Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
Data File : VV012289.D
Acq On : 19 Aug 2019 20:51
Operator : SY/MD
Sample : K4395-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AE2

Manual Integrations APPROVED
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8/20/2019 12:41:33 PM

Quant Time: Aug 20 11:08:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 20 02:35:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	119459	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	115134	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	68992	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	24048	3.94	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.80%			
7) Chloroethane-d5	1.58	69	19207	4.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.20%			
11) 1,1-Dichloroethene-d2	2.12	63	35273	3.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.80%			
20) 2-Butanone-d5	3.97	46	59978m	36.44	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 72.88%			
24) Chloroform-d	4.40	84	73303	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.80%			
26) 1,2-Dichloroethane-d4	5.08	65	39378	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
32) Benzene-d6	5.09	84	137946	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
36) 1,2-Dichloropropane-d6	6.12	67	40413	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.80%			
41) Toluene-d8	7.36	98	132848	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
43) trans-1,3-Dichloropropene-	7.66	79	16913	4.57	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.40%			
46) 2-Hexanone-d5	8.14	63	66017	56.57	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.14%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	31481	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	61573	4.44	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.80%			
Target Compounds						Qvalue
14) Carbon disulfide	2.31	76	60680	3.987	ug/L	97
15) Methyl Acetate	2.47	43	33164	19.426	ug/L	93
17) Methyl tert-butyl Ether	2.81	73	9930	0.568	ug/L #	67
21) 2-Butanone	4.05	43	42457	25.993	ug/L	96
33) Benzene	5.14	78	351629	11.041	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	10816	2.764	ug/L #	86
42) Toluene	7.43	91	356900	10.125	ug/L	98
52) Ethylbenzene	9.05	91	1082385	27.444	ug/L	99
53) m,p-xylene	9.18	106	370923	24.091	ug/L	97
54) o-xylene	9.59	106	254403	17.179	ug/L	99
56) Isopropylbenzene	9.97	105	148944	3.644	ug/L	99

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

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Instrument :
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ClientSampleId :
C0AE2

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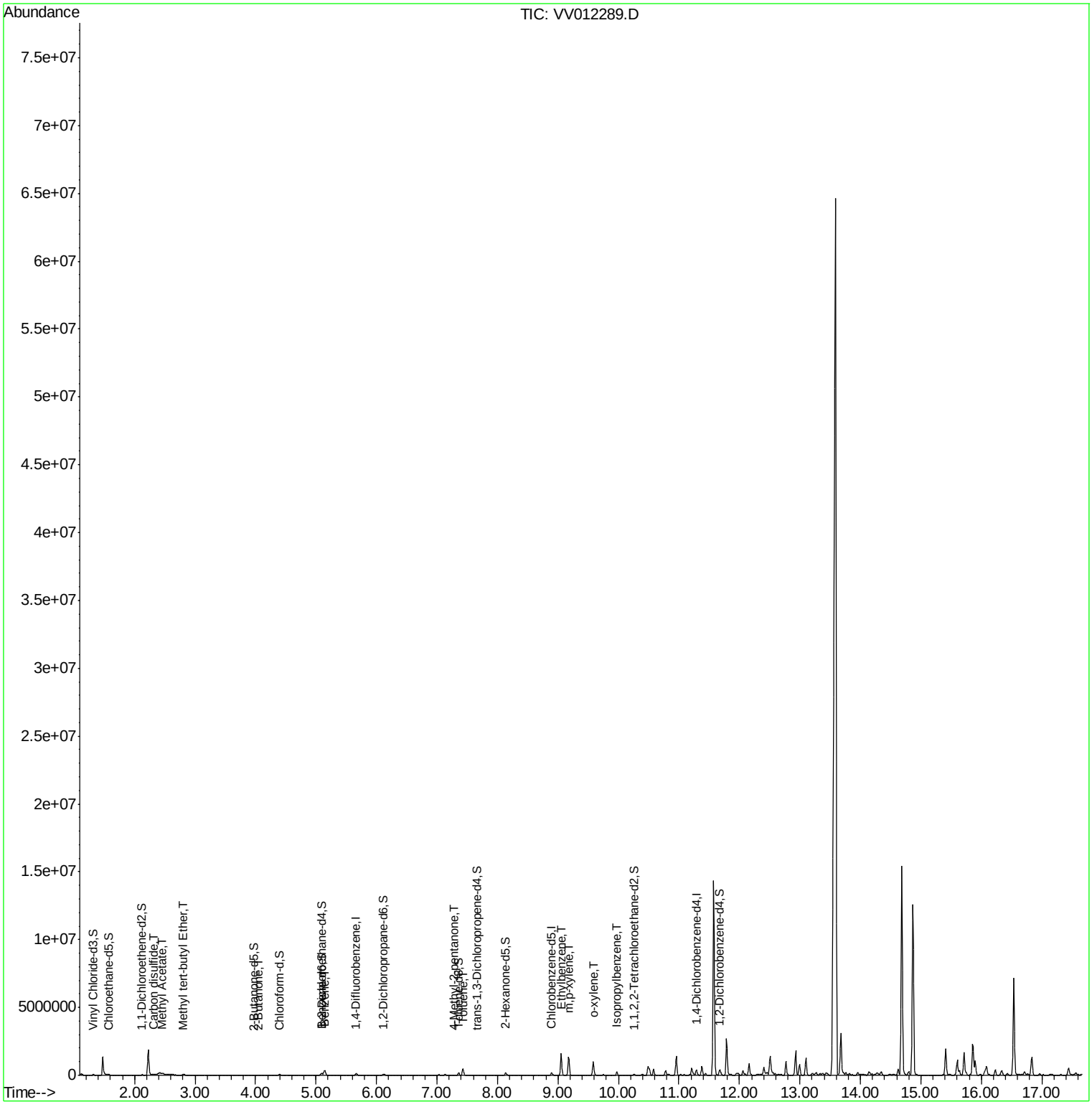
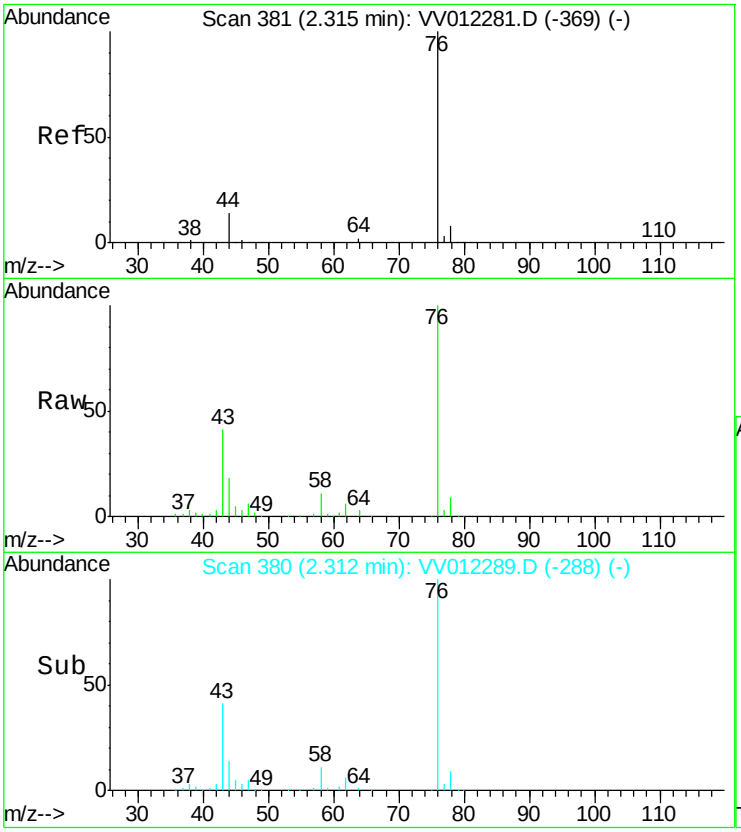
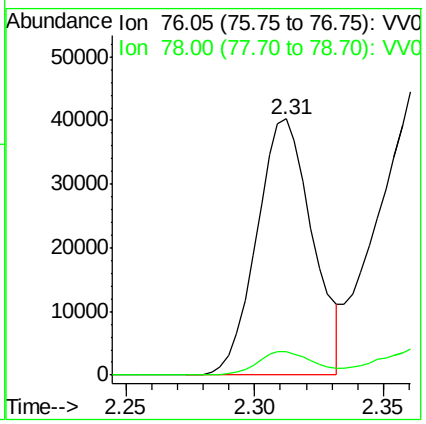




#14
Carbon disulfide
Concen: 3.987 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.00 min
Lab File: VV012289.D
Acq: 19 Aug 2019 20:51

Tgt Ion: 76 Resp: 60680

Ion	Ratio	Lower	Upper
76	100		
78	9.2	8.3	12.5



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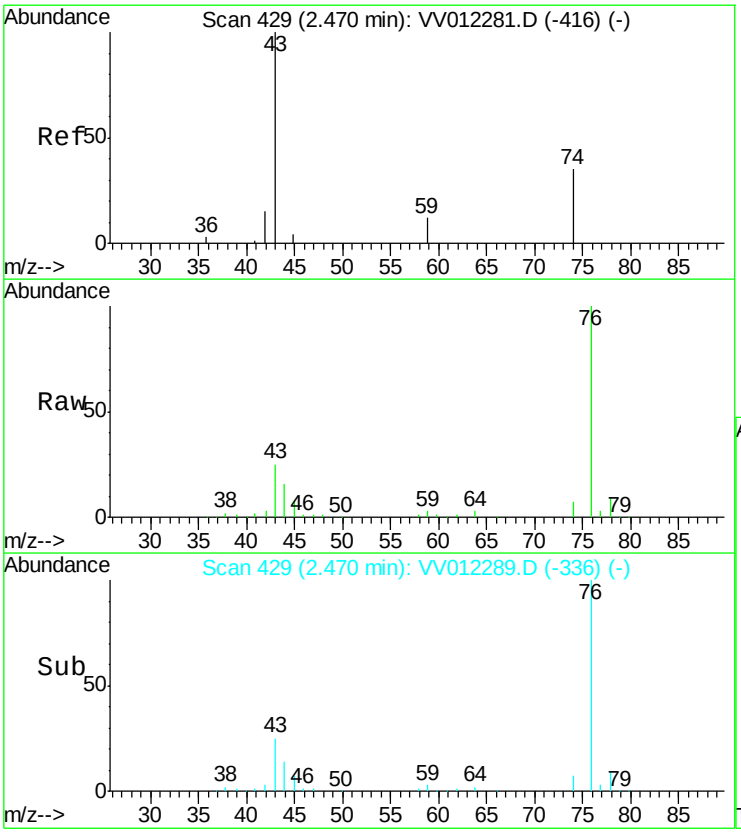
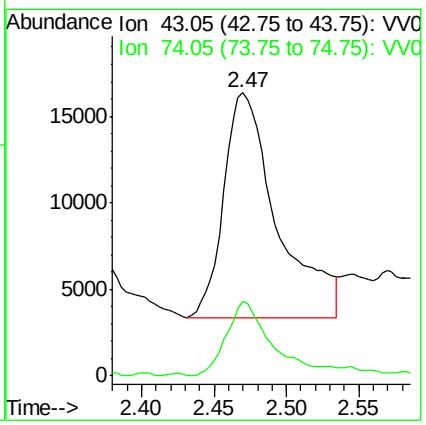
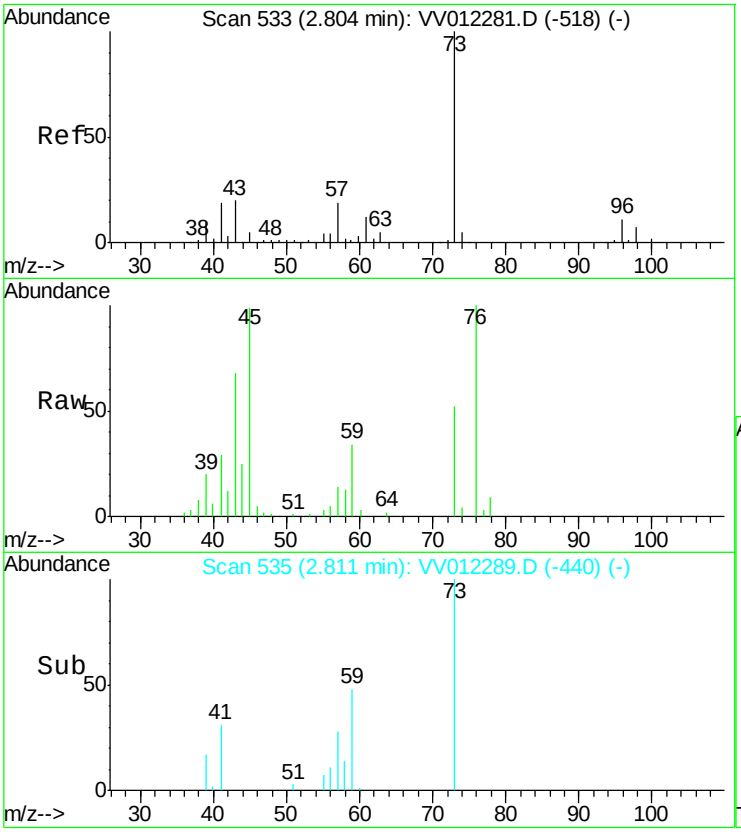


#15
Methyl Acetate
Concen: 19.426 ug/L
RT: 2.47 min Scan# 429
Delta R.T. 0.00 min
Lab File: VV012289.D
Acq: 19 Aug 2019 20:51

Tgt Ion: 43 Resp: 33164

Ion	Ratio	Lower	Upper
43	100		
74	27.0	24.9	37.3

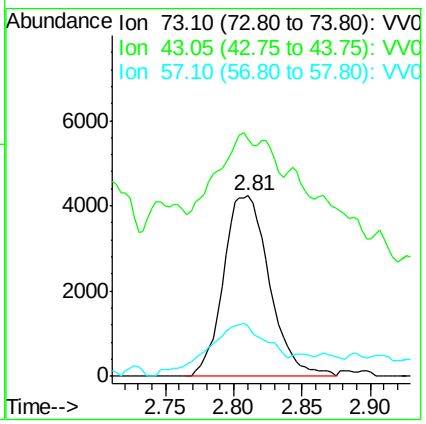




#17
Methyl tert-butyl Ether
Concen: 0.568 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.01 min
Lab File: VV012289.D
Acq: 19 Aug 2019 20:51

Tgt Ion: 73 Resp: 9930

Ion	Ratio	Lower	Upper
73	100		
43	32.5	17.0	25.4#
57	39.6	15.8	23.6#



Instrument :
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ClientSampleId :
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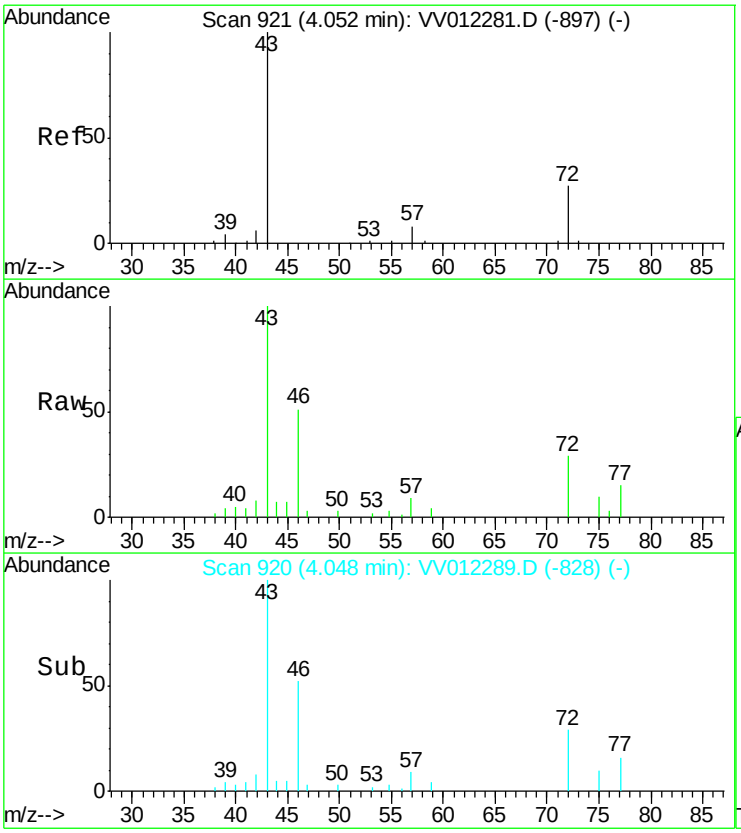
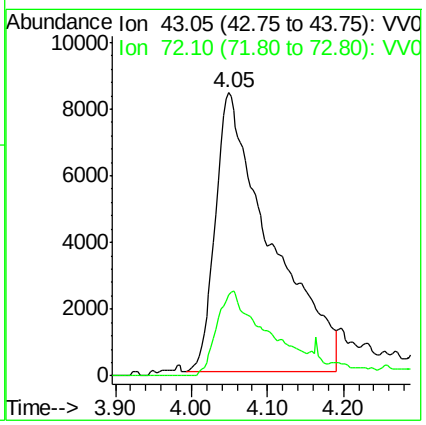
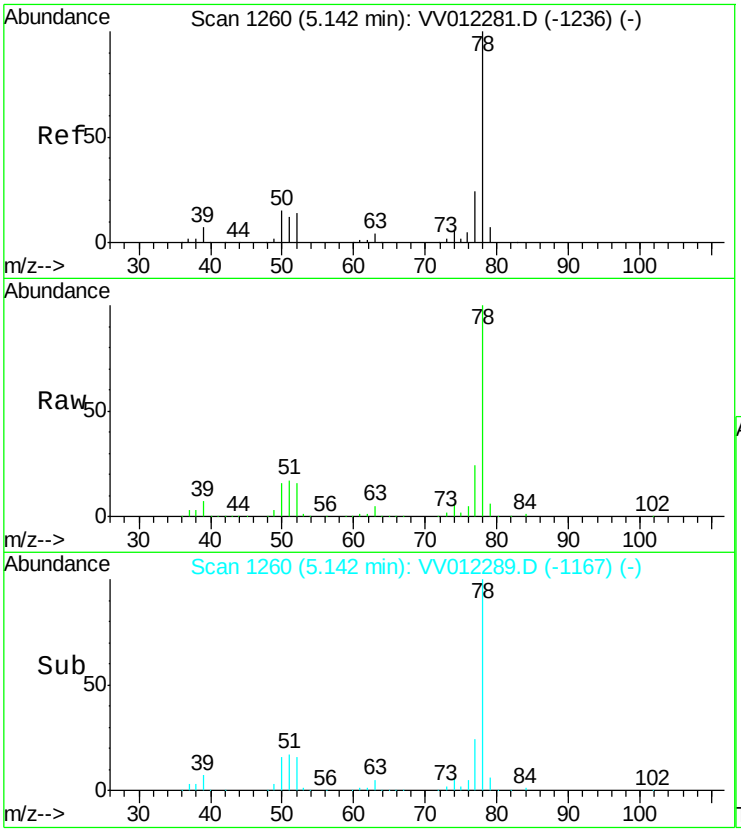


#21
2-Butanone
Concen: 25.993 ug/L
RT: 4.05 min Scan# 920
Delta R.T. -0.00 min
Lab File: VV012289.D
Acq: 19 Aug 2019 20:51

Tgt Ion: 43 Resp: 42457

Ion	Ratio	Lower	Upper
43	100		
72	27.3	14.8	44.4





#33
Benzene
Concen: 11.041 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VV012289.D
Acq: 19 Aug 2019 20:51

Tgt Ion: 78 Resp: 351629

Instrument :
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ClientSampleId :
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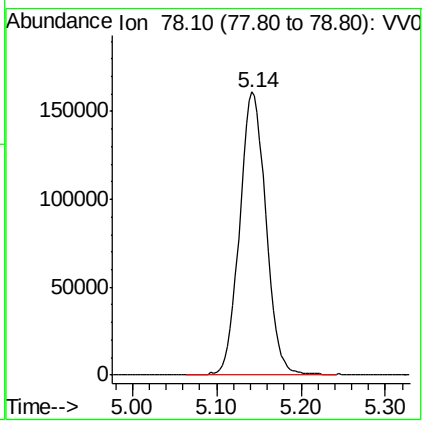
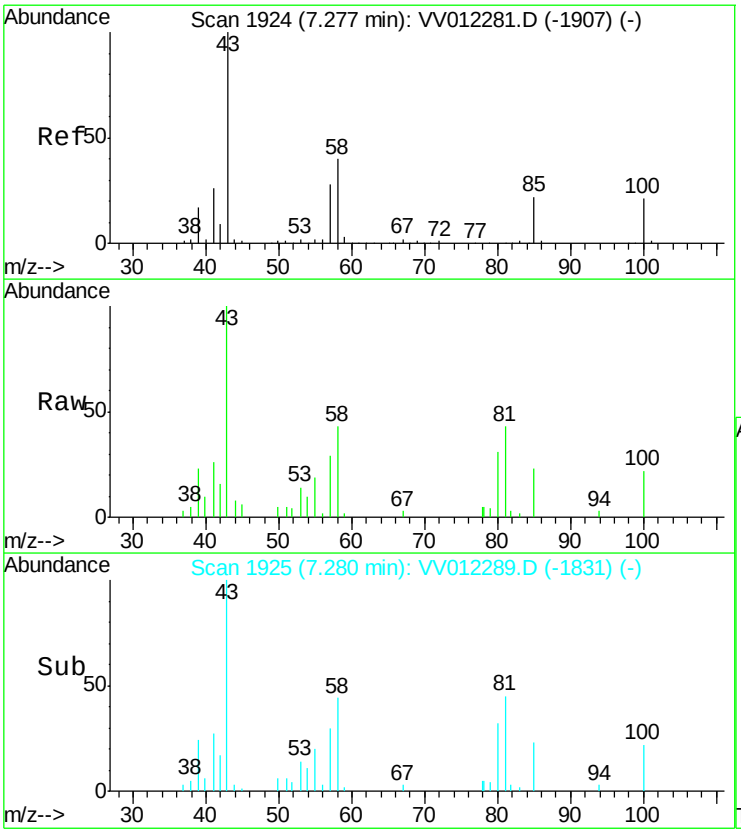
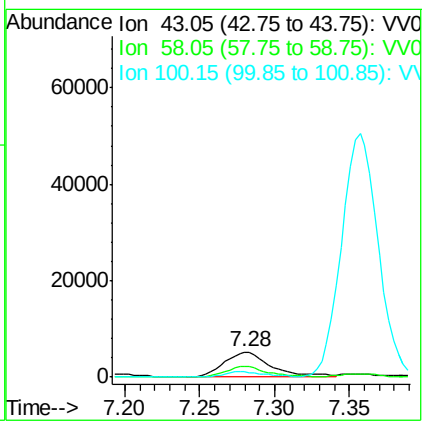


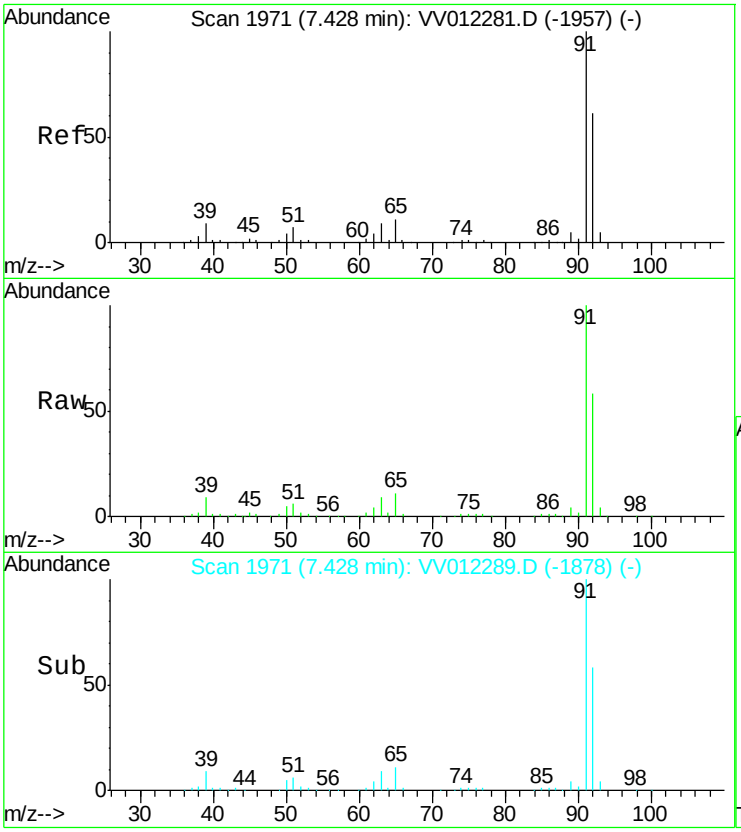


#40
4-Methyl-2-pentanone
Concen: 2.764 ug/L
RT: 7.28 min Scan# 1925
Delta R.T. 0.00 min
Lab File: VV012289.D
Acq: 19 Aug 2019 20:51

Tgt Ion: 43 Resp: 10816

Ion	Ratio	Lower	Upper
43	100		
58	39.7	32.1	48.1
100	0.0	15.2	22.8#

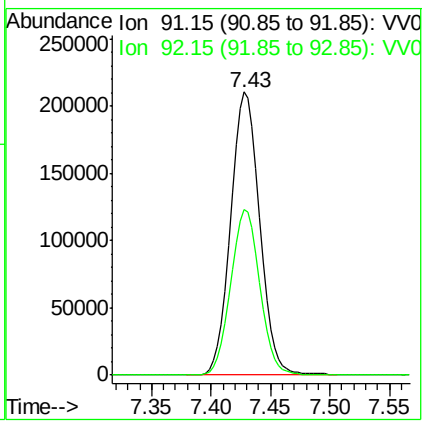




#42
Toluene
Concen: 10.125 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV012289.D
Acq: 19 Aug 2019 20:51

Tgt Ion: 91 Resp: 356900

Ion	Ratio	Lower	Upper
91	100		
92	58.3	41.6	77.3



Instrument :
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ClientSampleId :
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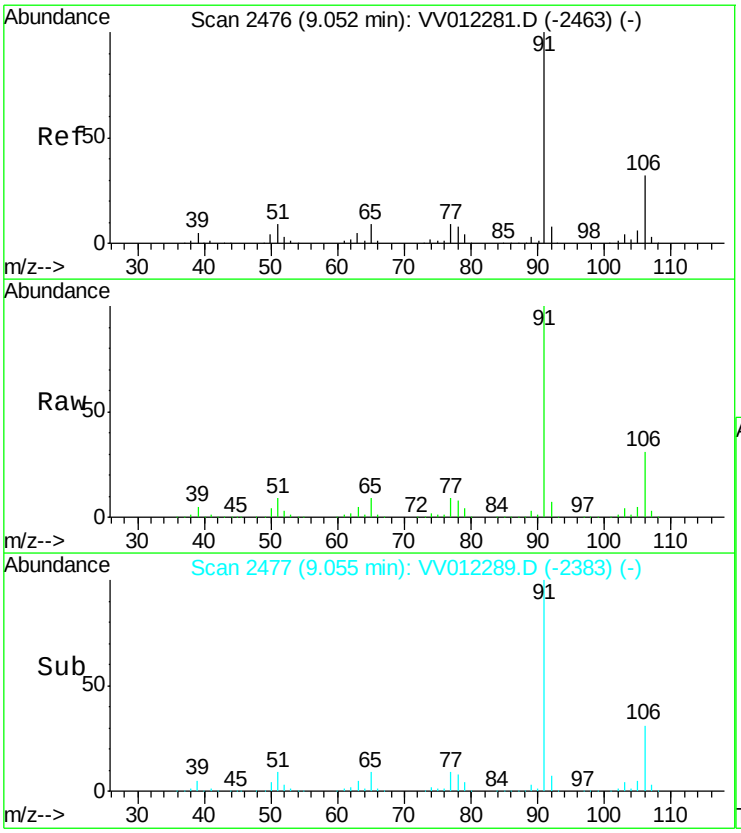
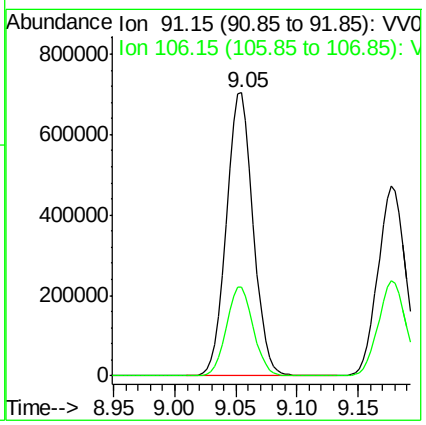
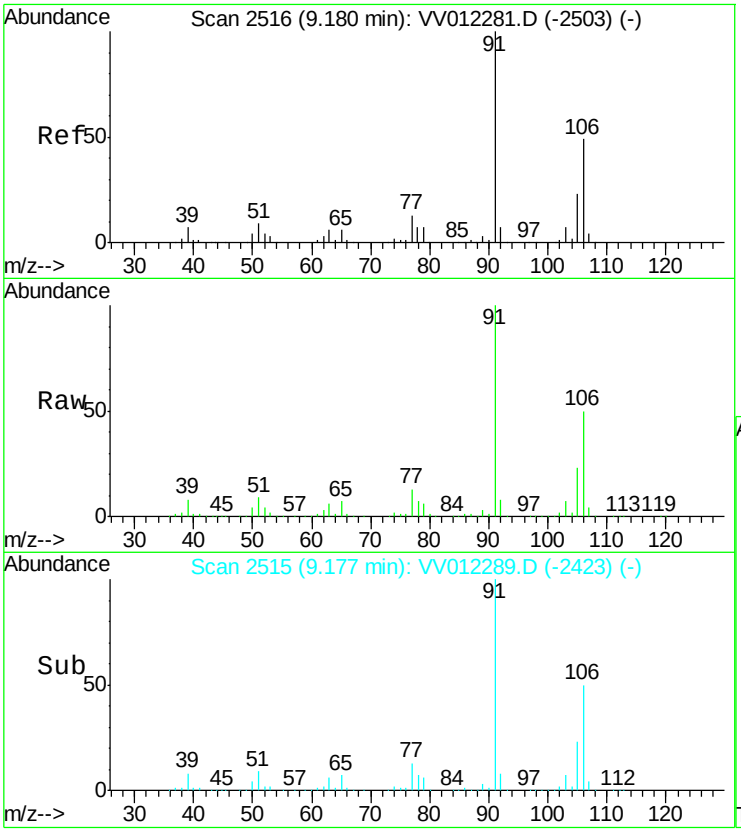


#52
Ethylbenzene
Concen: 27.444 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV012289.D
Acq: 19 Aug 2019 20:51

Tgt Ion: 91 Resp: 1082385

Ion	Ratio	Lower	Upper
91	100		
106	31.2	21.6	40.0

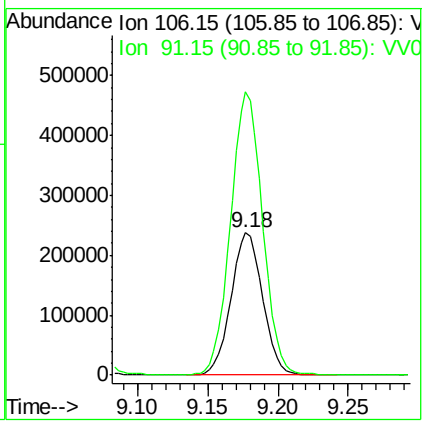




#53
m,p-xylene
Concen: 24.091 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. -0.00 min
Lab File: VV012289.D
Acq: 19 Aug 2019 20:51

Tgt Ion:106 Resp: 370923

Ion	Ratio	Lower	Upper
106	100		
91	199.2	136.0	252.6



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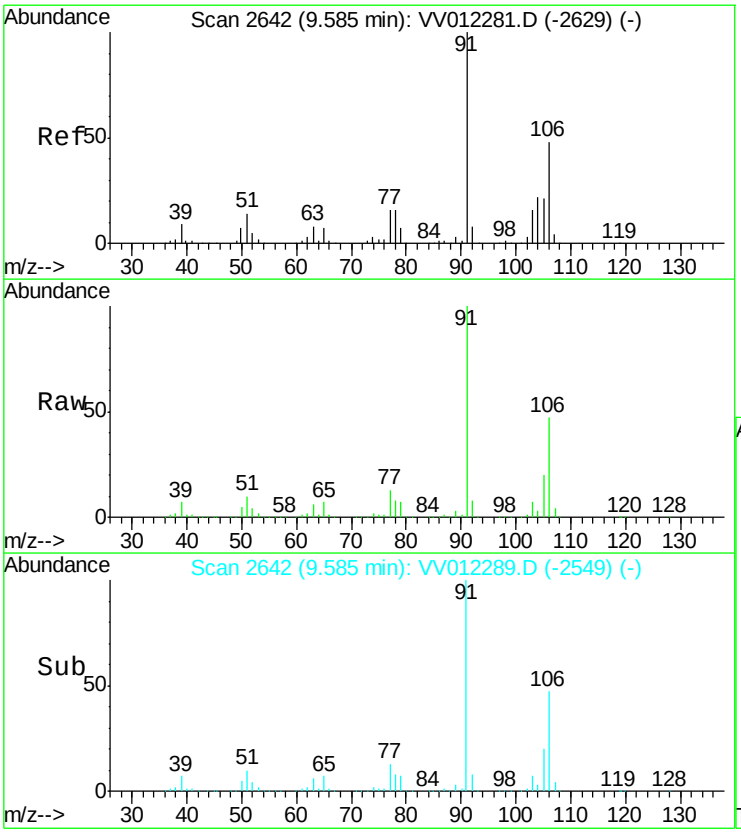
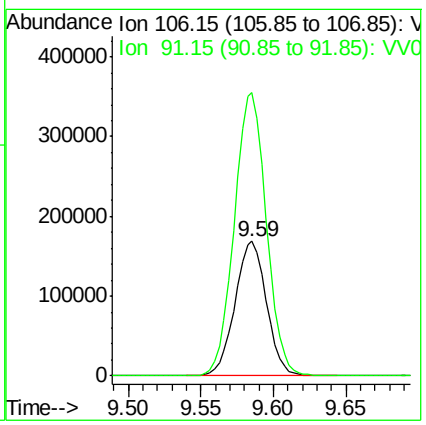
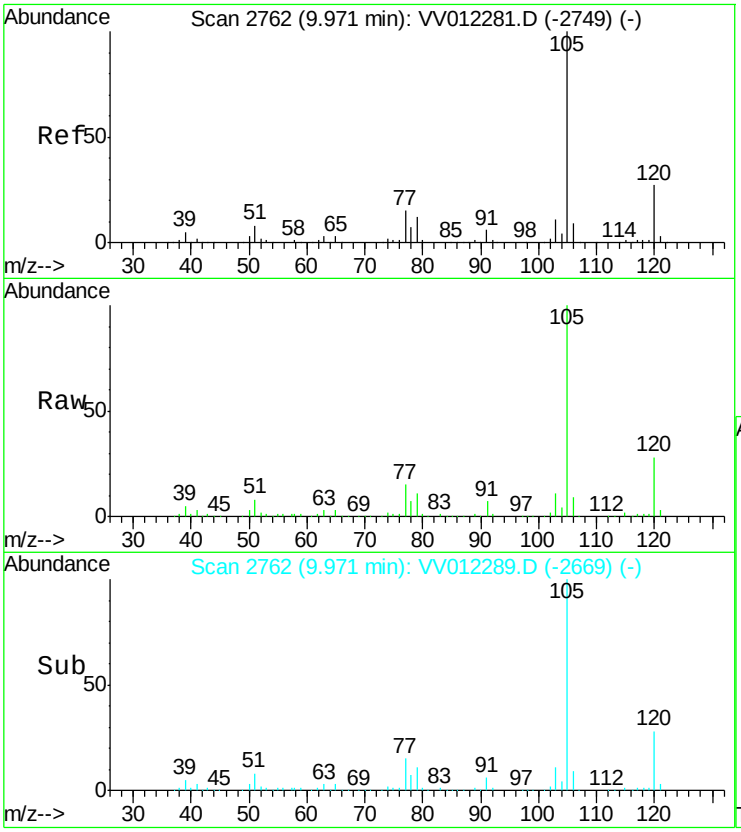


#54
o-xylene
Concen: 17.179 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. -0.00 min
Lab File: VV012289.D
Acq: 19 Aug 2019 20:51

Tgt Ion:106 Resp: 254403

Ion	Ratio	Lower	Upper
106	100		
91	210.7	148.7	276.1

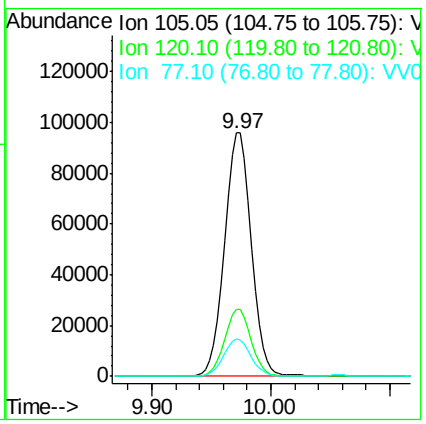




#56
Isopropylbenzene
Concen: 3.644 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. 0.00 min
Lab File: VV012289.D
Acq: 19 Aug 2019 20:51

Tgt Ion:105 Resp: 148944

Ion	Ratio	Lower	Upper
105	100		
120	27.4	21.4	32.0
77	15.7	12.2	18.2



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