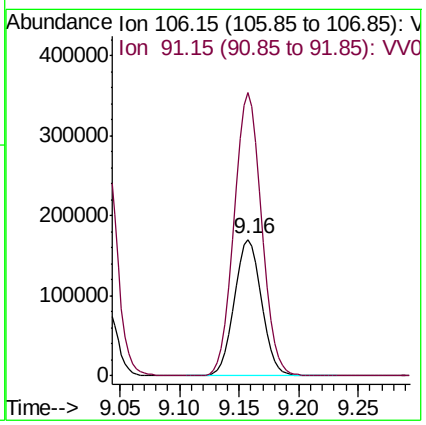
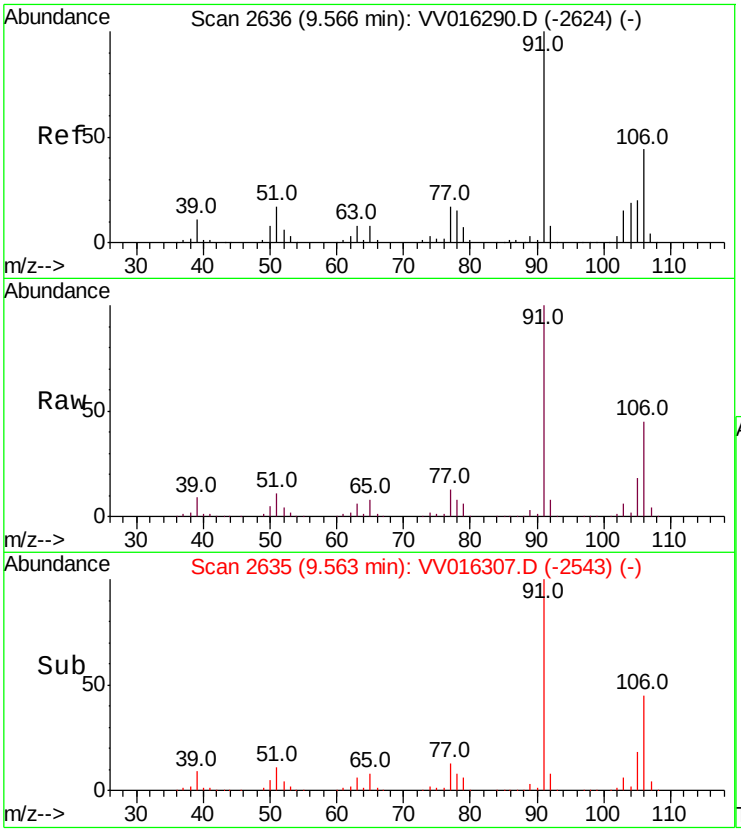


#55
m,p-xylene
Concen: 19.405 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV016307.D
Acq: 29 May 2020 04:20

Tgt Ion:106 Resp: 270991

Ion	Ratio	Lower	Upper
106	100		
91	206.9	148.1	275.0

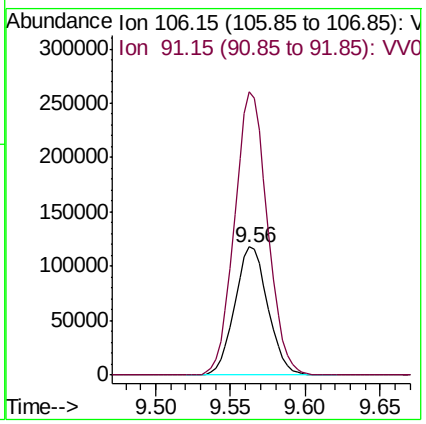




#56
o-xylene
Concen: 13.654 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. -0.00 min
Lab File: VV016307.D
Acq: 29 May 2020 04:20

Tgt Ion:106 Resp: 181711

Ion	Ratio	Lower	Upper
106	100		
91	220.9	158.8	294.8



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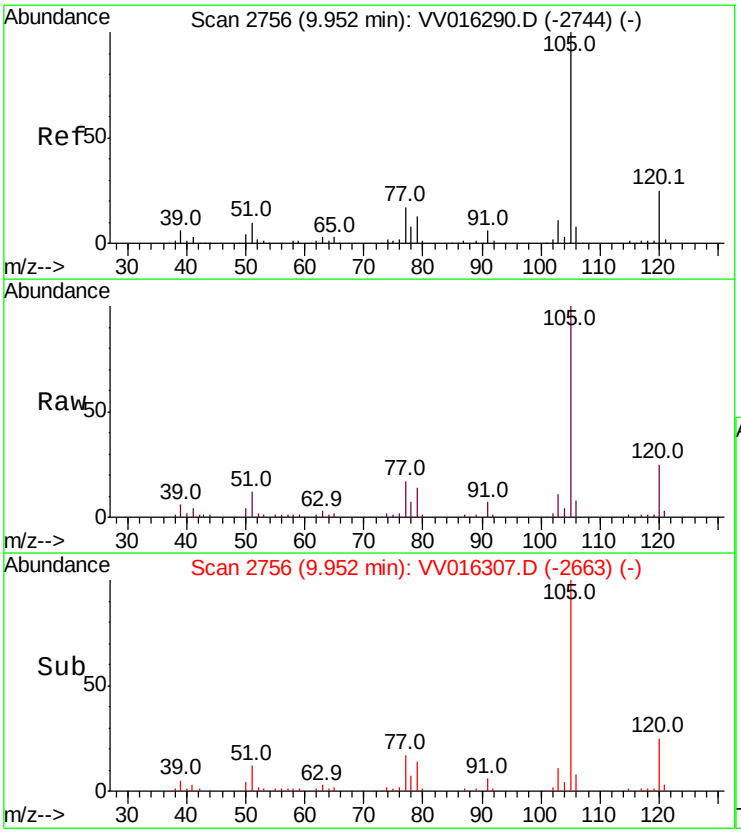

#58
Isopropylbenzene
Concen: 1.045 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VV016307.D
Acq: 29 May 2020 04:20

Tgt Ion:105 Resp: 38095

Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.9	31.3
77	17.7	13.9	20.9