Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\

Quantitation Report (Not Reviewed)

Data File : VU031663.D
Acq On : 01 May 2019 03:21
Operator : JC/SP
Sample : K2604-06 5X
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ80

Quant Time: May 01 04:46:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 04:42:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	972533	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	941563	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	435603	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	316930	38.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.88%			
7) Chloroethane-d5	1.68	69	239366	38.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 76.12%			
11) 1,1-Dichloroethene-d2	2.26	63	470655	29.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.08%#			
21) 2-Butanone-d5	4.20	46	643291	87.23	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.23%			
24) Chloroform-d	4.64	84	557547	37.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 74.80%			
26) 1,2-Dichloroethane-d4	5.31	65	383696	39.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.80%			
32) Benzene-d6	5.33	84	1143561	39.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.10%			
36) 1,2-Dichloropropane-d6	6.32	67	406090	39.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 79.84%			
41) Toluene-d8	7.56	98	969548	38.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 77.00%#			
43) trans-1,3-Dichloropropene-	7.85	79	161298	36.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.88%			
47) 2-Hexanone-d5	8.32	63	417269	94.77	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.77%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	531345	38.92	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 77.84%			
64) 1,2-Dichlorobenzene-d4	11.86	152	357741	39.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 78.10%#			
Target Compounds						Qvalue
33) Benzene	5.39	78	302426	8.736	ug/L	100
34) Trichloroethene	6.19	95	6062	0.722	ug/L	88
42) Toluene	7.64	91	197160	5.718	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	6374	0.541	ug/L #	61
48) 2-Hexanone	8.32	43	58375	4.773	ug/L #	68
52) Ethylbenzene	9.25	91	800422	22.377	ug/L	99
53) m,p-Xylene	9.37	106	2206031	177.009	ug/L	99
54) o-xylene	9.78	106	943279	76.344	ug/L	99
55) Styrene	9.79	104	5664955	268.363	ug/L	97
56) Isopropylbenzene	10.17	105	30457	0.937	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.71	75	20978	5.898	ug/L #	11

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\

Quantitation Report (Not Reviewed)

Data File : VU031663.D
Acq On : 01 May 2019 03:21
Operator : JC/SP
Sample : K2604-06 5X
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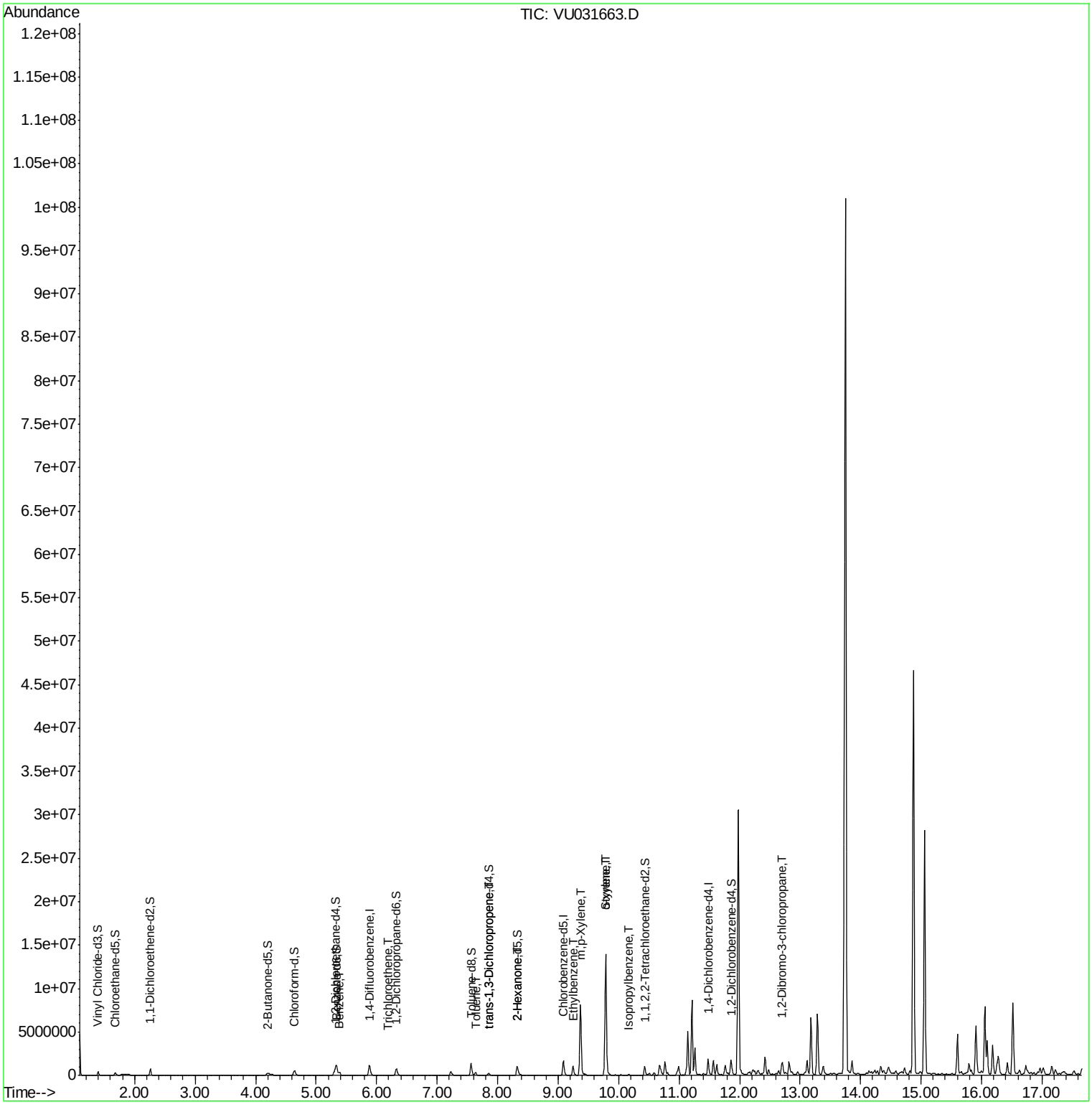
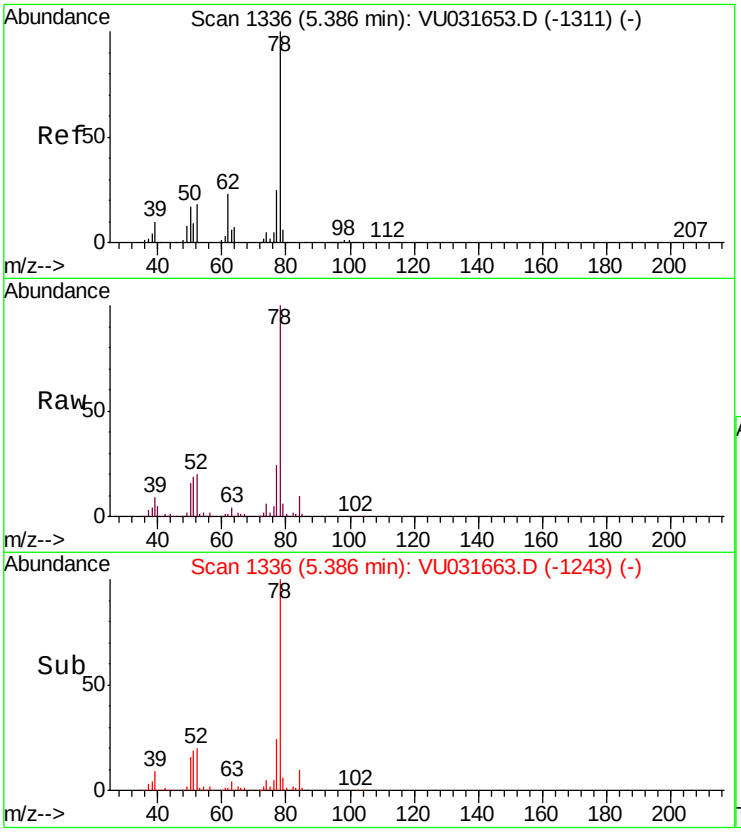
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ80

Quant Time: May 01 04:46:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 04:42:38 2019
Response via : Initial Calibration

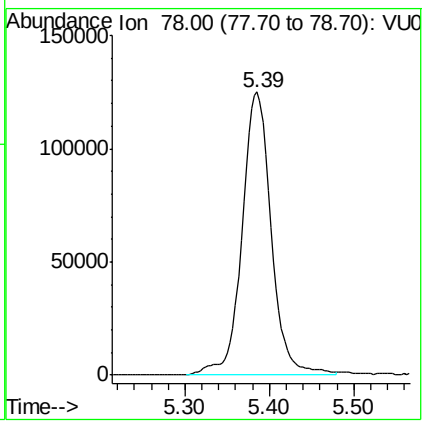


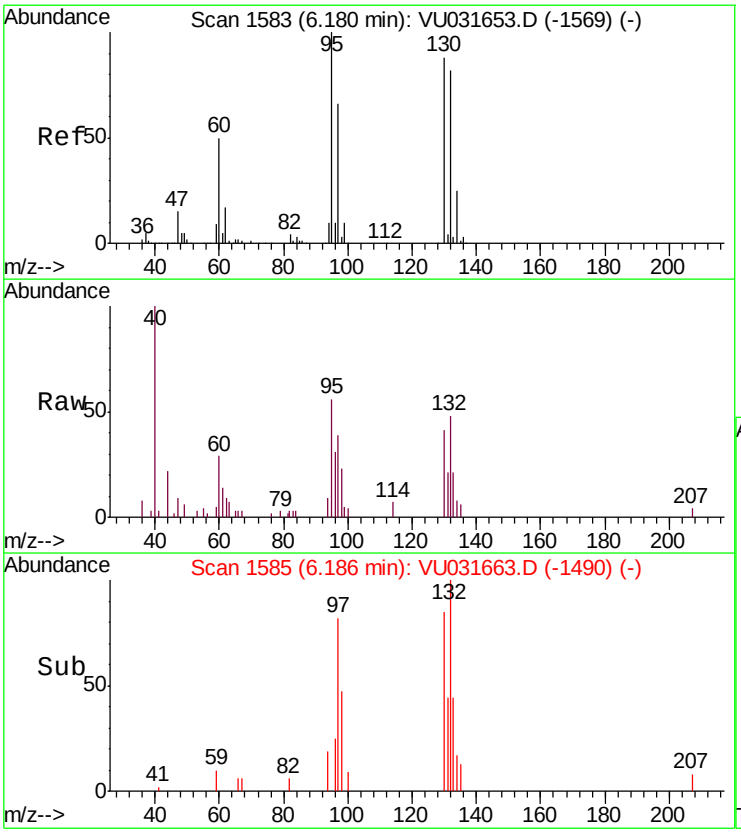


#33
Benzene
Concen: 8.736 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU031663.D
Acq: 01 May 2019 03:21

Instrument :
MSVOA_U
ClientSampleId :
GAJ80

Tgt Ion: 78 Resp: 302426

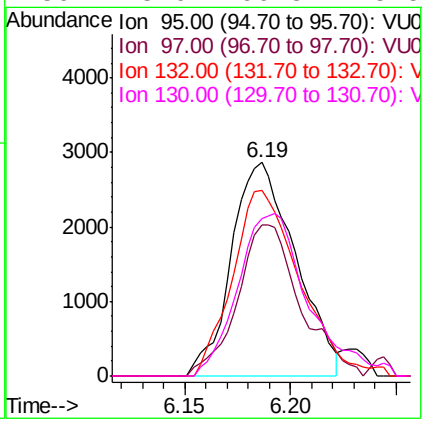


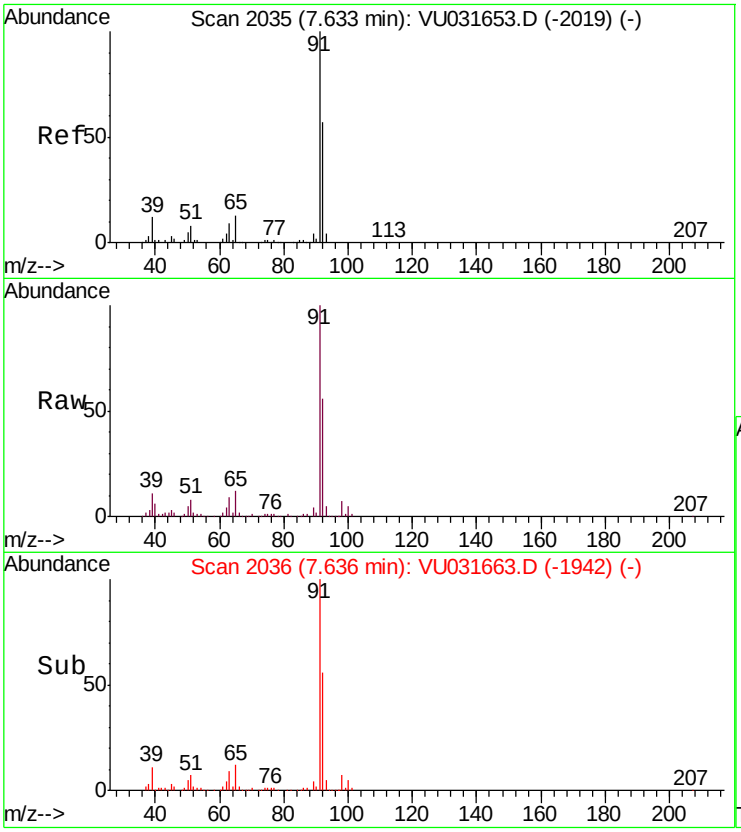


#34
Trichloroethene
Concen: 0.722 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU031663.D
Acq: 01 May 2019 03:21

Tgt Ion: 95 Resp: 6062

Ion	Ratio	Lower	Upper
95	100		
97	71.0	44.8	83.2
132	86.7	63.1	117.1
130	73.6	66.5	123.5



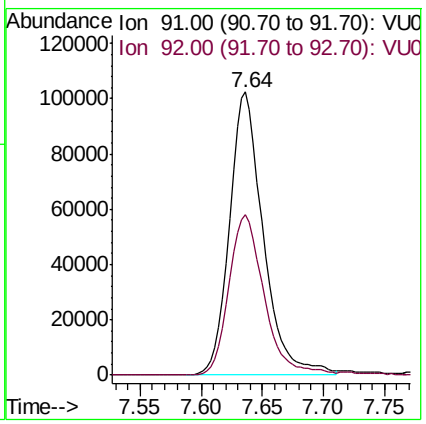


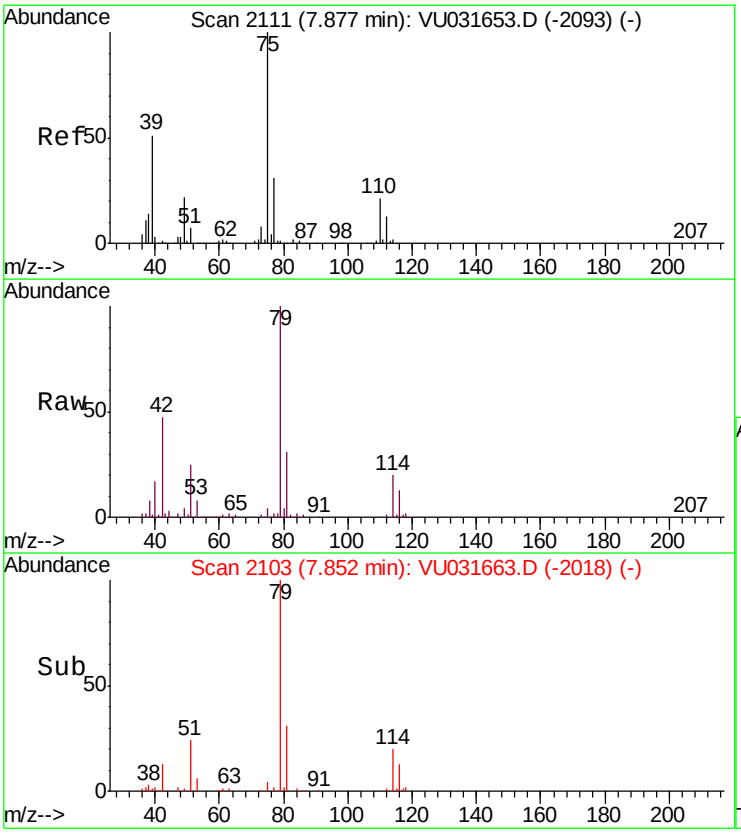
#42
Toluene
Concen: 5.718 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU031663.D
Acq: 01 May 2019 03:21

Instrument :
MSVOA_U
ClientSampleId :
GAJ80

Tgt Ion: 91 Resp: 197160

Ion	Ratio	Lower	Upper
91	100		
92	56.5	39.0	72.4

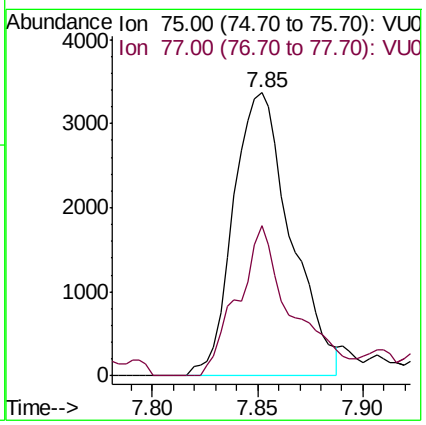


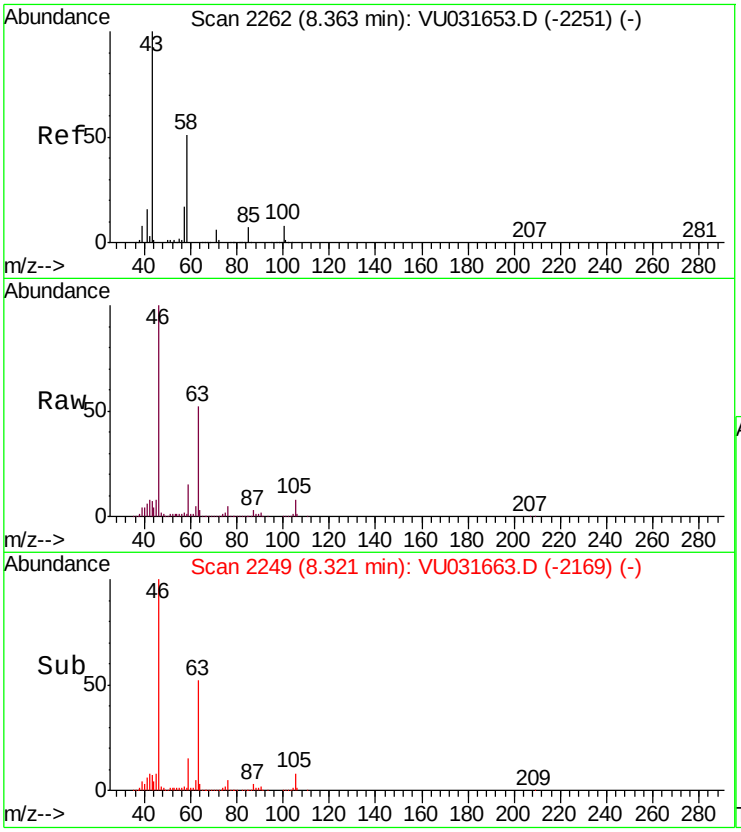


#44
trans-1,3-Dichloropropene
Concen: 0.541 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.03 min
Lab File: VU031663.D
Acq: 01 May 2019 03:21

Tgt Ion: 75 Resp: 6374

Ion	Ratio	Lower	Upper
75	100		
77	53.2	22.1	41.1#



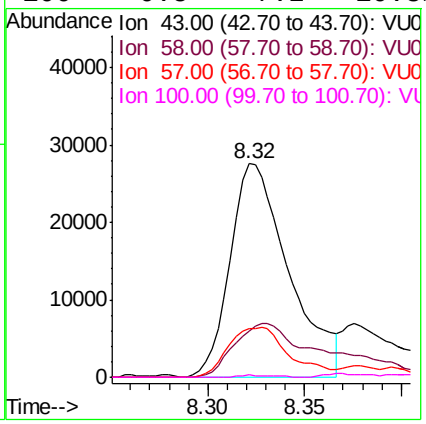


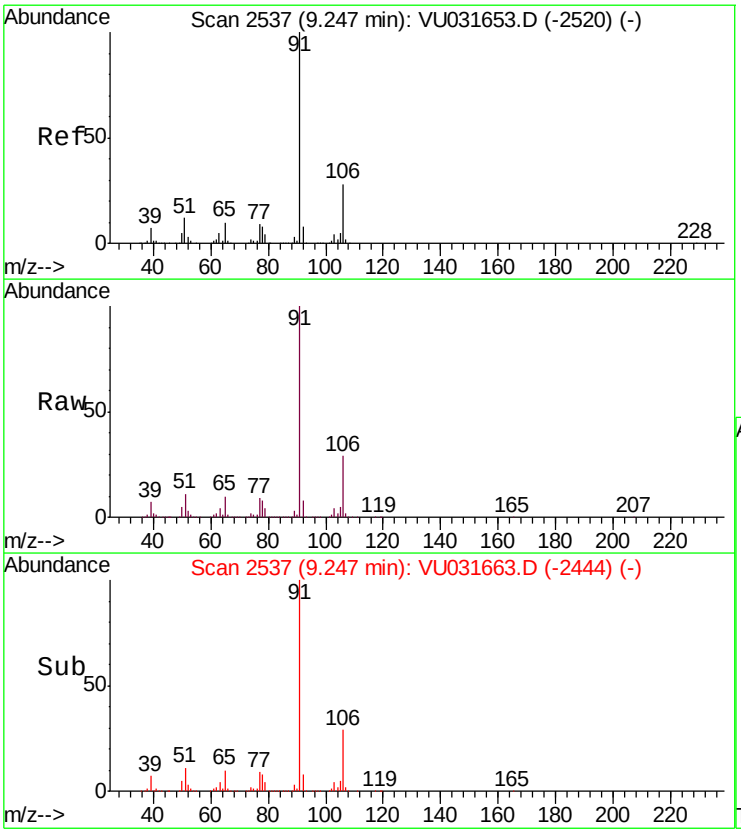
#48
2-Hexanone
Concen: 4.773 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.04 min
Lab File: VU031663.D
Acq: 01 May 2019 03:21

Instrument : MSVOA_U
ClientSampleId : GAJ80

Tgt Ion: 43 Resp: 58375

Ion	Ratio	Lower	Upper
43	100		
58	24.6	42.1	63.1#
57	23.9	14.6	22.0#
100	0.5	7.2	10.8#

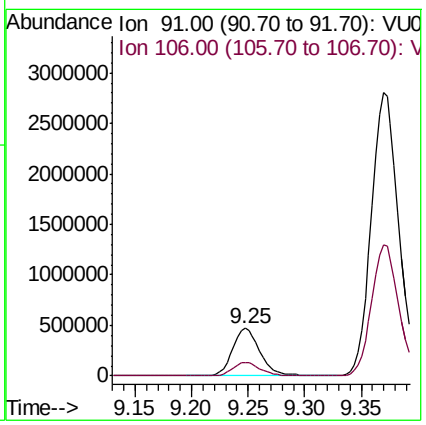


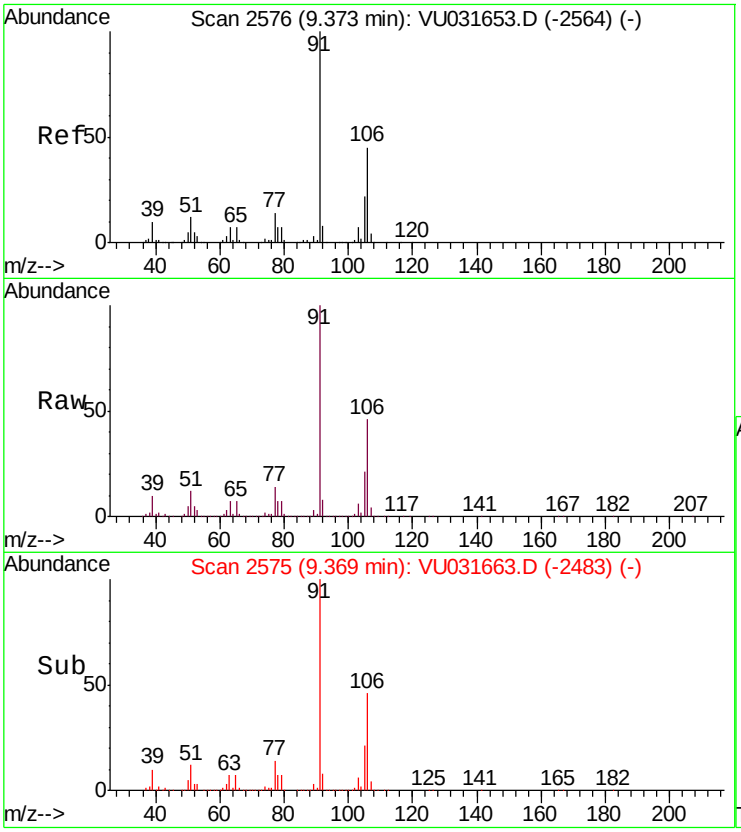


#52
Ethylbenzene
Concen: 22.377 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU031663.D
Acq: 01 May 2019 03:21

Tgt Ion: 91 Resp: 800422

Ion	Ratio	Lower	Upper
91	100		
106	28.8	20.4	37.8



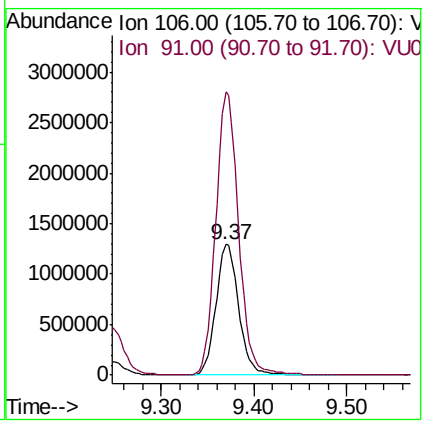


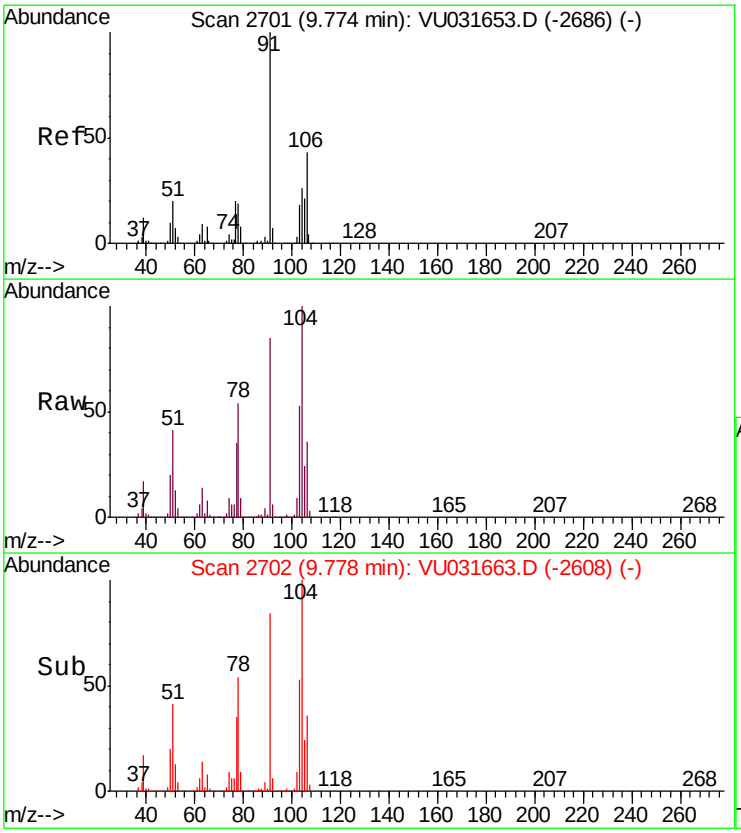
#53
m,p-Xylene
Concen: 177.009 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU031663.D
Acq: 01 May 2019 03:21

Instrument :
MSVOA_U
ClientSampleId :
GAJ80

Tgt Ion:106 Resp: 2206031

Ion	Ratio	Lower	Upper
106	100		
91	216.1	152.2	282.6

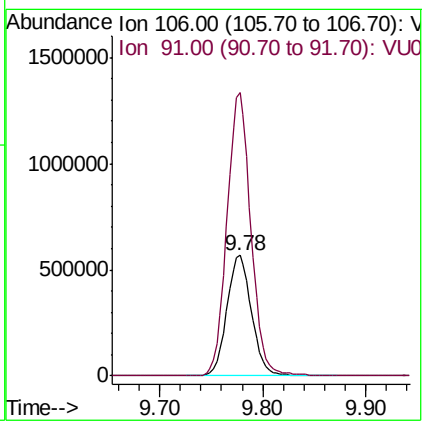


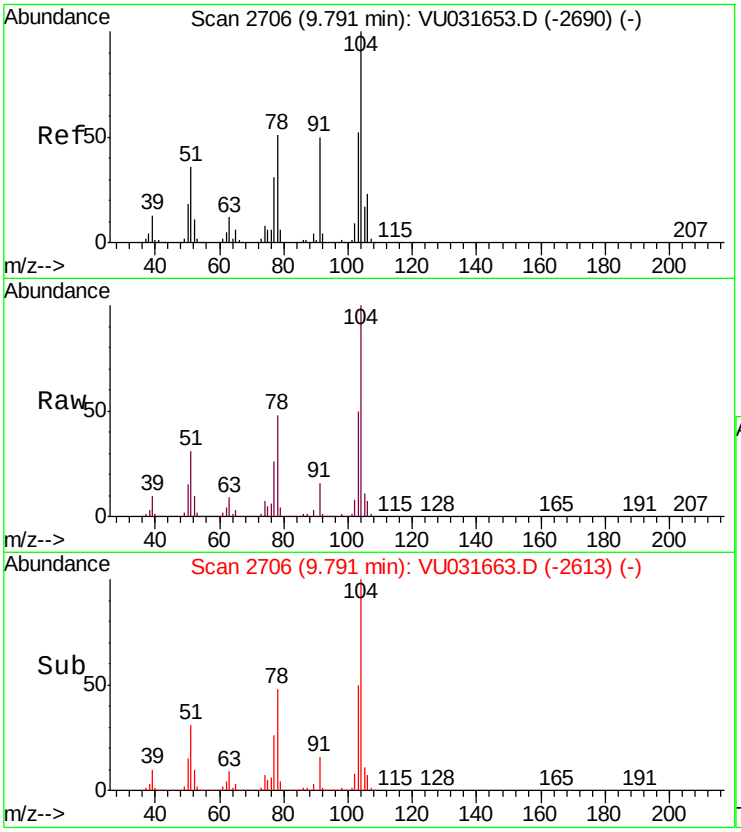


#54
o-xylene
Concen: 76.344 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU031663.D
Acq: 01 May 2019 03:21

Tgt Ion:106 Resp: 943279

Ion	Ratio	Lower	Upper
106	100		
91	235.3	163.2	303.2



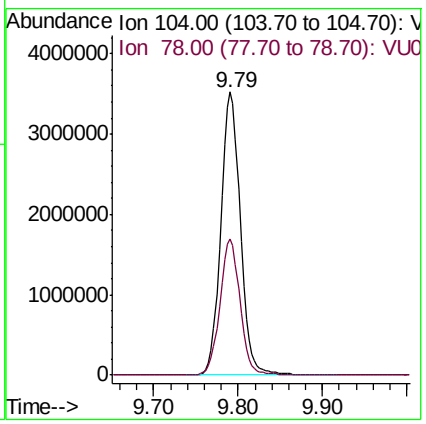


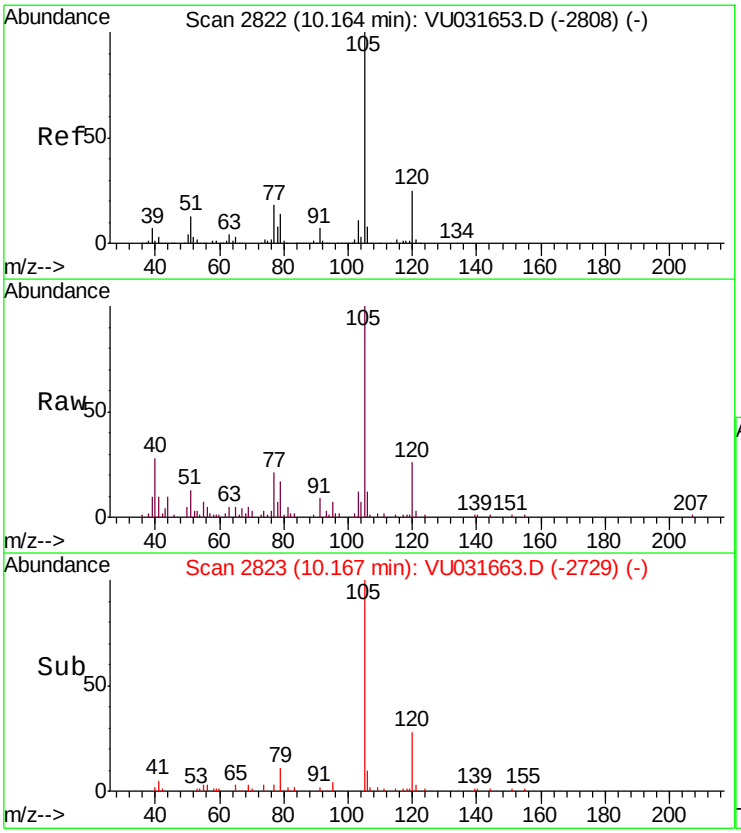
#55
Styrene
Concen: 268.363 ug/L
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU031663.D
Acq: 01 May 2019 03:21

Instrument : MSVOA_U
ClientSampleId : GAJ80

Tgt Ion:104 Resp: 5664955

Ion	Ratio	Lower	Upper
104	100		
78	48.2	35.4	65.7

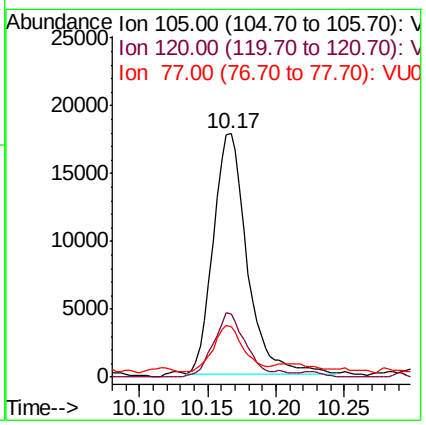


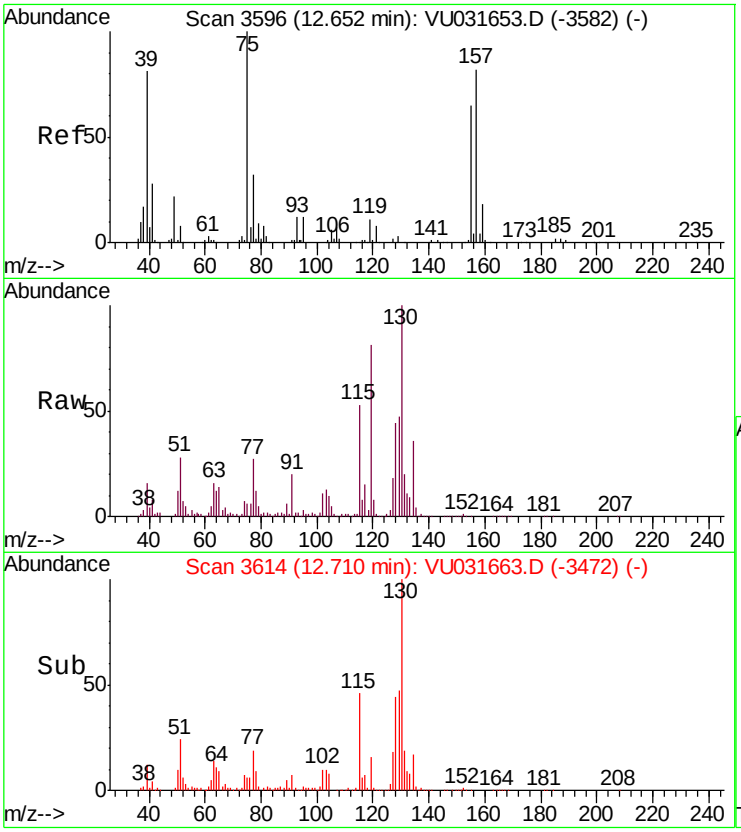


#56
Isopropylbenzene
Concen: 0.937 ug/L
RT: 10.17 min Scan# 2823
Delta R.T. 0.00 min
Lab File: VU031663.D
Acq: 01 May 2019 03:21

Tgt Ion:105 Resp: 30457

Ion	Ratio	Lower	Upper
105	100		
120	25.2	20.1	30.1
77	17.8	13.8	20.6





#66
1,2-Dibromo-3-chloropropane
Concen: 5.898 ug/L
RT: 12.71 min Scan# 3614
Delta R.T. 0.06 min
Lab File: VU031663.D
Acq: 01 May 2019 03:21

Instrument :
MSVOA_U
ClientSampleId :
GAJ80

Tgt Ion: 75 Resp: 20978

Ion	Ratio	Lower	Upper
75	100		
155	1.0	54.0	81.0#
157	0.0	69.1	103.7#