Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042019\

Quantitation Report (Not Reviewed)

Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

Quant Time: Apr 19 23:16:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 19 23:12:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	588285	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	565781	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	302036	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	163378	30.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 60.32%			
7) Chloroethane-d5	1.68	69	139942	29.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 59.50%#			
11) 1,1-Dichloroethene-d2	2.26	63	252329	23.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 47.02%#			
21) 2-Butanone-d5	4.20	46	310301	78.64	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 78.64%			
24) Chloroform-d	4.64	84	285050	31.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 63.06%#			
26) 1,2-Dichloroethane-d4	5.31	65	185494	33.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 66.64%#			
32) Benzene-d6	5.33	84	612765	34.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 68.52%#			
36) 1,2-Dichloropropane-d6	6.33	67	205063	35.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 70.66%			
41) Toluene-d8	7.56	98	566018	35.96	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 71.92%#			
43) trans-1,3-Dichloropropene-	7.85	79	94883	34.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.38%			
47) 2-Hexanone-d5	8.32	63	225969	82.46	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 82.46%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	305242	37.88	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 75.76%			
64) 1,2-Dichlorobenzene-d4	11.86	152	244636	35.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 70.64%#			
Target Compounds						Qvalue
33) Benzene	5.39	78	10640	0.559	ug/L	100
35) Methylcyclohexane	6.41	83	10853	1.531	ug/L #	87
42) Toluene	7.64	91	26426	1.396	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	3496	0.533	ug/L	83
48) 2-Hexanone	8.32	43	27056	4.784	ug/L #	69
52) Ethylbenzene	9.25	91	61106	2.965	ug/L	98
53) m,p-Xylene	9.37	106	371382	51.070	ug/L	96
54) o-xylene	9.77	106	202750	27.532	ug/L	91
55) Styrene	9.79	104	134957	10.856	ug/L	95
56) Isopropylbenzene	10.16	105	14915	0.790	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	32688	5.453	ug/L	89

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

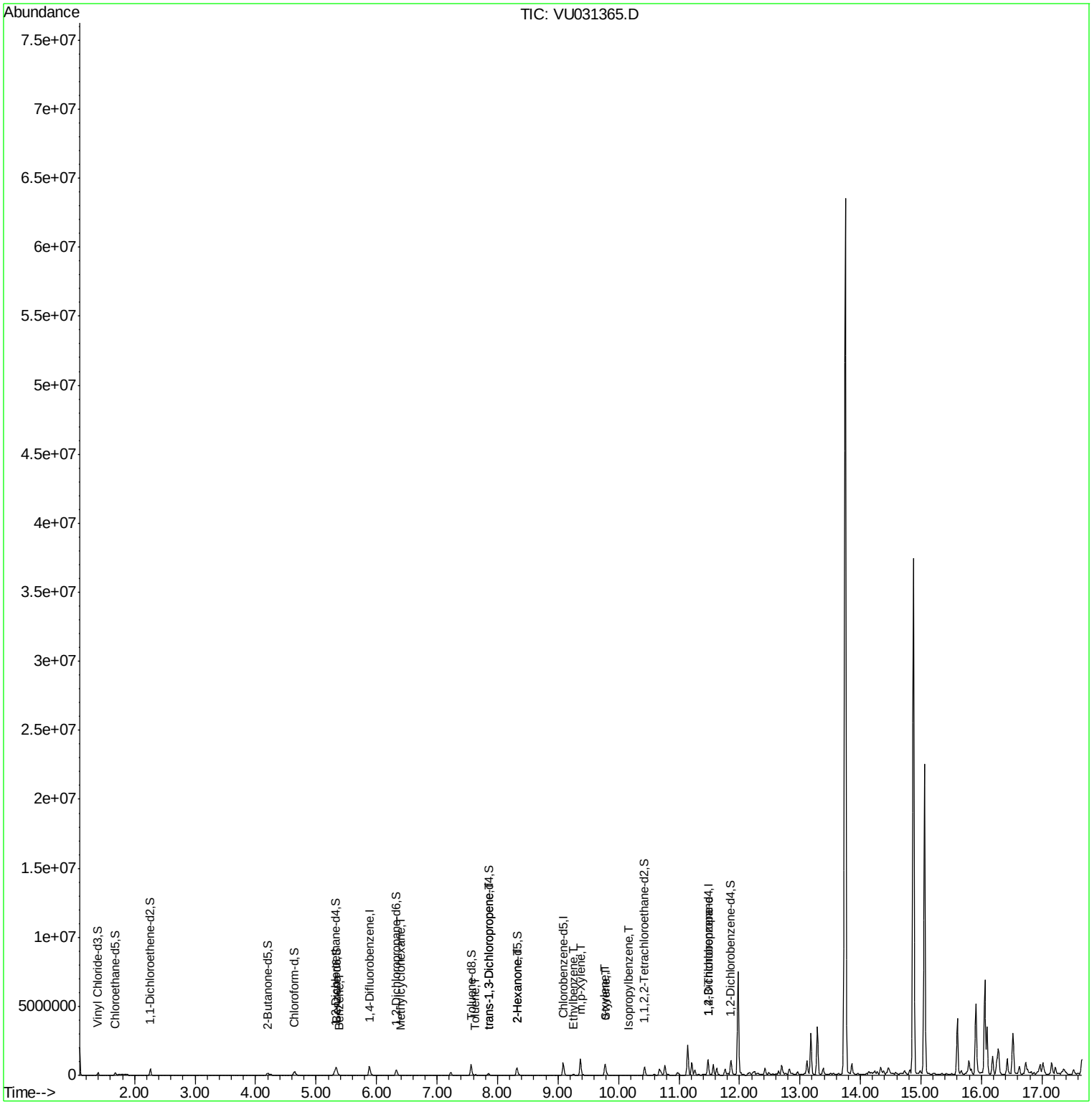
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042019\

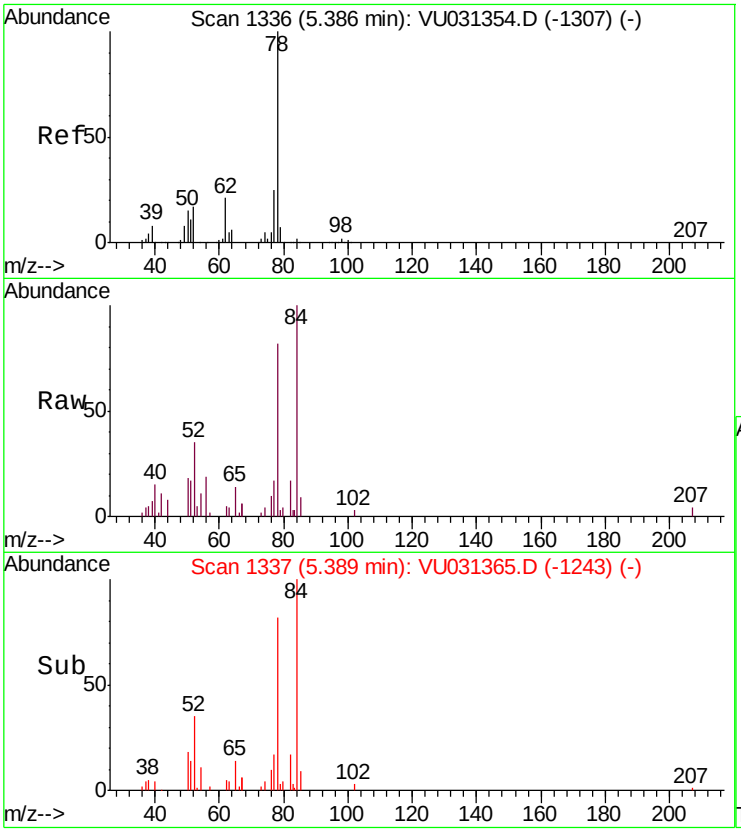
Quantitation Report (Not Reviewed)

Data File : VU031365.D
Acq On : 19 Apr 2019 17:34
Operator : JC/SP
Sample : K2402-06 5X
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHH8

Quant Time: Apr 19 23:16:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 19 23:12:12 2019
Response via : Initial Calibration

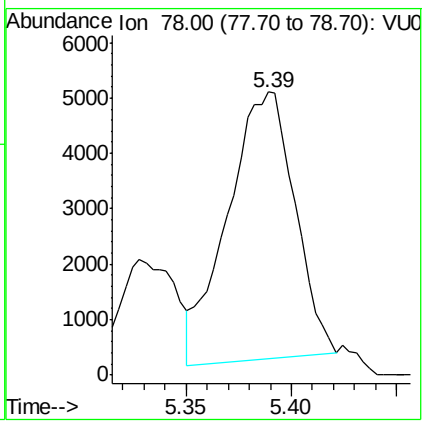


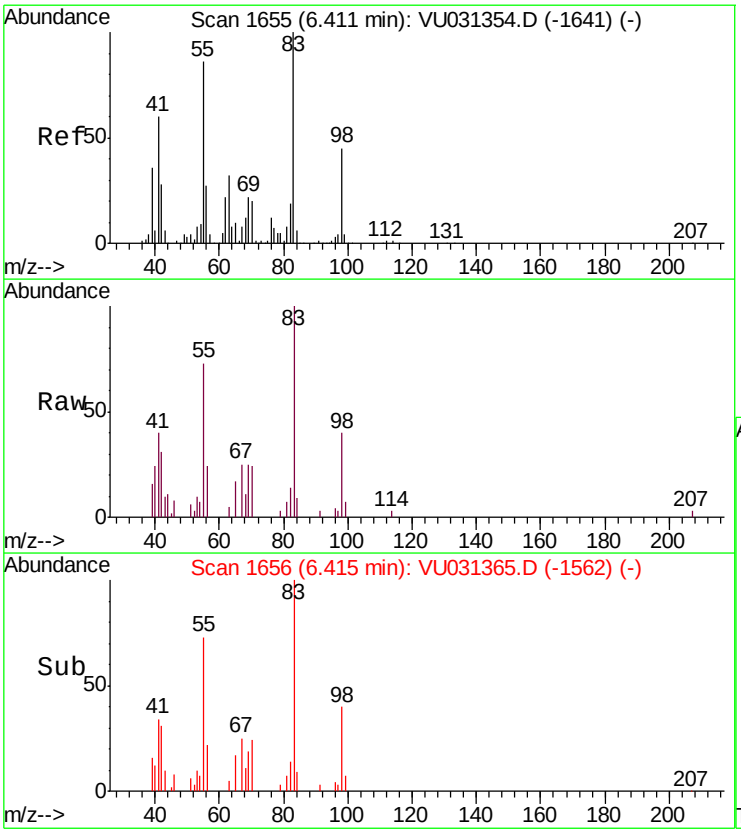


#33
Benzene
Concen: 0.559 ug/L
RT: 5.39 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU031365.D
Acq: 19 Apr 2019 17:34

Instrument :
MSVOA_U
ClientSampleId :
GAHH8

Tgt Ion: 78 Resp: 10640

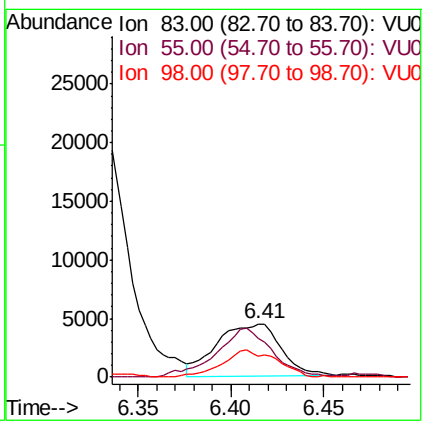


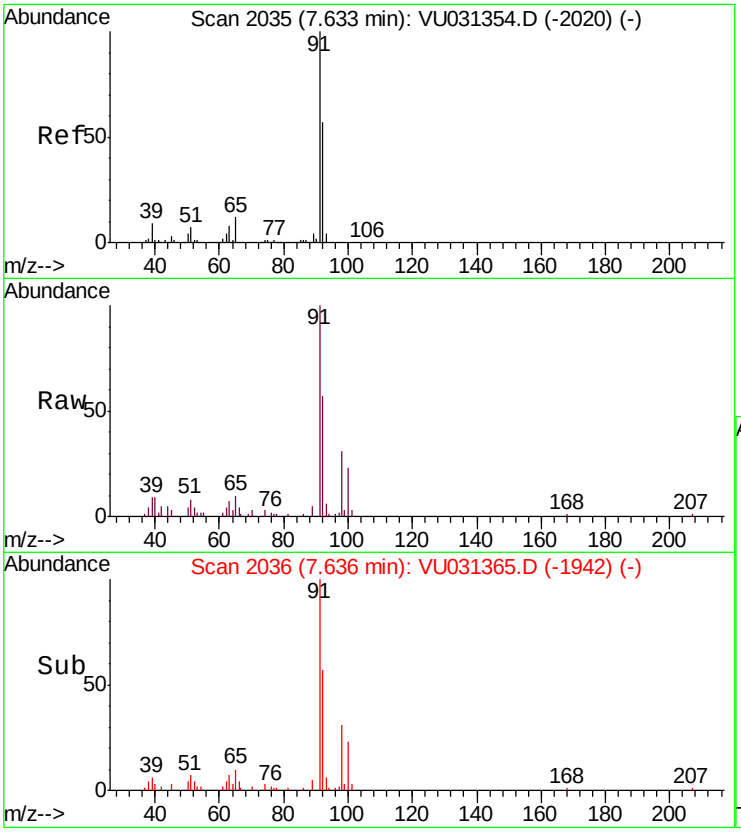


#35
Methylcyclohexane
Concen: 1.531 ug/L
RT: 6.41 min Scan# 1656
Delta R.T. 0.00 min
Lab File: VU031365.D
Acq: 19 Apr 2019 17:34

Tgt Ion: 83 Resp: 10853

Ion	Ratio	Lower	Upper
83	100		
55	78.8	67.0	100.4
98	28.3	36.9	55.3#



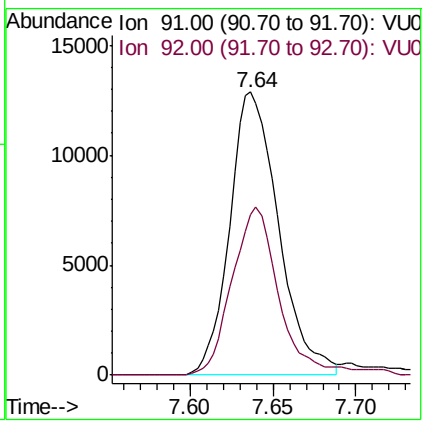


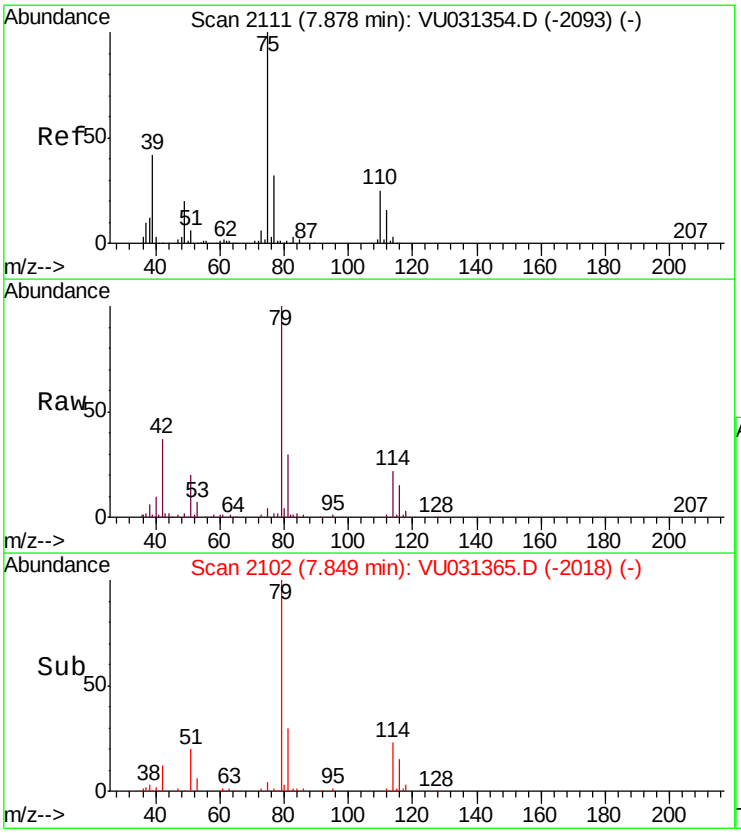
#42
Toluene
Concen: 1.396 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU031365.D
Acq: 19 Apr 2019 17:34

Instrument :
MSVOA_U
ClientSampleId :
GAHH8

Tgt Ion: 91 Resp: 26426

Ion	Ratio	Lower	Upper
91	100		
92	56.5	40.1	74.5

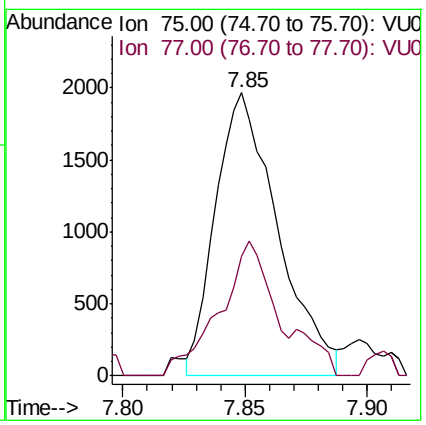


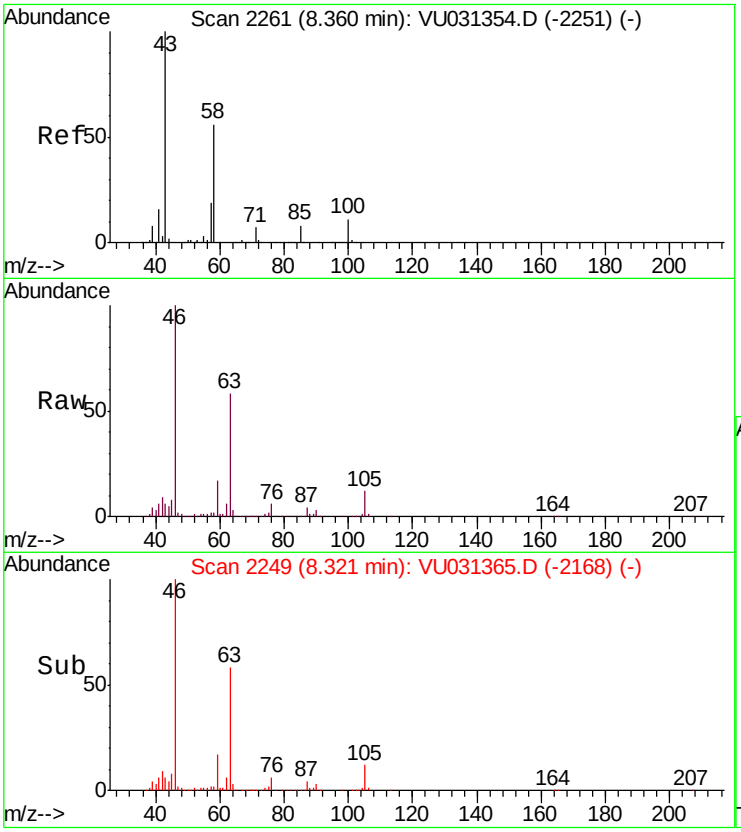


#44
trans-1,3-Dichloropropene
Concen: 0.533 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031365.D
Acq: 19 Apr 2019 17:34

Tgt Ion: 75 Resp: 3496

Ion	Ratio	Lower	Upper
75	100		
77	42.3	22.8	42.4



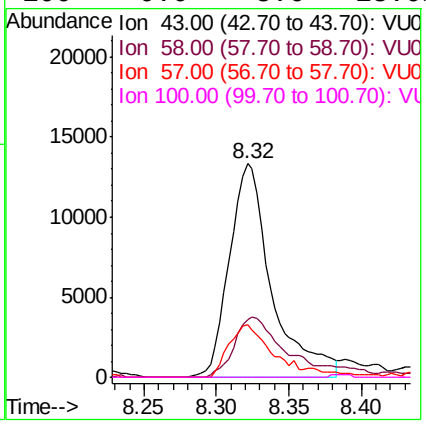


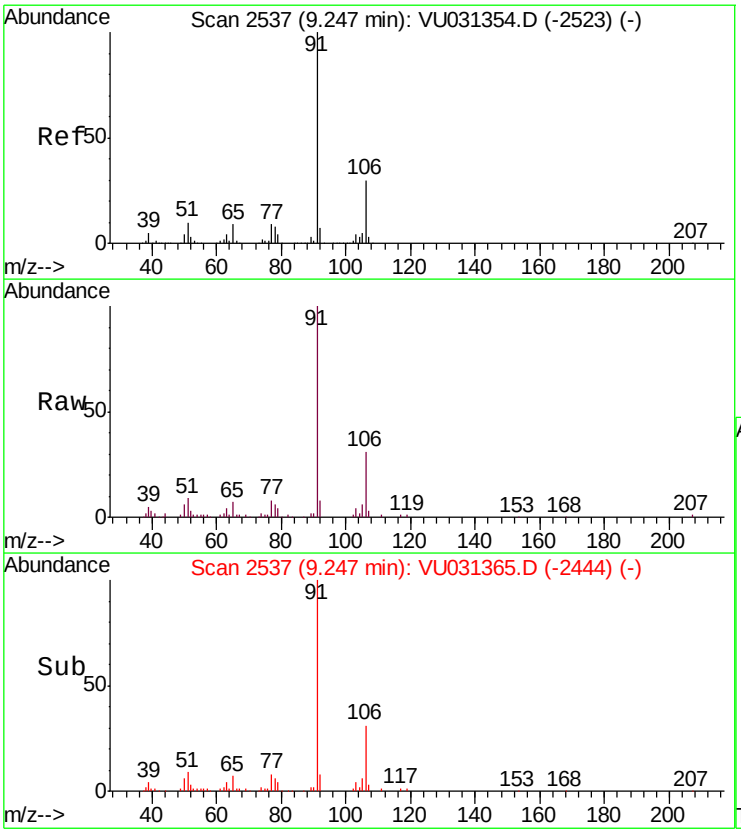
#48
2-Hexanone
Concen: 4.784 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.04 min
Lab File: VU031365.D
Acq: 19 Apr 2019 17:34

Instrument : MSVOA_U
ClientSampleId : GAHH8

Tgt Ion: 43 Resp: 27056

Ion	Ratio	Lower	Upper
43	100		
58	28.1	44.9	67.3#
57	22.8	15.1	22.7#
100	0.0	8.6	13.0#

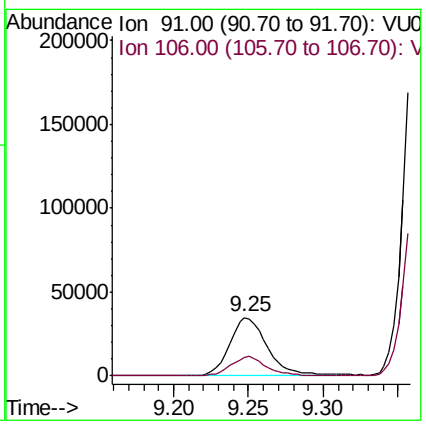


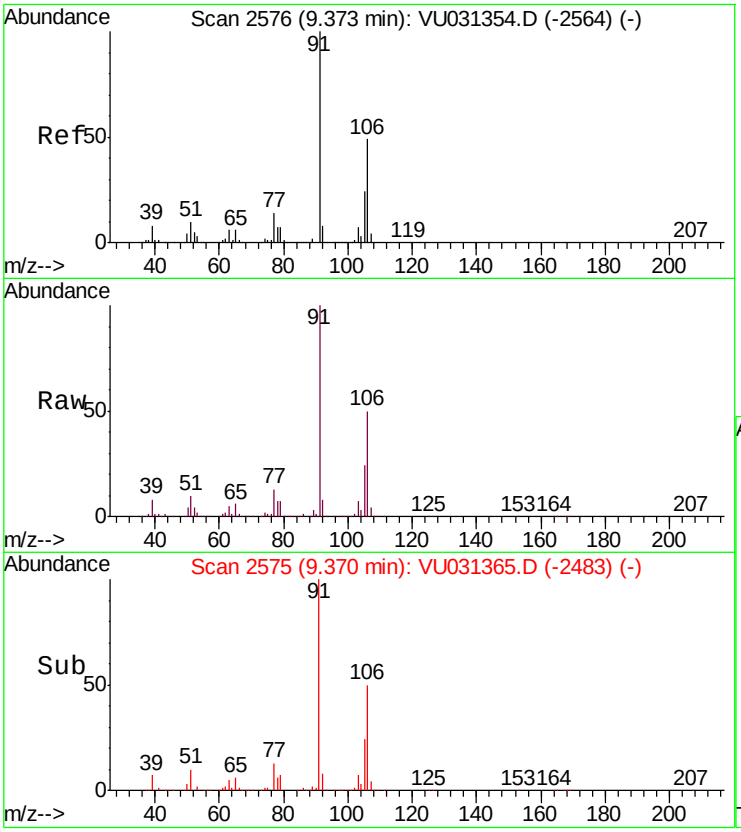


#52
Ethylbenzene
Concen: 2.965 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. -0.00 min
Lab File: VU031365.D
Acq: 19 Apr 2019 17:34

Tgt Ion: 91 Resp: 61106

Ion	Ratio	Lower	Upper
91	100		
106	31.1	20.9	38.7



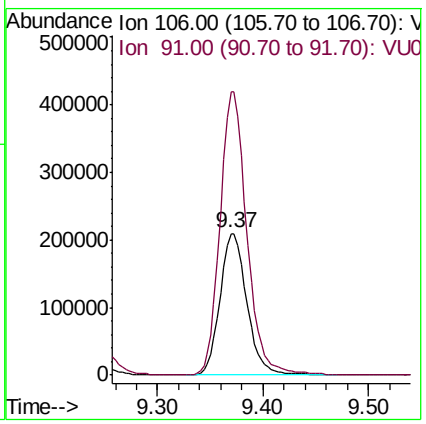


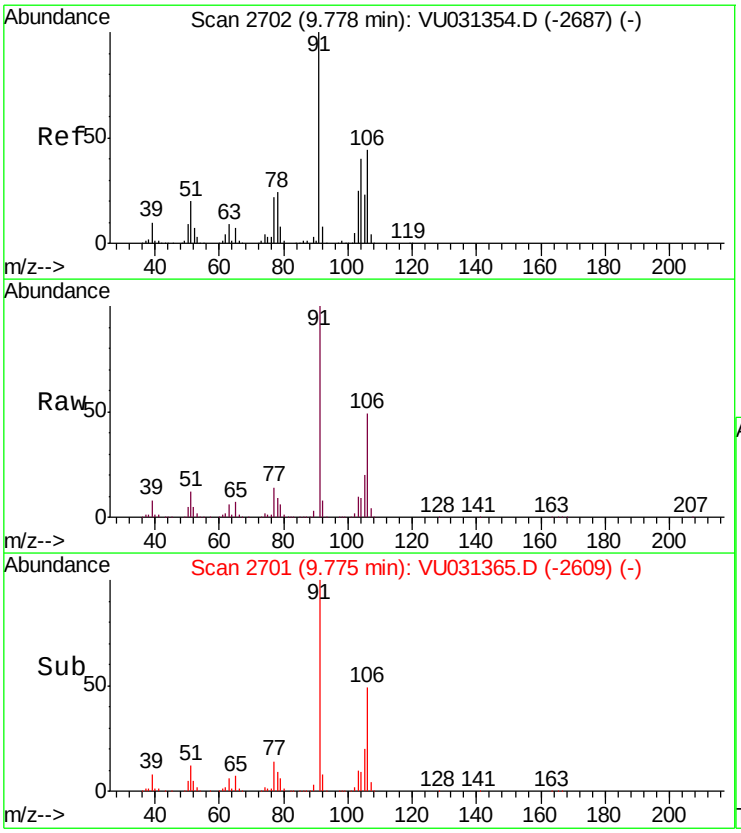
#53
m,p-Xylene
Concen: 51.070 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU031365.D
Acq: 19 Apr 2019 17:34

Instrument :
MSVOA_U
ClientSampleId :
GAHH8

Tgt Ion:106 Resp: 371382

Ion	Ratio	Lower	Upper
106	100		
91	199.7	144.5	268.4

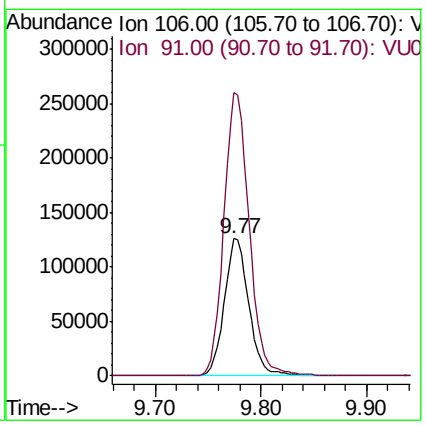


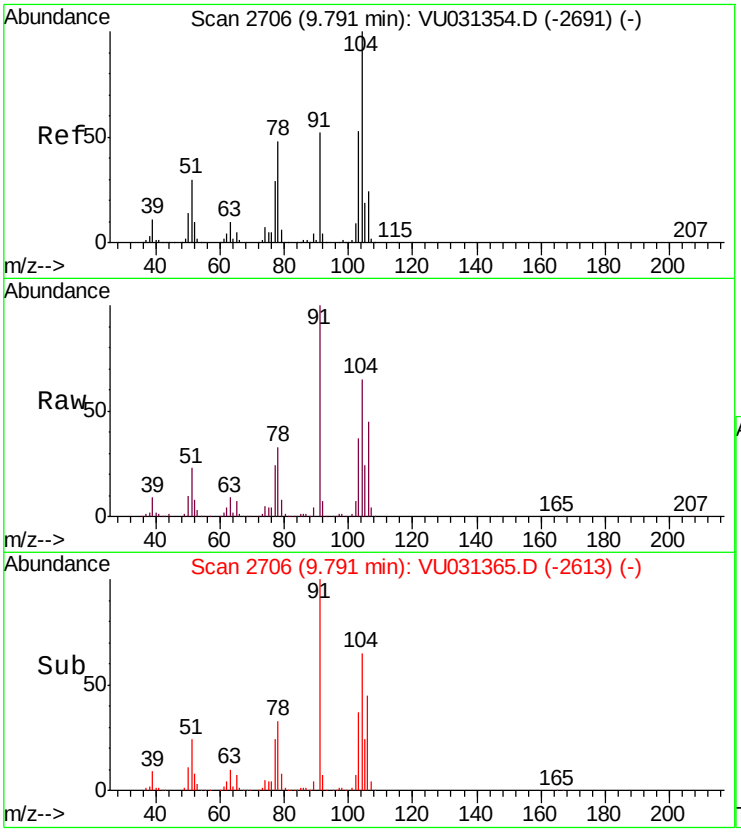


#54
o-xylene
Concen: 27.532 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU031365.D
Acq: 19 Apr 2019 17:34

Tgt Ion:106 Resp: 202750

Ion	Ratio	Lower	Upper
106	100		
91	206.1	154.3	286.5



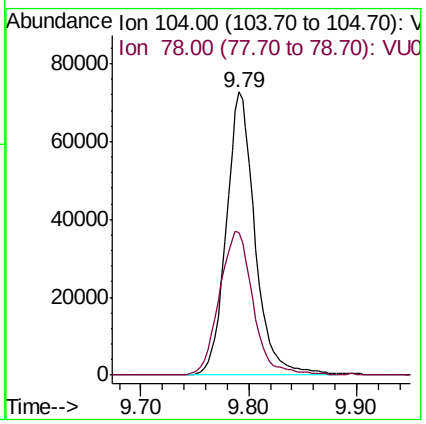


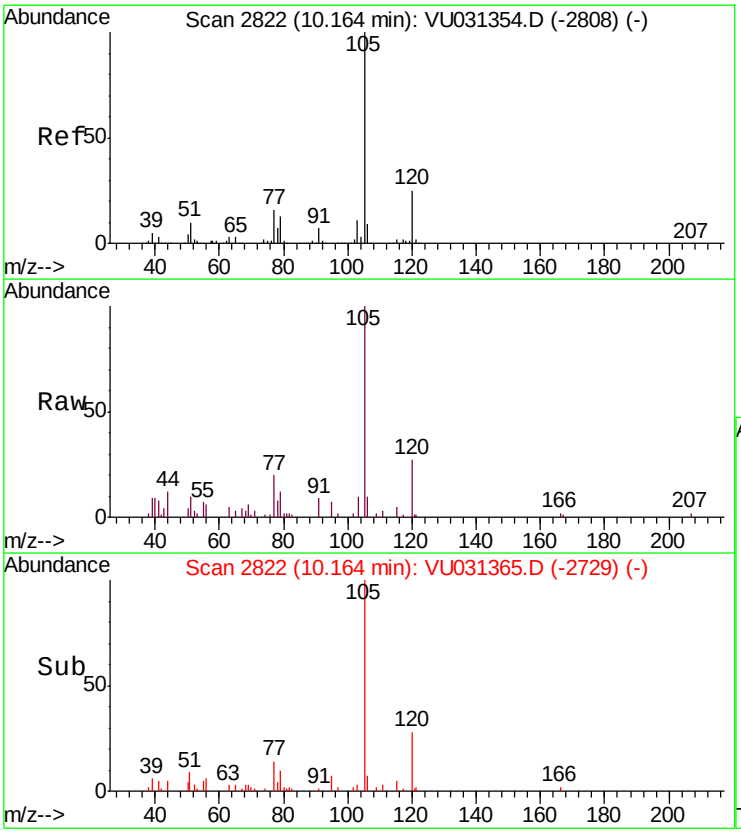
#55
Styrene
Concen: 10.856 ug/L
RT: 9.79 min Scan# 2706
Delta R.T. -0.00 min
Lab File: VU031365.D
Acq: 19 Apr 2019 17:34

Instrument :
MSVOA_U
ClientSampleId :
GAHH8

Tgt Ion:104 Resp: 134957

Ion	Ratio	Lower	Upper
104	100		
78	50.3	32.8	61.0

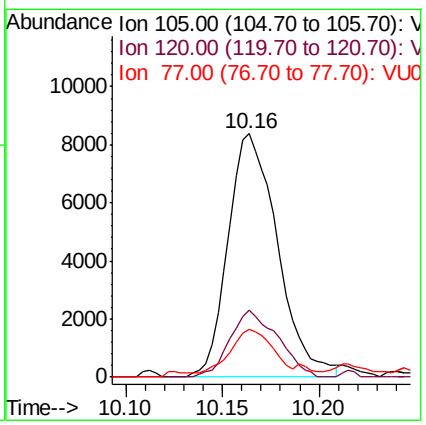


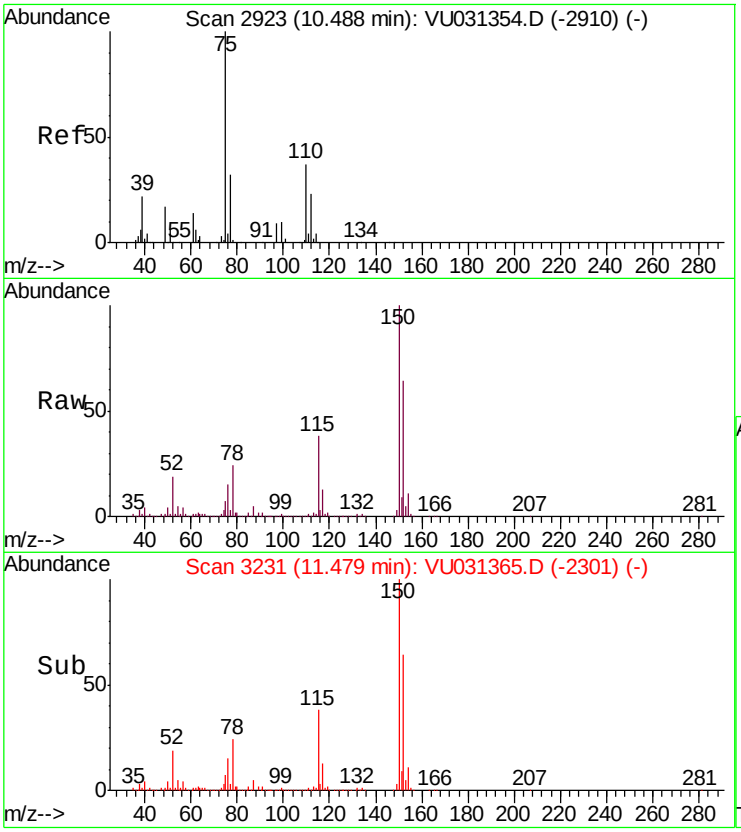


#56
Isopropylbenzene
Concen: 0.790 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. -0.00 min
Lab File: VU031365.D
Acq: 19 Apr 2019 17:34

Tgt Ion:105 Resp: 14915

Ion	Ratio	Lower	Upper
105	100		
120	26.5	20.6	31.0
77	16.7	13.0	19.4





#59
1,2,3-Trichloropropane
Concen: 5.453 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031365.D
Acq: 19 Apr 2019 17:34

Instrument :
MSVOA_U
ClientSampleId :
GAHH8

Tgt Ion: 75 Resp: 32688

Ion	Ratio	Lower	Upper
75	100		
77	37.7	25.4	38.2