Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016306.D
Acq On : 29 May 2020 03:56
Operator : SY/MD
Sample : L2662-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9B13

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Quant Time: May 29 06:28:55 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	111877	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	104455	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	53207	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	27135	3.78	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.60%			
7) Chloroethane-d5	1.58	69	19901	3.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 63.00%#			
11) 1,1-Dichloroethene-d2	2.12	63	37924	2.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.20%#			
20) 2-Butanone-d5	3.97	46	46507	26.09	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 52.18%			
24) Chloroform-d	4.38	84	57808	4.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.80%			
26) 1,2-Dichloroethane-d4	5.06	65	29643	3.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.20%			
32) Benzene-d6	5.07	84	119475	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%			
36) 1,2-Dichloropropane-d6	6.10	67	35685	4.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.20%			
41) Toluene-d8	7.34	98	108094	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.60%			
45) trans-1,3-Dichloropropene-	7.65	79	11644	3.90	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.00%			
48) 2-Hexanone-d5	8.12	63	53969	39.44	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 78.88%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23289	3.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 78.80%			
65) 1,2-Dichlorobenzene-d4	11.65	152	41014	4.62	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	10565	1.078	ug/L #	1
13) Acetone	2.23	43	9734m	8.823	ug/L	
14) Carbon disulfide	2.31	76	3081	0.151	ug/L	100
18) trans-1,2-Dichloroethene	2.77	96	1194	0.165	ug/L	92
21) 2-Butanone	4.06	43	25562	13.025	ug/L #	77
22) cis-1,2-Dichloroethene	3.93	96	22568	2.642	ug/L	88
33) Benzene	5.12	78	66796	2.222	ug/L	100
34) Trichloroethene	5.94	95	1981	0.253	ug/L	91
42) Toluene	7.41	91	118148	3.604	ug/L	99
54) Ethylbenzene	9.03	91	173424	4.746	ug/L	99
55) m,p-xylene	9.16	106	85105	6.211	ug/L	97
56) o-xylene	9.56	106	53655	4.109	ug/L	95
58) Isopropylbenzene	9.95	105	14867	0.416	ug/L	97

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

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QLast Update : Fri May 29 04:21:25 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
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Manual Integrations APPROVED
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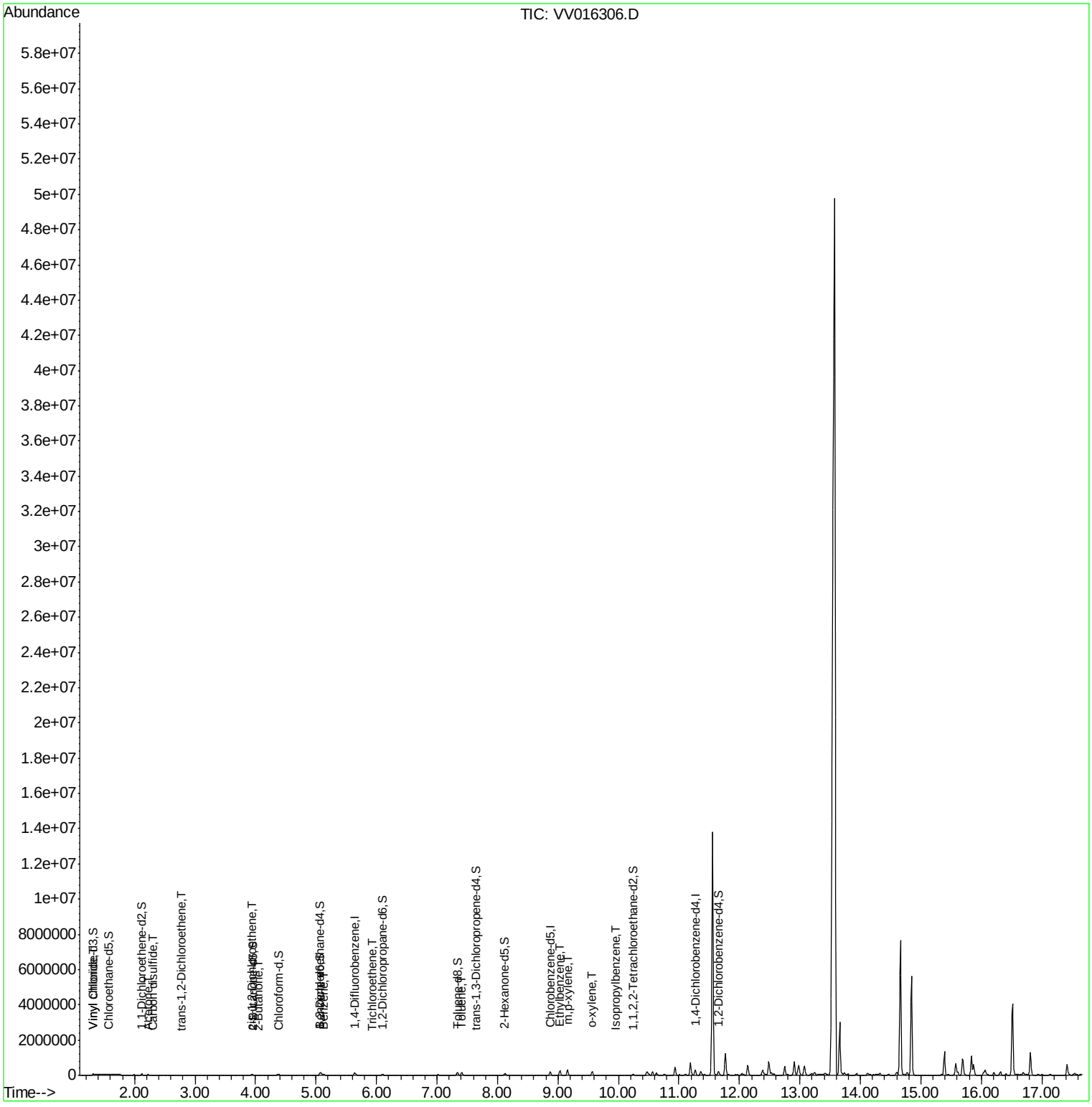

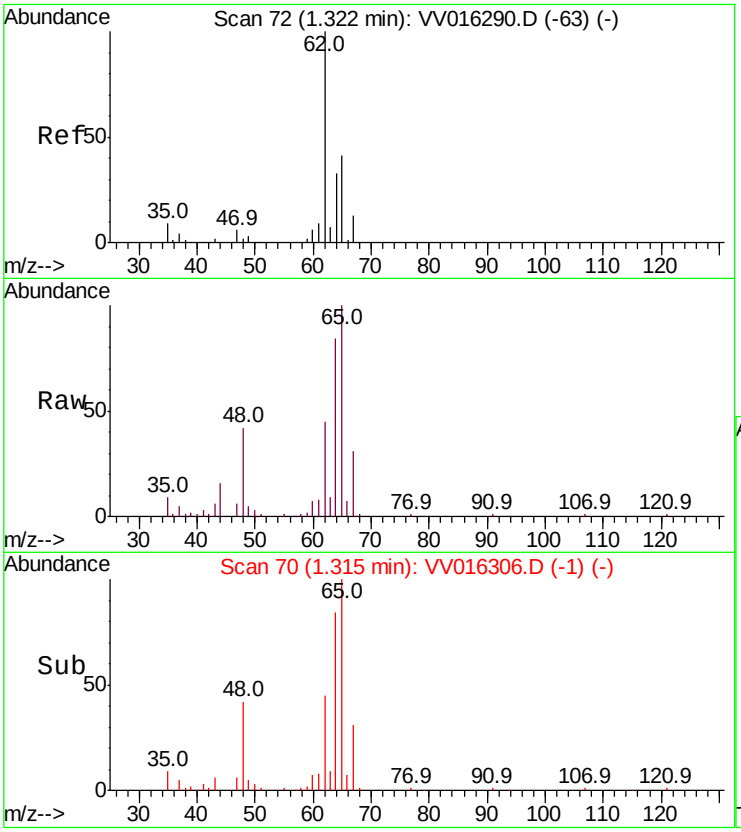

#5
Vinyl chloride
Concen: 1.078 ug/L
RT: 1.32 min Scan# 70
Delta R.T. -0.01 min
Lab File: VV016306.D
Acq: 29 May 2020 03:56

Tgt Ion: 62 Resp: 10565

Ion	Ratio	Lower	Upper
62	100		
64	187.2	22.1	41.1#

Instrument :
MSVOA_V
ClientSampleId :
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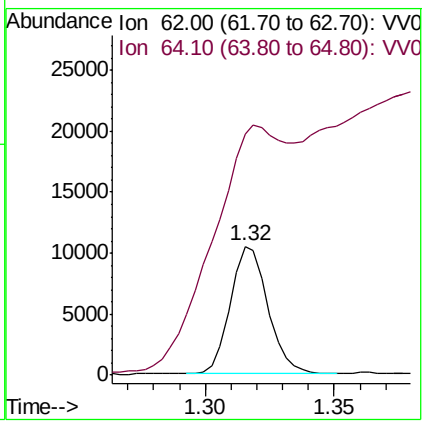
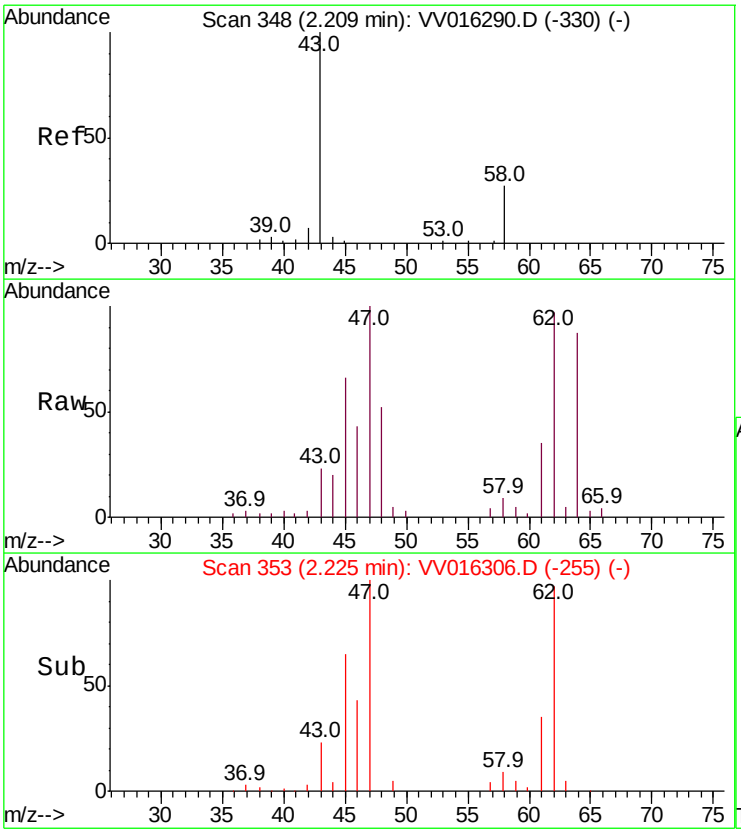
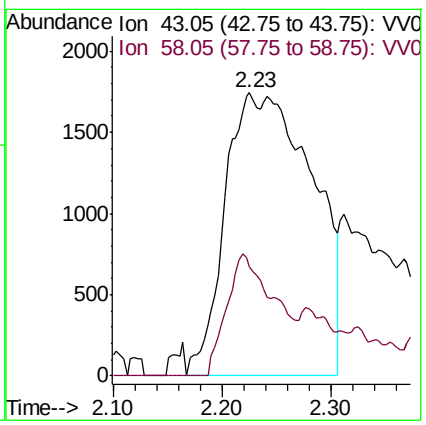


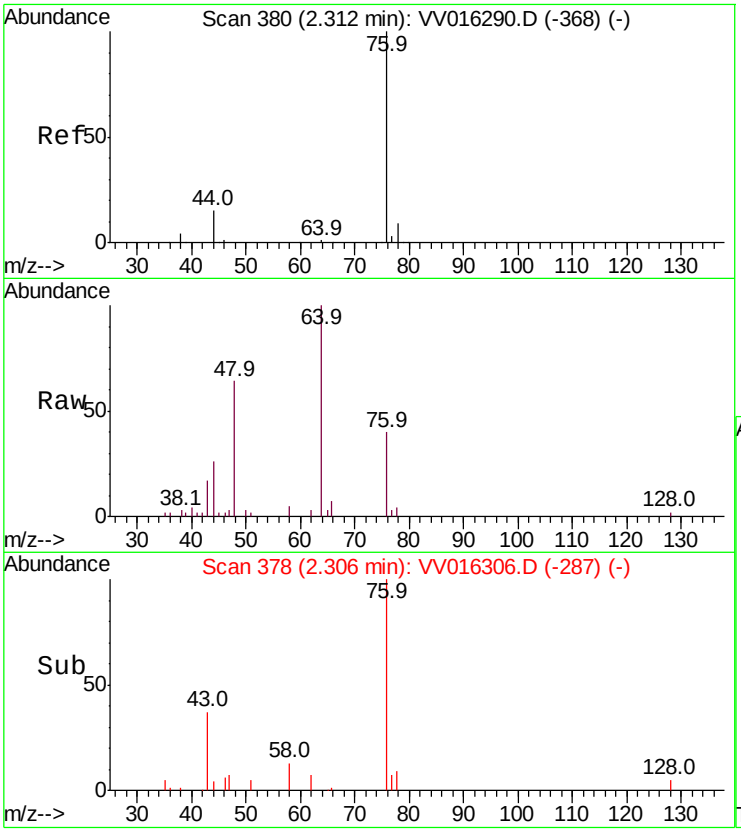


#13
Acetone
Concen: 8.823 ug/L m
RT: 2.23 min Scan# 353
Delta R.T. 0.02 min
Lab File: VV016306.D
Acq: 29 May 2020 03:56

Tgt Ion: 43 Resp: 9734

Ion	Ratio	Lower	Upper
43	100		
58	23.8	0.0	48.8

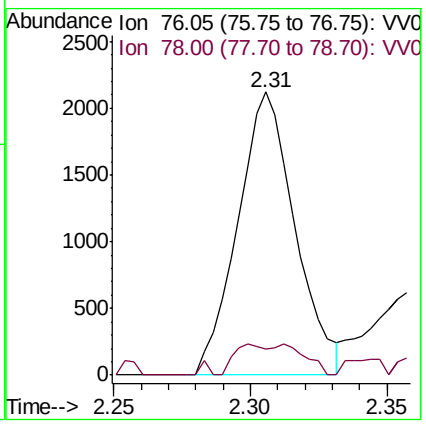




#14
Carbon disulfide
Concen: 0.151 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.01 min
Lab File: VV016306.D
Acq: 29 May 2020 03:56

Tgt Ion: 76 Resp: 3081

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0



Instrument :
MSVOA_V
ClientSampleId :
F9B13

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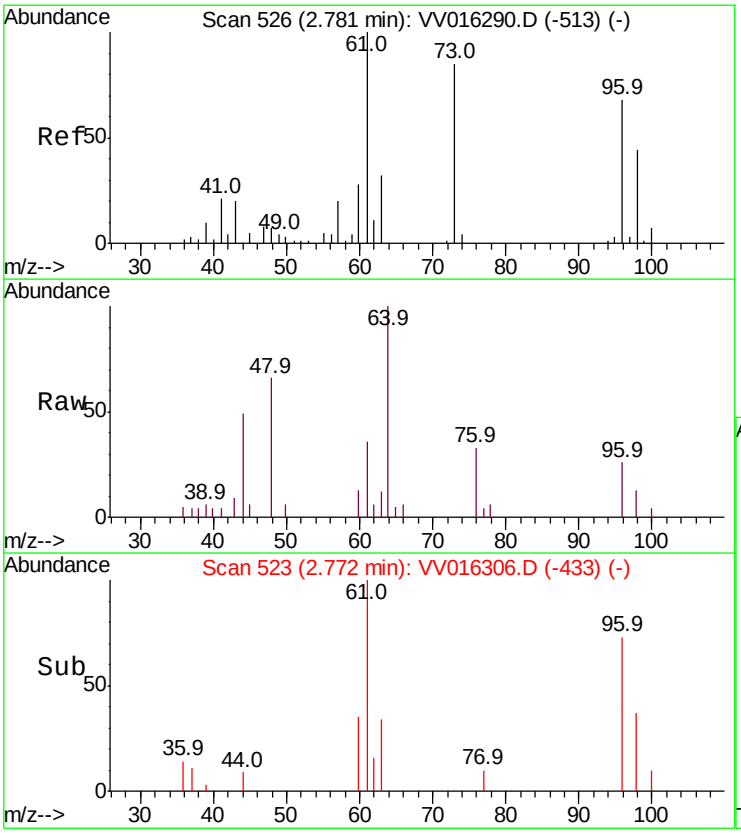
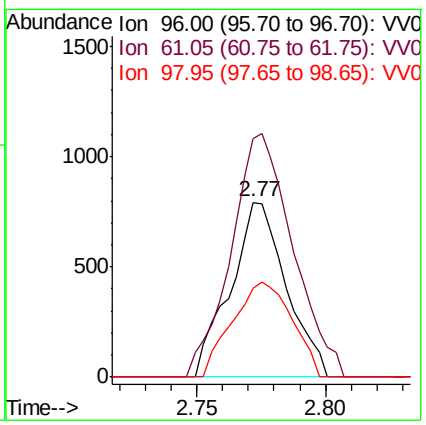
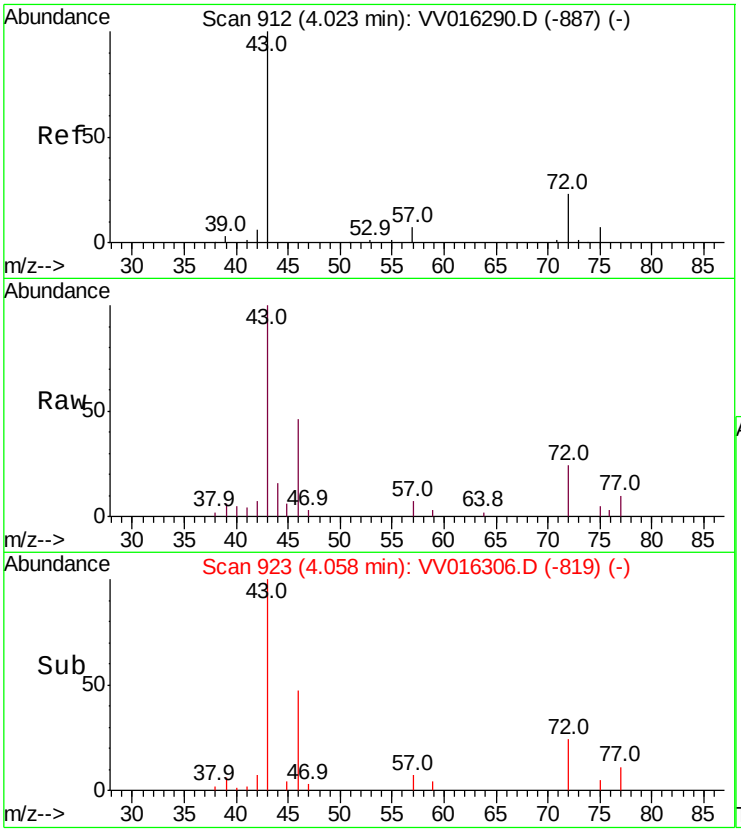


#18
trans-1,2-Dichloroethene
Concen: 0.165 ug/L
RT: 2.77 min Scan# 523
Delta R.T. -0.01 min
Lab File: VV016306.D
Acq: 29 May 2020 03:56

Tgt Ion: 96 Resp: 1194

Ion	Ratio	Lower	Upper
96	100		
61	136.5	99.8	185.4
98	50.8	44.0	81.6





#21
2-Butanone
Concen: 13.025 ug/L
RT: 4.06 min Scan# 923
Delta R.T. 0.04 min
Lab File: VV016306.D
Acq: 29 May 2020 03:56

Tgt Ion: 43 Resp: 25562

Ion	Ratio	Lower	Upper
43	100		
72	8.9	9.7	28.9#

Instrument :
MSVOA_V
ClientSampleId :
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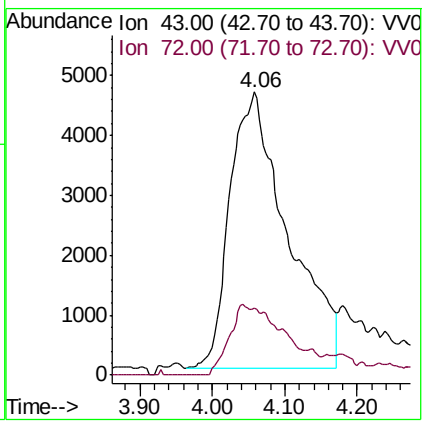
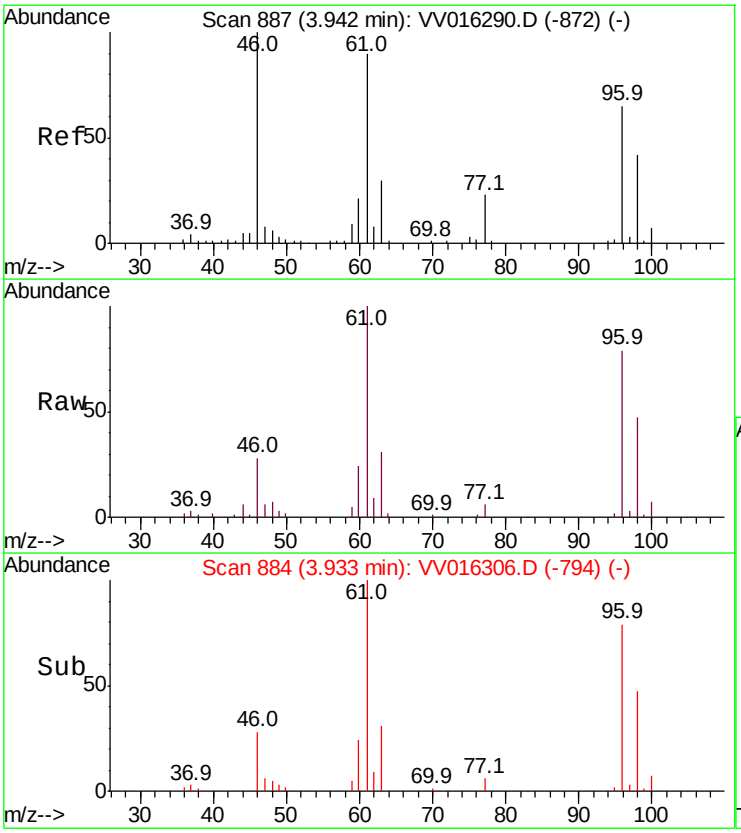
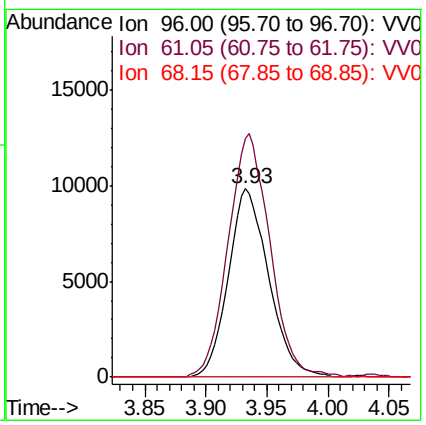


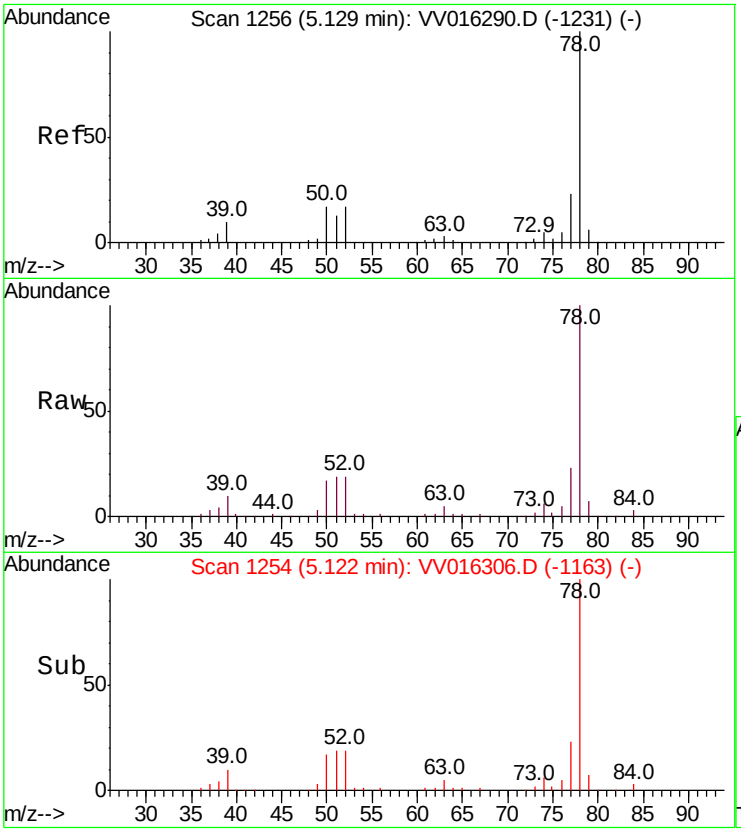


#22
cis-1,2-Dichloroethene
Concen: 2.642 ug/L
RT: 3.93 min Scan# 884
Delta R.T. -0.01 min
Lab File: VV016306.D
Acq: 29 May 2020 03:56

Tgt Ion: 96 Resp: 22568

Ion	Ratio	Lower	Upper
96	100		
61	127.1	99.7	185.1
68	0.0	0.0	0.0





#33
Benzene
Concen: 2.222 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.01 min
Lab File: VV016306.D
Acq: 29 May 2020 03:56

Tgt Ion: 78 Resp: 66796

Instrument :
MSVOA_V
ClientSampleId :
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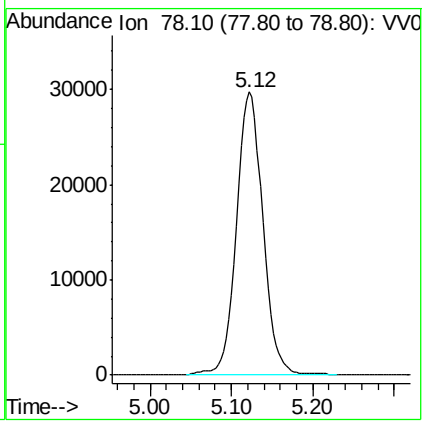
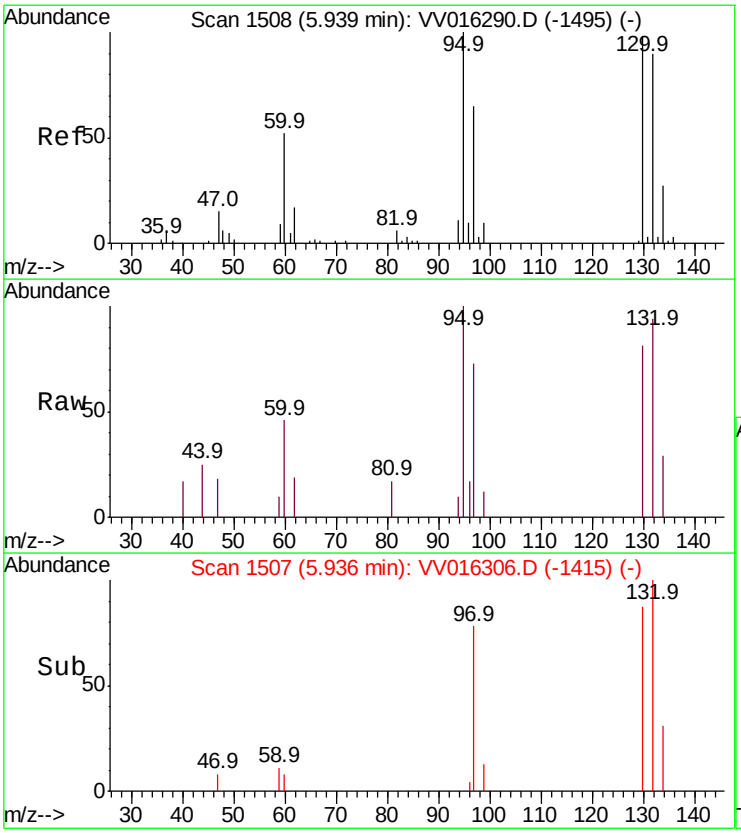
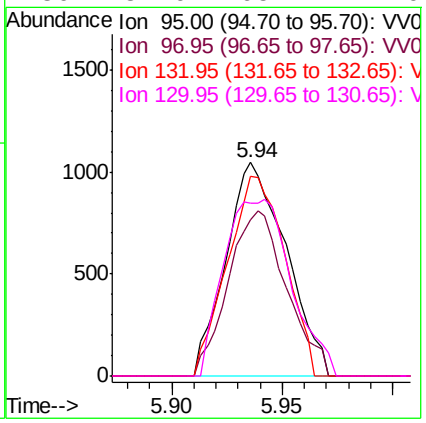


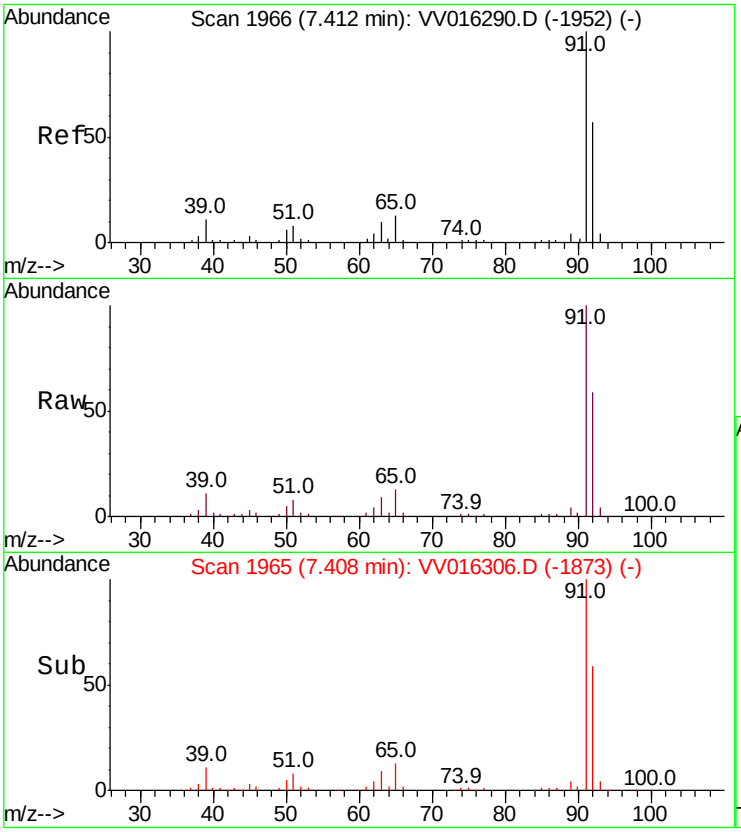


#34
Trichloroethene
Concen: 0.253 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VV016306.D
Acq: 29 May 2020 03:56

Tgt Ion: 95 Resp: 1981

Ion	Ratio	Lower	Upper
95	100		
97	72.9	43.6	81.0
132	93.6	63.9	118.7
130	81.0	65.2	121.0

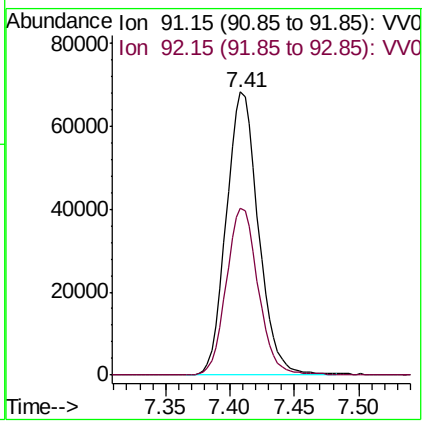




#42
Toluene
Concen: 3.604 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV016306.D
Acq: 29 May 2020 03:56

Tgt Ion: 91 Resp: 118148

Ion	Ratio	Lower	Upper
91	100		
92	59.0	40.9	76.0



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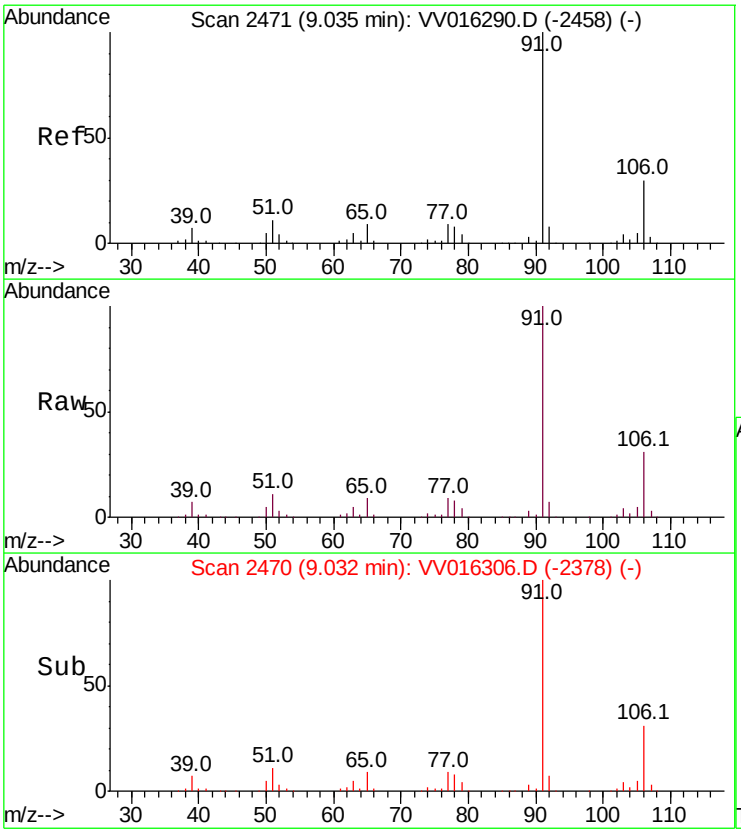
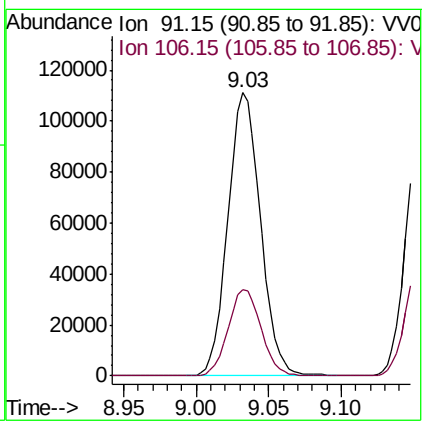
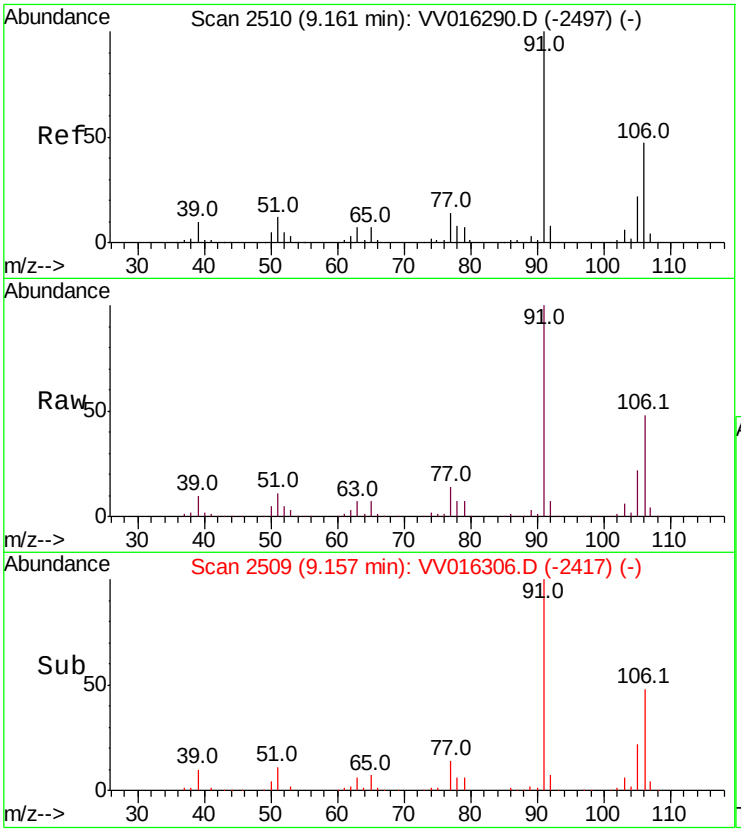


#54
Ethylbenzene
Concen: 4.746 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. -0.00 min
Lab File: VV016306.D
Acq: 29 May 2020 03:56

Tgt Ion: 91 Resp: 173424

Ion	Ratio	Lower	Upper
91	100		
106	30.6	21.0	39.0

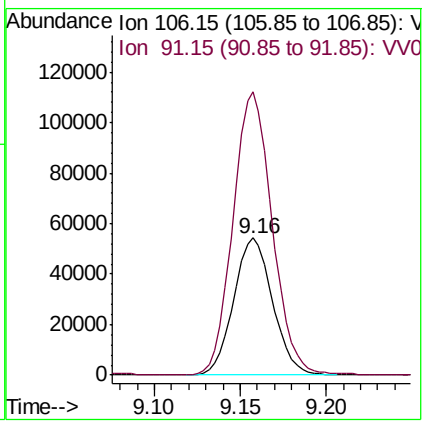




#55
m,p-xylene
Concen: 6.211 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV016306.D
Acq: 29 May 2020 03:56

Tgt Ion:106 Resp: 85105

Ion	Ratio	Lower	Upper
106	100		
91	206.5	148.1	275.0



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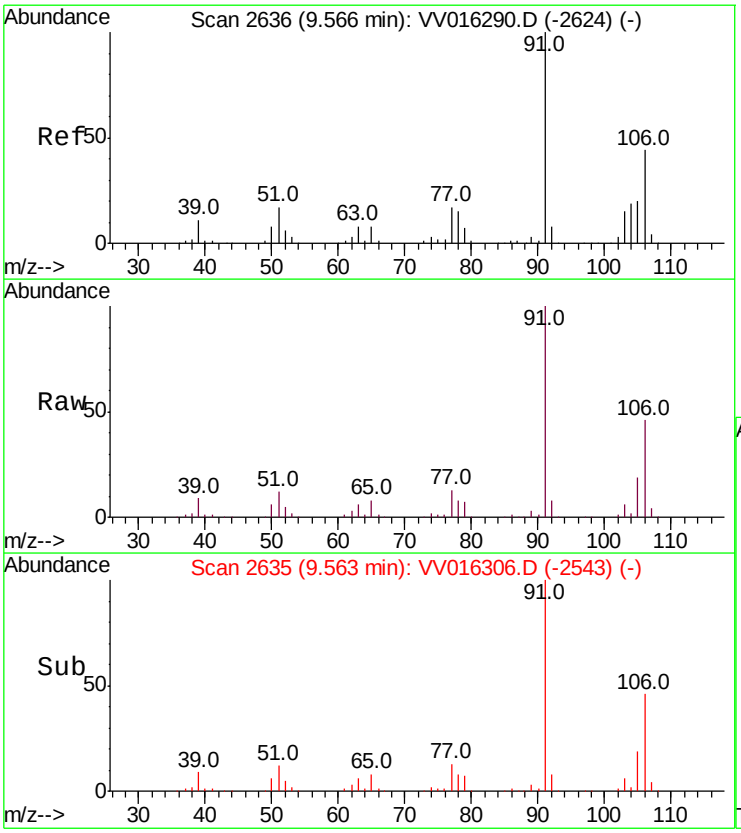
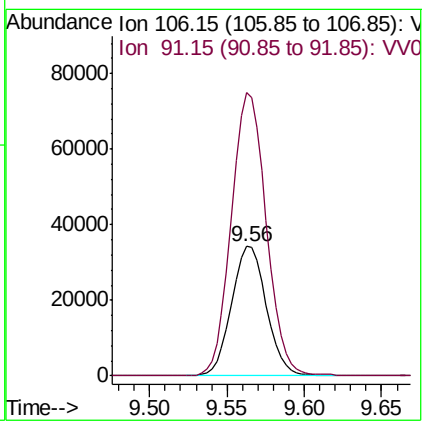
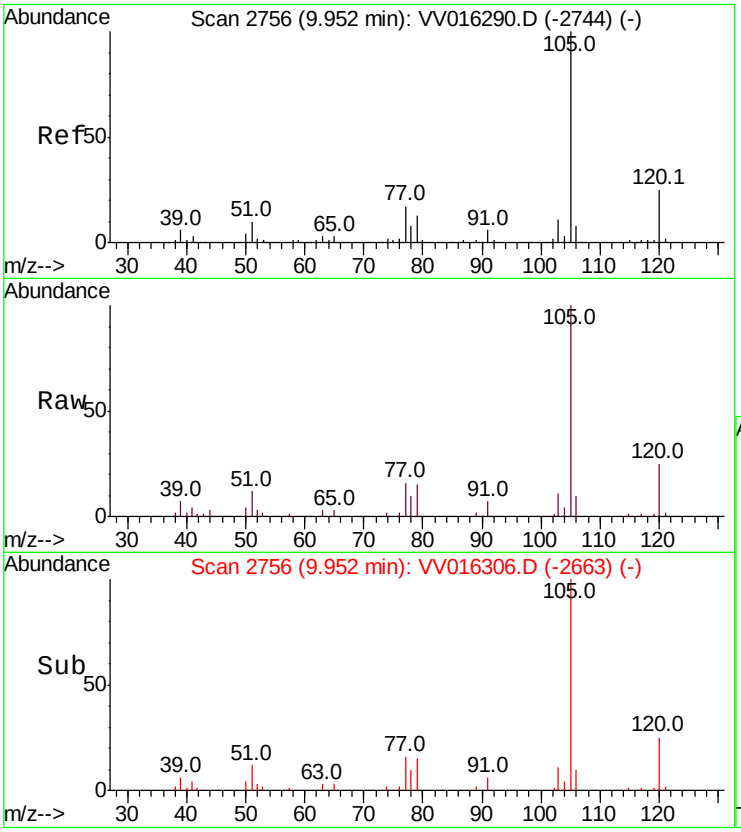


#56
o-xylene
Concen: 4.109 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. -0.00 min
Lab File: VV016306.D
Acq: 29 May 2020 03:56

Tgt Ion:106 Resp: 53655

Ion	Ratio	Lower	Upper
106	100		
91	218.9	158.8	294.8

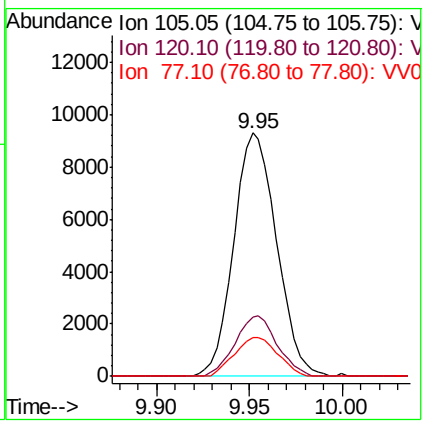




#58
Isopropylbenzene
Concen: 0.416 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VV016306.D
Acq: 29 May 2020 03:56

Tgt Ion:105 Resp: 14867

Ion	Ratio	Lower	Upper
105	100		
120	24.4	20.9	31.3
77	16.1	13.9	20.9



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