Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071819\
Data File : VU033308.D
Acq On : 18 Jul 2019 10:57
Operator : JC/SP
Sample : K3828-02MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAMR0MS

Manual Integrations APPROVED
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7/19/2019 10:56:31 AM

Quant Time: Jul 19 02:18:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 01:43:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	329028	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	331307	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	165583	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	50864	20.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 40.84%#			
7) Chloroethane-d5	1.67	69	56164	26.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 52.80%#			
11) 1,1-Dichloroethene-d2	2.26	63	119168	26.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 52.76%#			
21) 2-Butanone-d5	4.15	46	173419	109.89	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.89%			
24) Chloroform-d	4.62	84	152834	36.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 73.22%			
26) 1,2-Dichloroethane-d4	5.29	65	101685	37.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 75.96%			
32) Benzene-d6	5.32	84	239765	29.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 59.00%#			
36) 1,2-Dichloropropane-d6	6.31	67	96905	37.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 74.44%			
41) Toluene-d8	7.55	98	209103	27.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 54.56%#			
43) trans-1,3-Dichloropropene-	7.83	79	50132	39.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.54%			
47) 2-Hexanone-d5	8.29	63	129781	110.57	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.57%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	193760	49.17	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.34%			
64) 1,2-Dichlorobenzene-d4	11.85	152	143621	48.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.28%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.27	96	100281	45.662	ug/L #	78
13) Acetone	2.31	43	23815	12.078	ug/L	98
16) Methylene chloride	2.68	84	3880	1.547	ug/L #	68
22) 2-Butanone	4.25	43	5498m	2.510	ug/L	
29) Cyclohexane	4.97	56	55543	15.385	ug/L	94
33) Benzene	5.37	78	465698	48.200	ug/L	100
34) Trichloroethene	6.16	95	119963	47.476	ug/L	98
35) Methylcyclohexane	6.39	83	85548	22.101	ug/L	92
42) Toluene	7.62	91	514456	49.389	ug/L	100
51) Chlorobenzene	9.10	112	330252	48.574	ug/L	99
52) Ethylbenzene	9.23	91	172597	15.485	ug/L	99
53) m,p-Xylene	9.36	106	103743	24.573	ug/L	97
56) Isopropylbenzene	10.15	105	59691	5.533	ug/L	98

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

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Acq On : 18 Jul 2019 10:57
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Sample : K3828-02MS
Misc : 5.0mL/MSVOA_U/WATER
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 01:43:14 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GAMR0MS

Manual Integrations APPROVED
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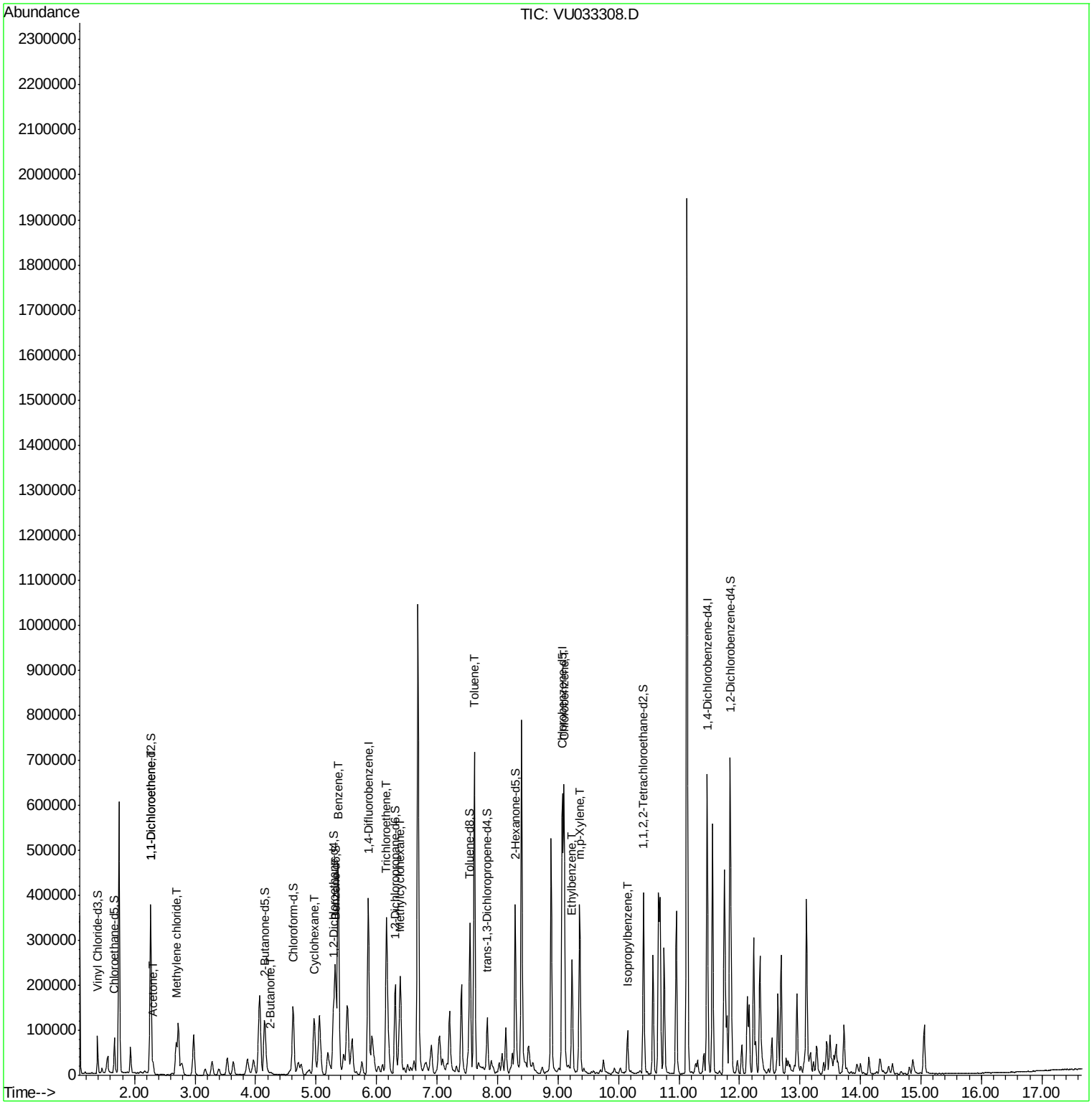
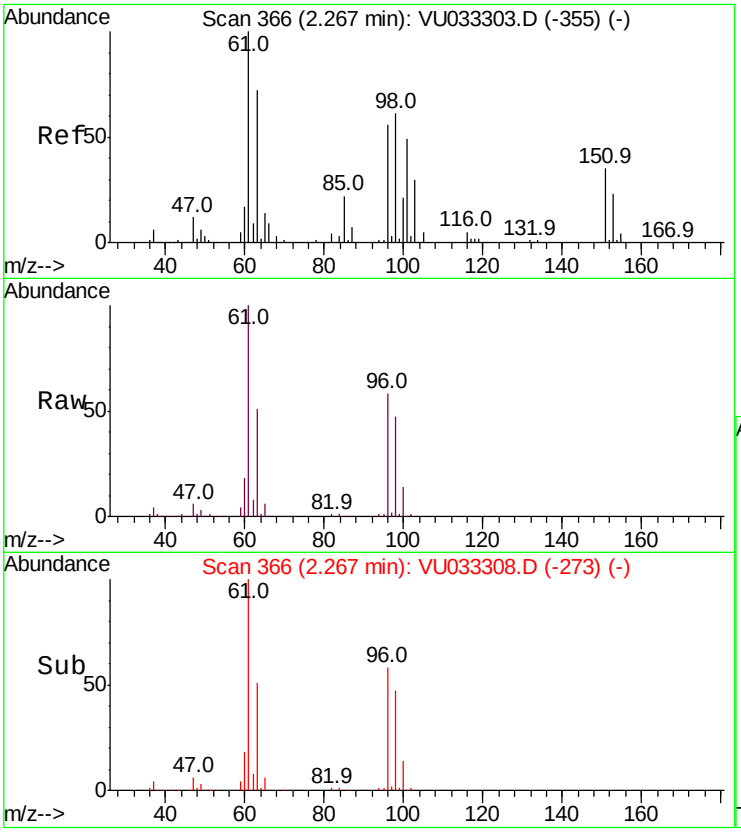
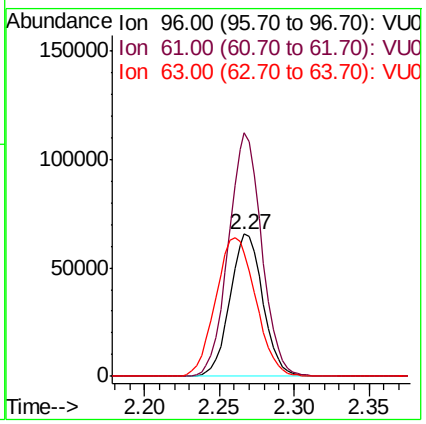




#12
1,1-Dichloroethene
Concen: 45.662 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.00 min
Lab File: VU033308.D
Acq: 18 Jul 2019 10:57

Tgt Ion: 96 Resp: 100281

Ion	Ratio	Lower	Upper
96	100		
61	171.2	126.1	234.1
63	87.0	96.8	179.8#



Instrument :
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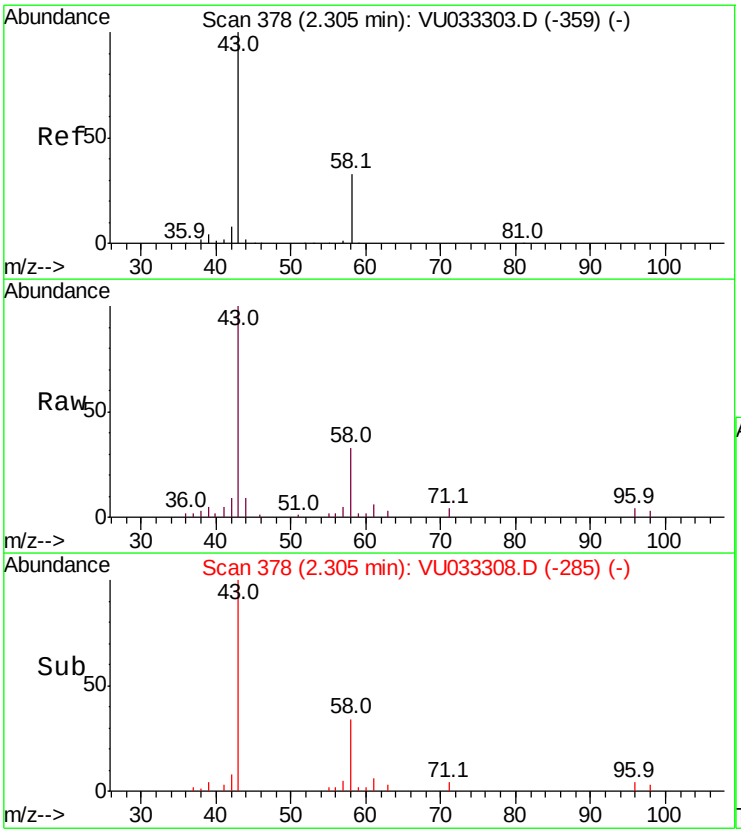
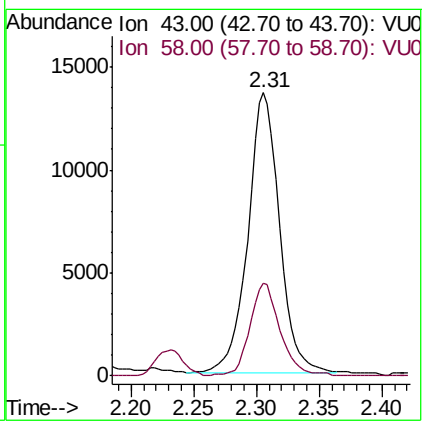
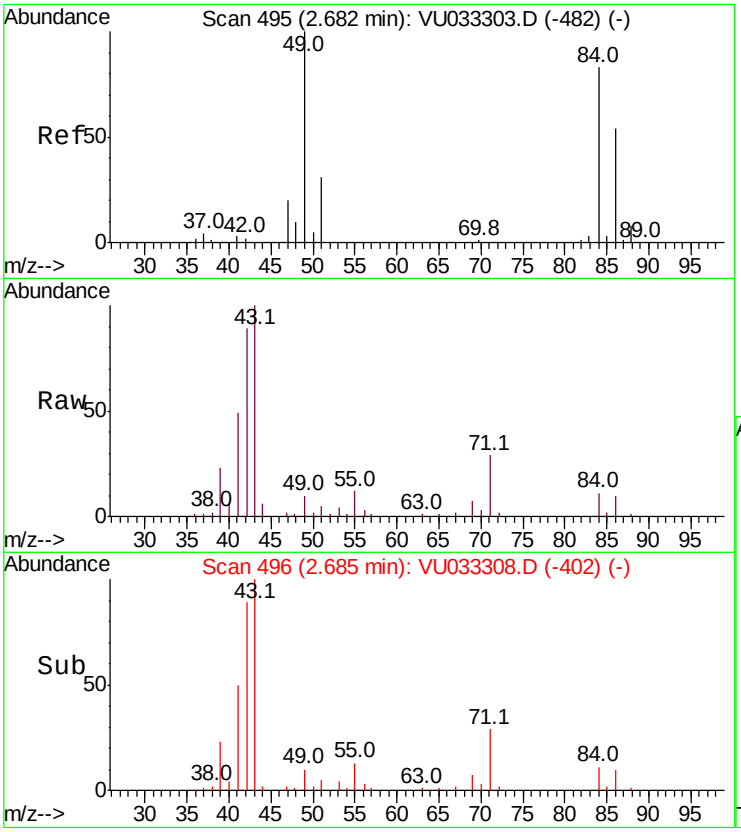


#13
Acetone
Concen: 12.078 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.00 min
Lab File: VU033308.D
Acq: 18 Jul 2019 10:57

Tgt Ion: 43 Resp: 23815

Ion	Ratio	Lower	Upper
43	100		
58	31.6	0.0	65.4

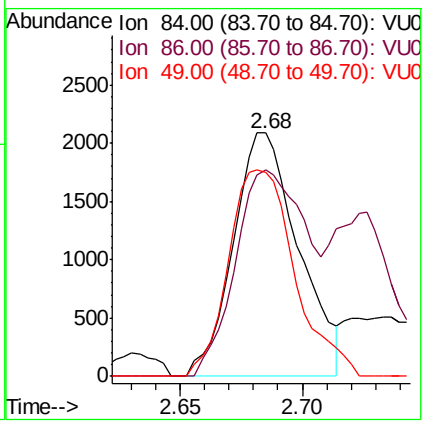




#16
Methylene chloride
Concen: 1.547 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU033308.D
Acq: 18 Jul 2019 10:57

Tgt Ion: 84 Resp: 3880

Ion	Ratio	Lower	Upper
84	100		
86	84.6	45.7	84.9
49	84.0	87.7	162.9#



Instrument :
MSVOA_U
ClientSampleId :
GAMR0MS

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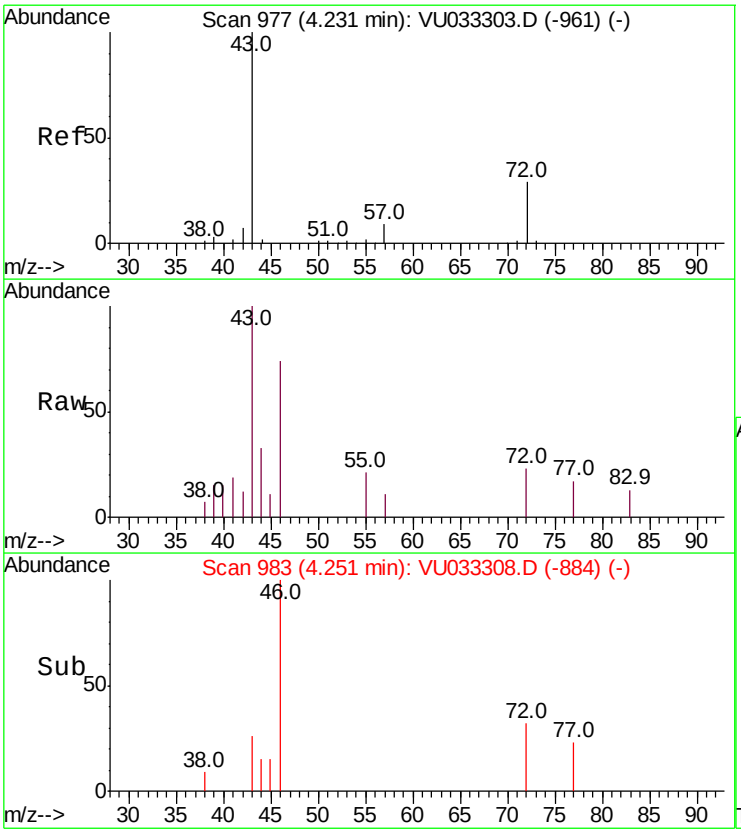
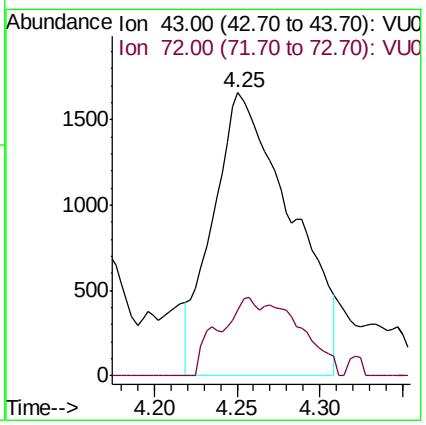
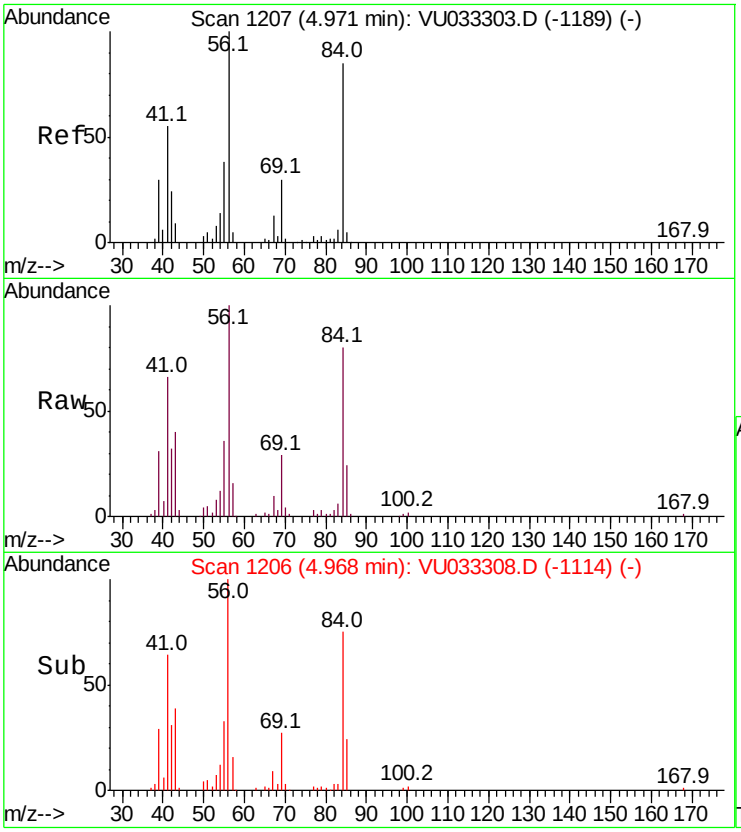


#22
2-Butanone
Concen: 2.510 ug/L m
RT: 4.25 min Scan# 983
Delta R.T. 0.02 min
Lab File: VU033308.D
Acq: 18 Jul 2019 10:57

Tgt Ion: 43 Resp: 5498

Ion	Ratio	Lower	Upper
43	100		
72	4.4	14.4	43.2#

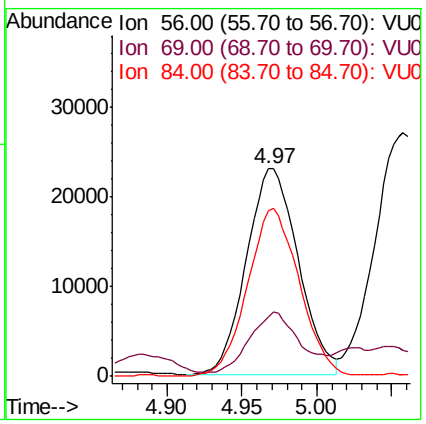




#29
Cyclohexane
Concen: 15.385 ug/L
RT: 4.97 min Scan# 1206
Delta R.T. -0.00 min
Lab File: VU033308.D
Acq: 18 Jul 2019 10:57

Tgt Ion: 56 Resp: 55543

Ion	Ratio	Lower	Upper
56	100		
69	28.1	24.7	37.1
84	81.4	70.2	105.2



Instrument :
MSVOA_U
ClientSampleId :
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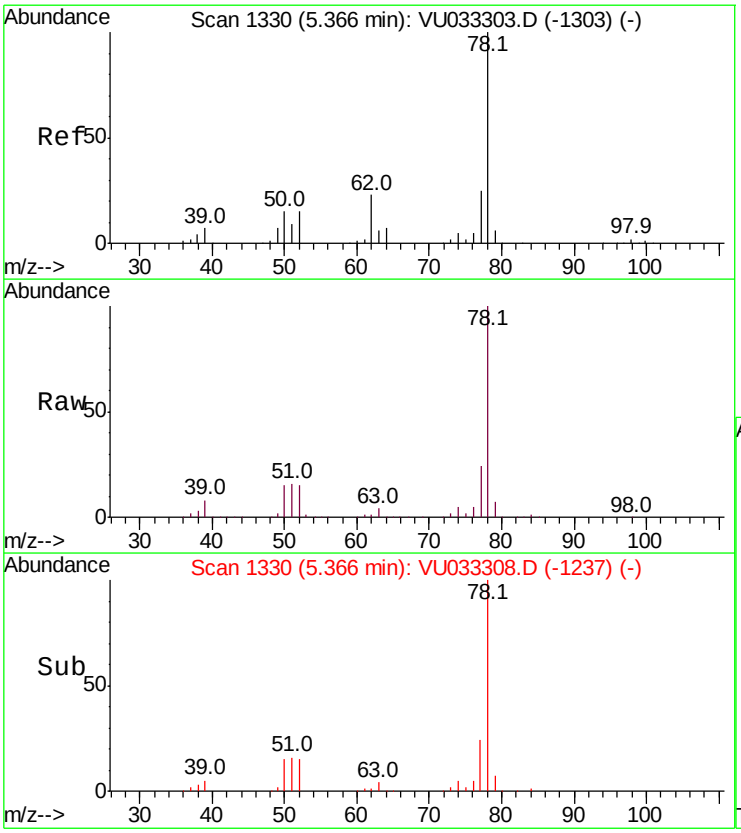
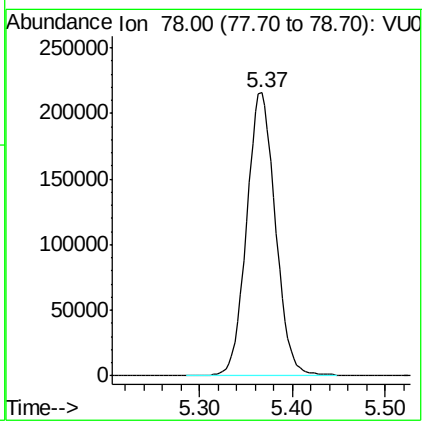
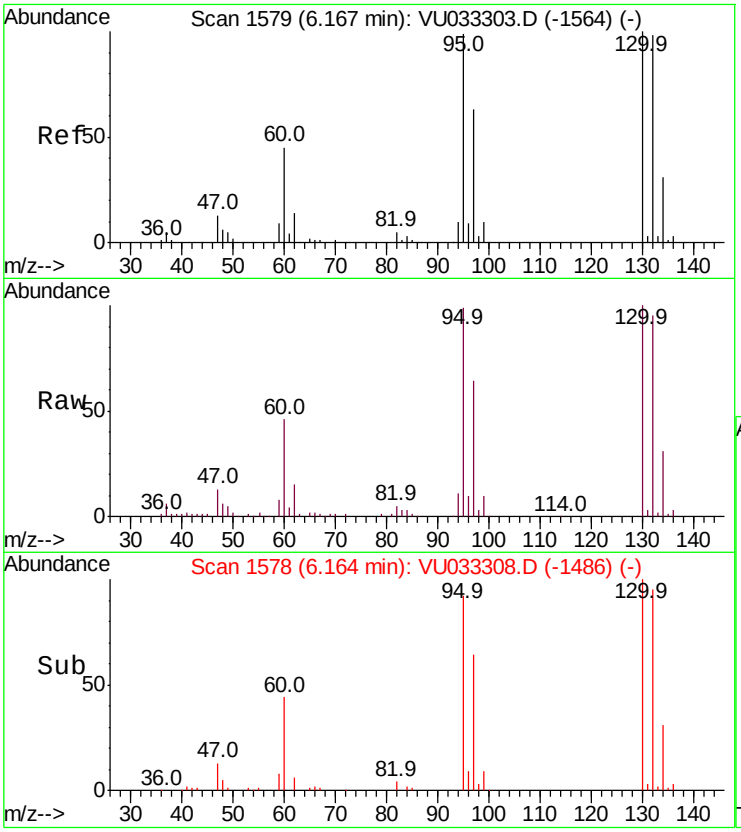


#33
Benzene
Concen: 48.200 ug/L
RT: 5.37 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VU033308.D
Acq: 18 Jul 2019 10:57

Tgt Ion: 78 Resp: 465698

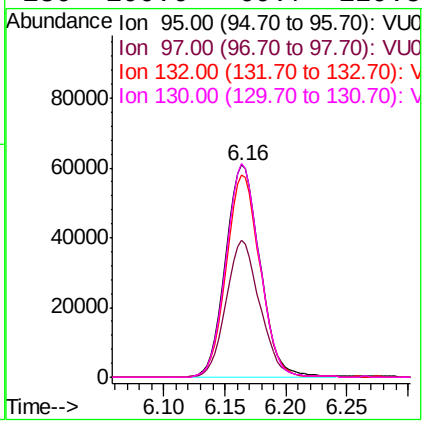




#34
Trichloroethene
Concen: 47.476 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU033308.D
Acq: 18 Jul 2019 10:57

Tgt Ion: 95 Resp: 119963

Ion	Ratio	Lower	Upper
95	100		
97	64.7	43.8	81.4
132	95.1	65.5	121.6
130	100.6	69.7	129.5



Instrument :
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ClientSampleId :
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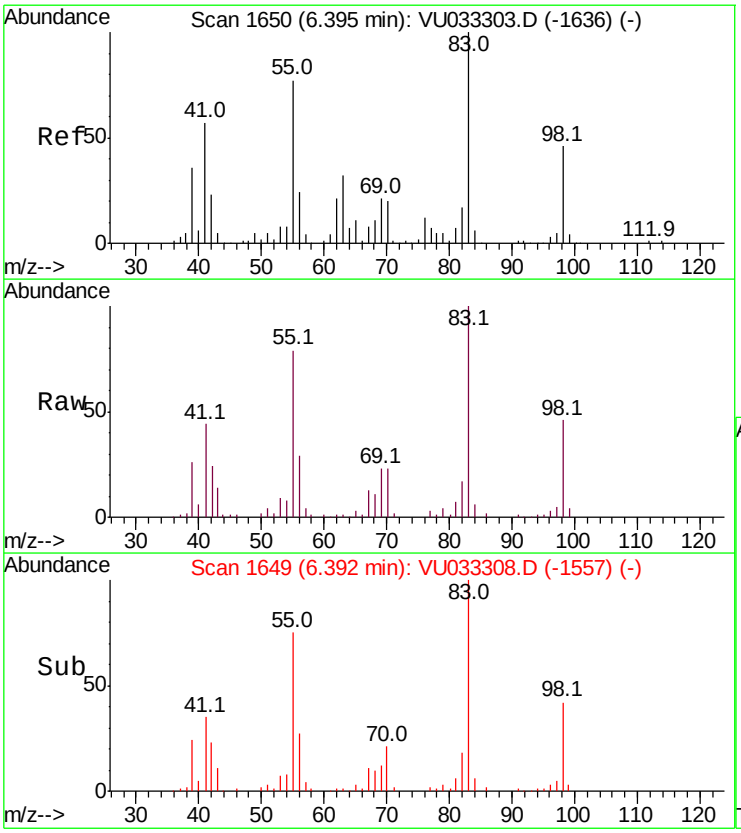
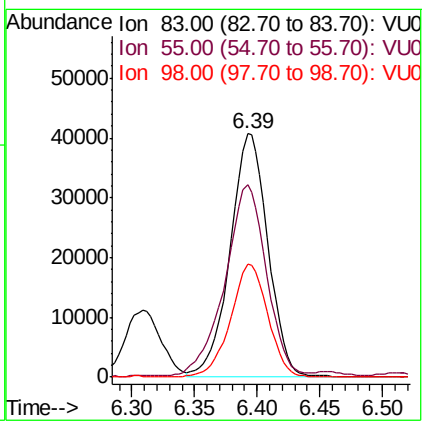
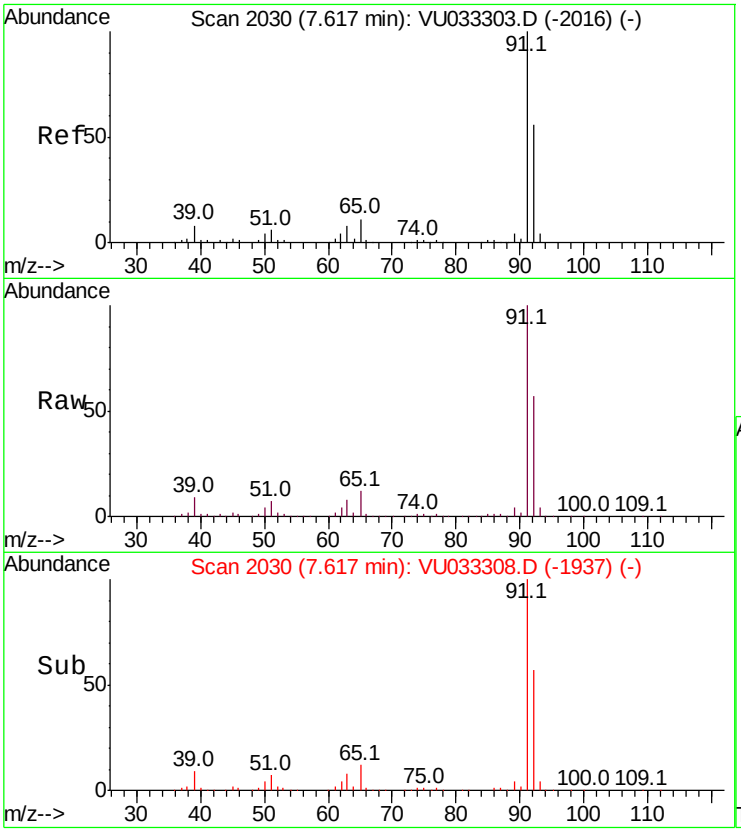


#35
Methylcyclohexane
Concen: 22.101 ug/L
RT: 6.39 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VU033308.D
Acq: 18 Jul 2019 10:57

Tgt Ion: 83 Resp: 85548

Ion	Ratio	Lower	Upper
83	100		
55	85.6	60.5	90.7
98	45.6	37.4	56.0

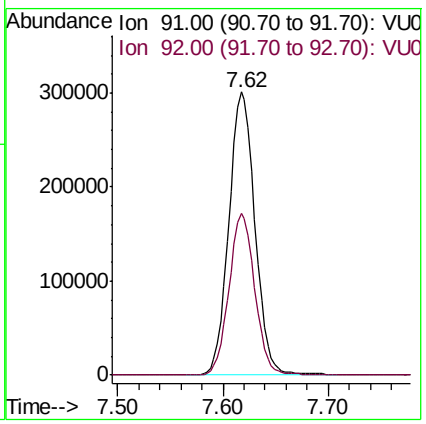




#42
Toluene
Concen: 49.389 ug/L
RT: 7.62 min Scan# 2030
Delta R.T. -0.00 min
Lab File: VU033308.D
Acq: 18 Jul 2019 10:57

Tgt Ion: 91 Resp: 514456

Ion	Ratio	Lower	Upper
91	100		
92	57.1	39.8	74.0



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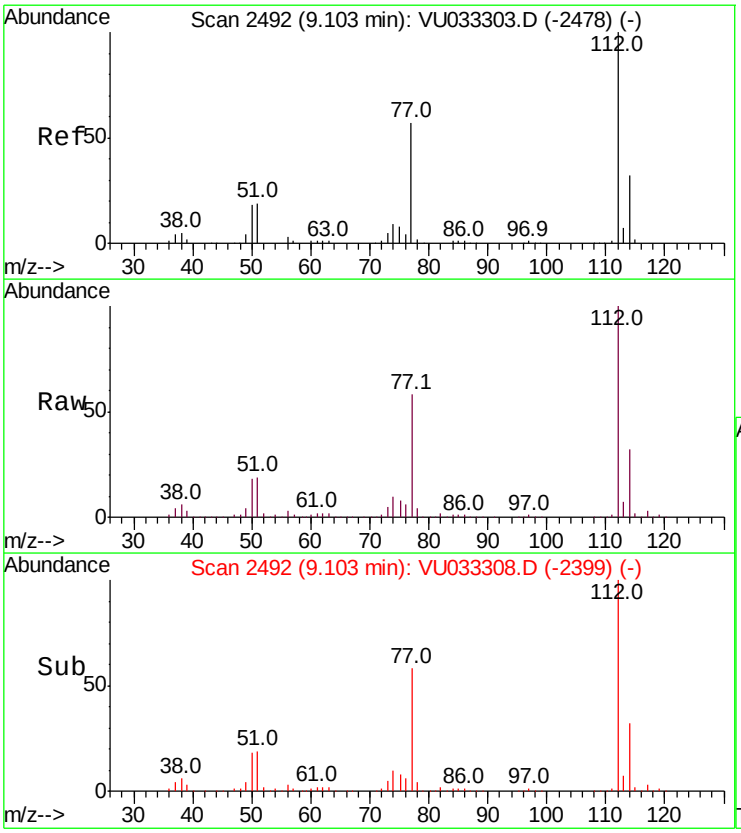
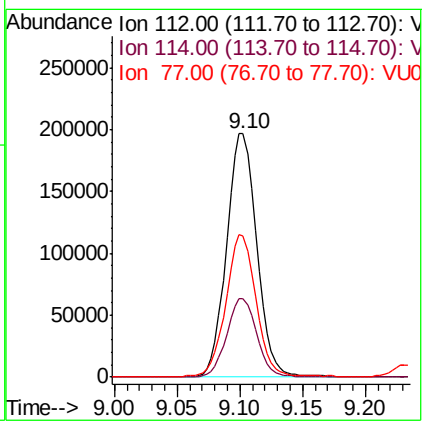
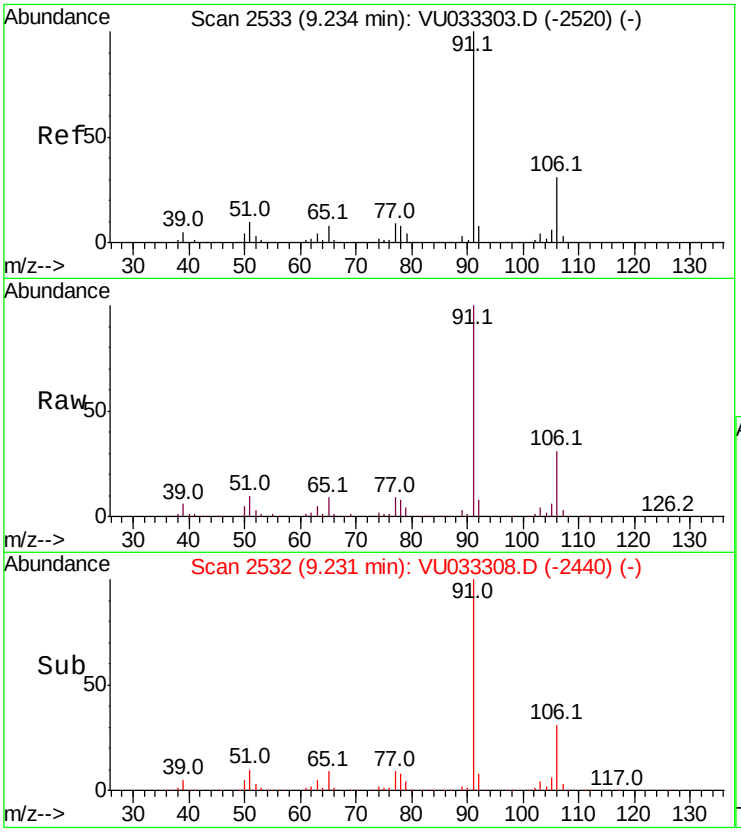


#51
Chlorobenzene
Concen: 48.574 ug/L
RT: 9.10 min Scan# 2492
Delta R.T. -0.00 min
Lab File: VU033308.D
Acq: 18 Jul 2019 10:57

Tgt Ion:112 Resp: 330252

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.3	41.3
77	57.9	47.2	70.8

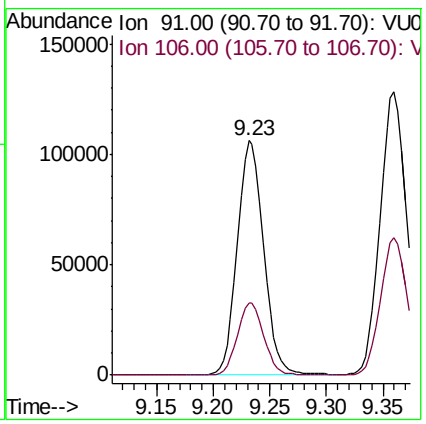




#52
Ethylbenzene
Concen: 15.485 ug/L
RT: 9.23 min Scan# 2532
Delta R.T. -0.00 min
Lab File: VU033308.D
Acq: 18 Jul 2019 10:57

Tgt Ion: 91 Resp: 172597

Ion	Ratio	Lower	Upper
91	100		
106	31.0	22.2	41.2



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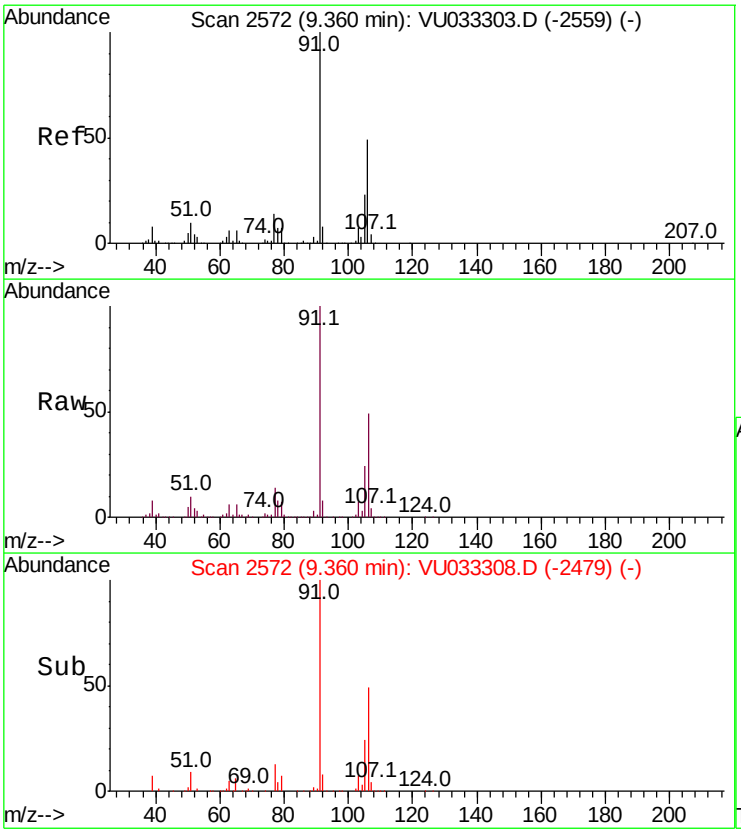
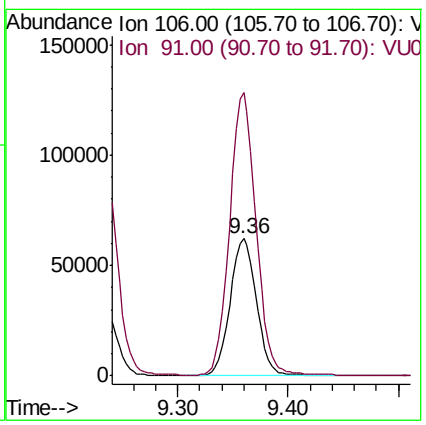
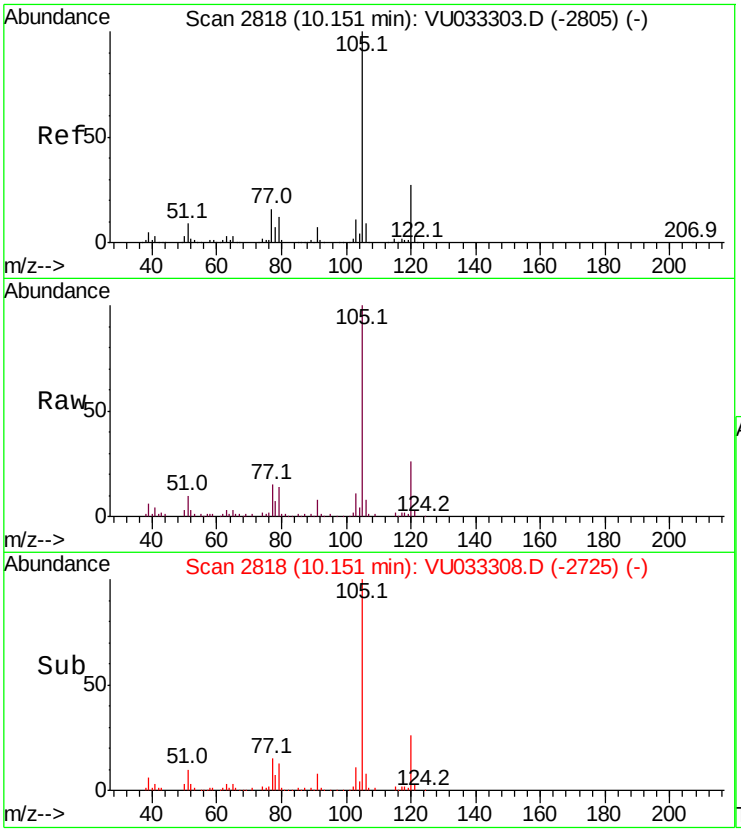


#53
m,p-Xylene
Concen: 24.573 ug/L
RT: 9.36 min Scan# 2572
Delta R.T. -0.00 min
Lab File: VU033308.D
Acq: 18 Jul 2019 10:57

Tgt Ion:106 Resp: 103743

Ion	Ratio	Lower	Upper
106	100		
91	206.0	141.3	262.3

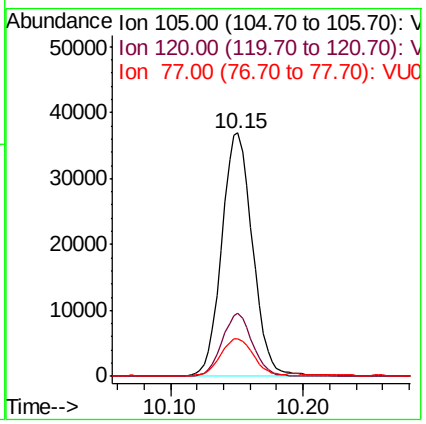




#56
Isopropylbenzene
Concen: 5.533 ug/L
RT: 10.15 min Scan# 2818
Delta R.T. -0.00 min
Lab File: VU033308.D
Acq: 18 Jul 2019 10:57

Tgt Ion:105 Resp: 59691

Ion	Ratio	Lower	Upper
105	100		
120	25.3	21.2	31.8
77	16.7	12.9	19.3



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