Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031694.D
Acq On : 01 May 2019 18:58
Operator : JC/SP
Sample : K2603-17 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ69

Quant Time: May 02 05:59:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1024887	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	967838	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	477930	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	246558	28.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 57.48%#			
7) Chloroethane-d5	1.68	69	218999	33.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 66.08%#			
11) 1,1-Dichloroethene-d2	2.26	63	400950	23.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 46.94%#			
21) 2-Butanone-d5	4.19	46	762470	98.11	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.11%			
24) Chloroform-d	4.64	84	564118	35.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 71.82%			
26) 1,2-Dichloroethane-d4	5.31	65	390666	38.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 76.12%			
32) Benzene-d6	5.33	84	1136411	38.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 76.48%			
36) 1,2-Dichloropropane-d6	6.32	67	419537	40.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 80.24%			
41) Toluene-d8	7.56	98	988435	38.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 76.36%#			
43) trans-1,3-Dichloropropene-	7.85	79	185002	41.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.44%			
47) 2-Hexanone-d5	8.32	63	534307	118.06	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 118.06%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	610806	43.53	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.06%			
64) 1,2-Dichlorobenzene-d4	11.86	152	401893	39.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.98%#			
Target Compounds						Qvalue
33) Benzene	5.38	78	462127	12.987	ug/L	100
35) Methylcyclohexane	6.41	83	12467	0.964	ug/L #	92
42) Toluene	7.63	91	598659	16.889	ug/L	98
52) Ethylbenzene	9.25	91	1325422	36.048	ug/L	100
53) m,p-Xylene	9.37	106	2898022	226.221	ug/L	99
54) o-xylene	9.77	106	1323133	104.180	ug/L	97
55) Styrene	9.79	104	3708719	170.922	ug/L	96
56) Isopropylbenzene	10.16	105	78562	2.352	ug/L	99

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

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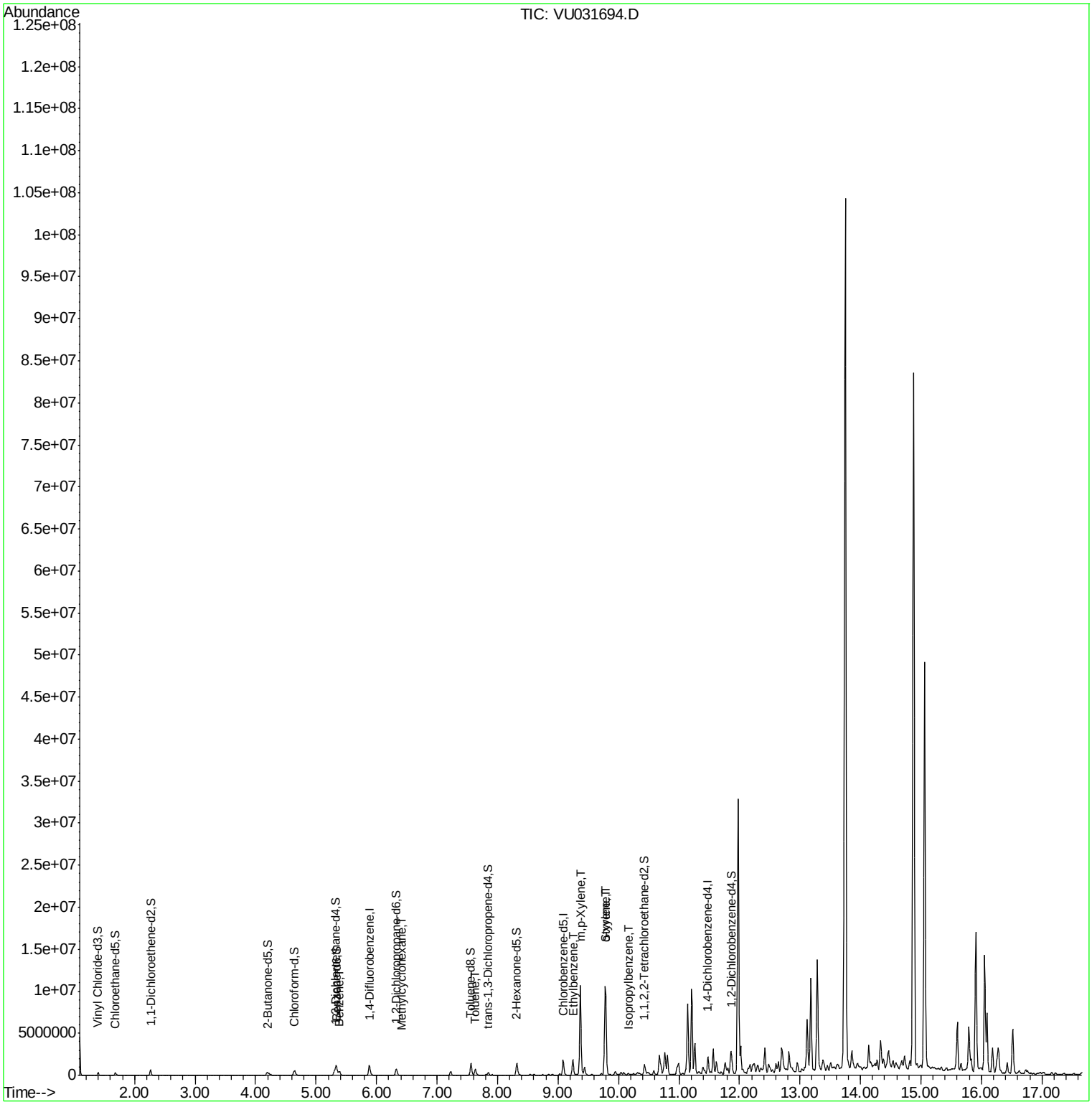
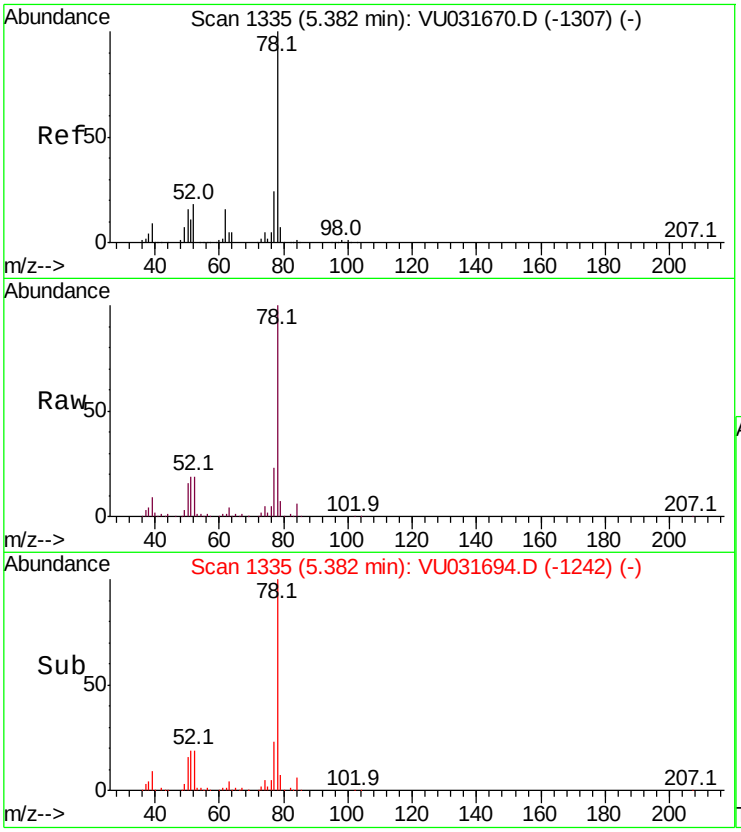
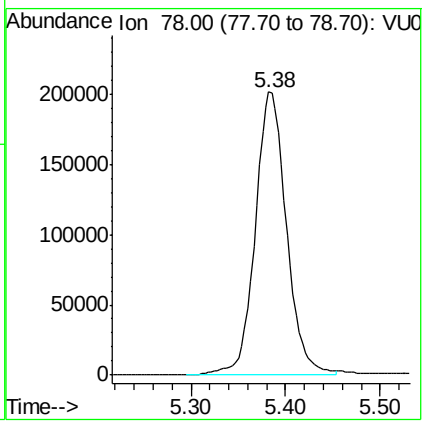


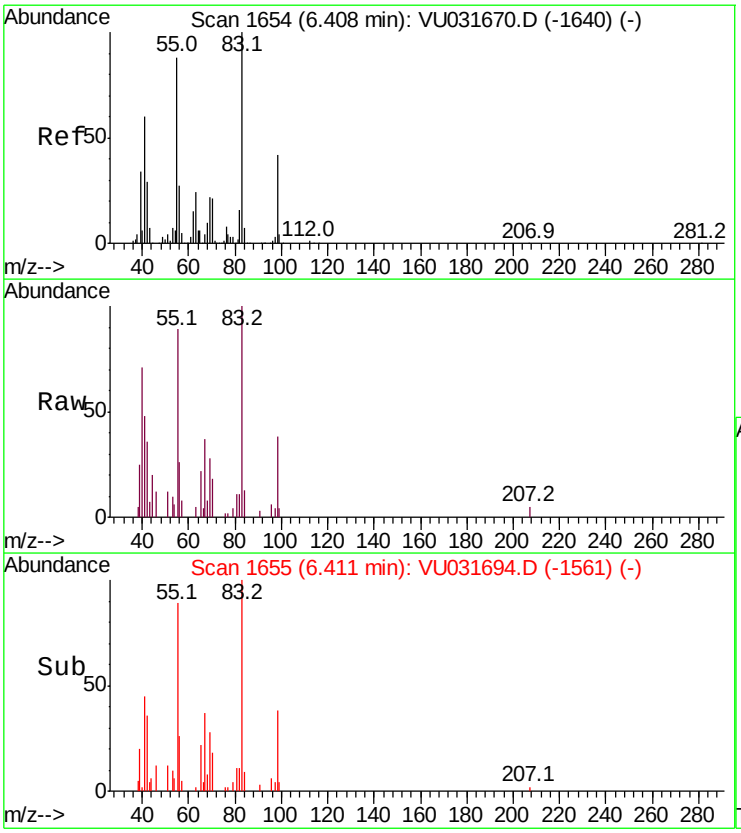


#33
Benzene
Concen: 12.987 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU031694.D
Acq: 01 May 2019 18:58

Instrument :
MSVOA_U
ClientSampleId :
GAJ69

Tgt Ion: 78 Resp: 462127

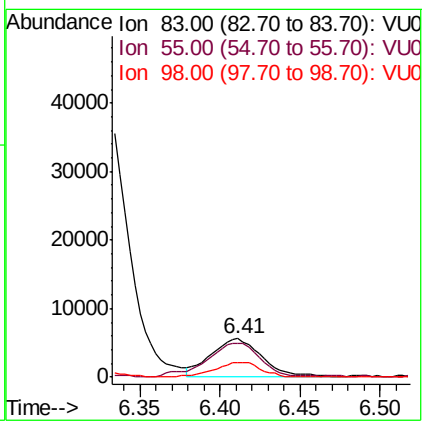


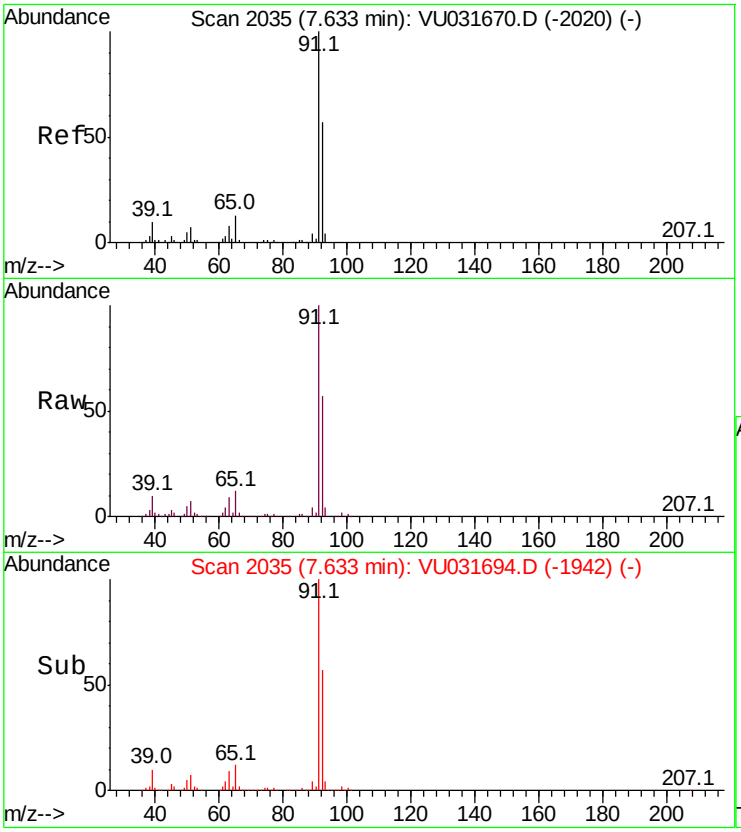


#35
Methylcyclohexane
Concen: 0.964 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU031694.D
Acq: 01 May 2019 18:58

Tgt Ion: 83 Resp: 12467

Ion	Ratio	Lower	Upper
83	100		
55	87.1	73.0	109.4
98	34.7	35.3	52.9#



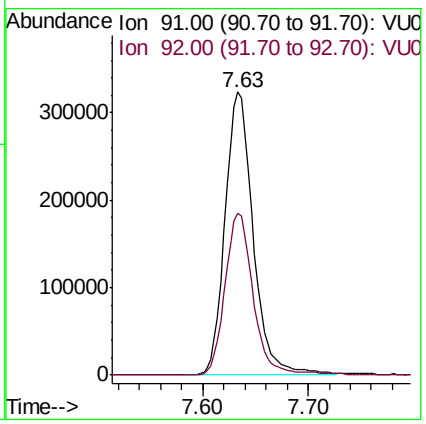


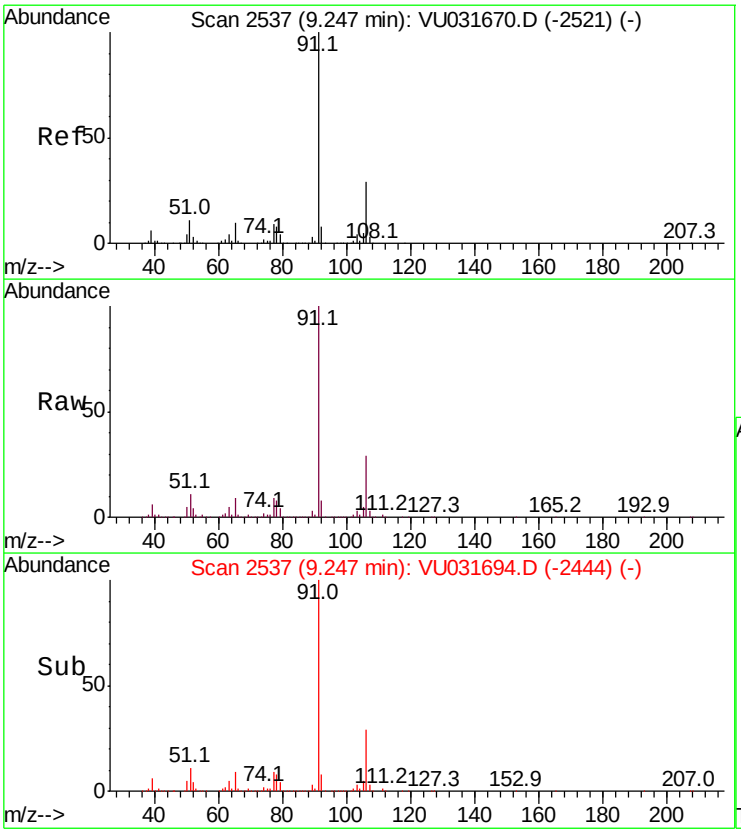
#42
Toluene
Concen: 16.889 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU031694.D
Acq: 01 May 2019 18:58

Instrument : MSVOA_U
ClientSampleId : GAJ69

Tgt Ion: 91 Resp: 598659

Ion	Ratio	Lower	Upper
91	100		
92	57.3	39.0	72.4

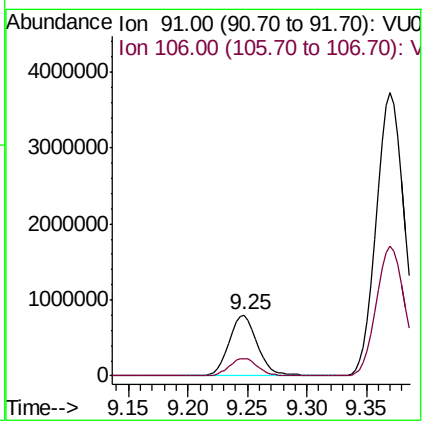


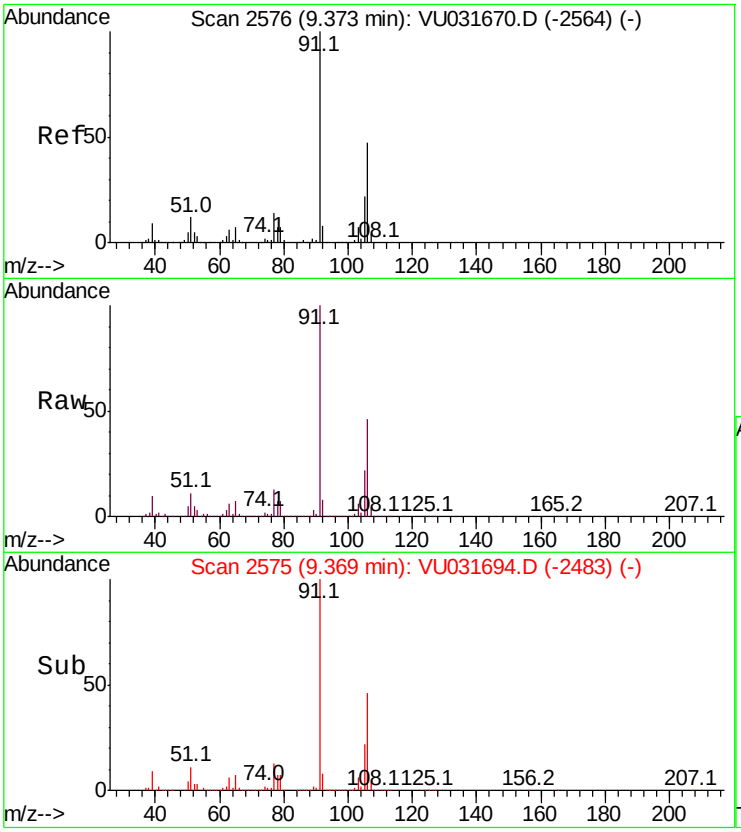


#52
Ethylbenzene
Concen: 36.048 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU031694.D
Acq: 01 May 2019 18:58

Tgt Ion: 91 Resp: 1325422

Ion	Ratio	Lower	Upper
91	100		
106	29.3	20.4	37.8



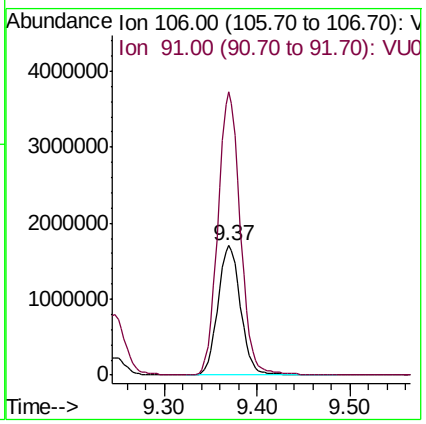


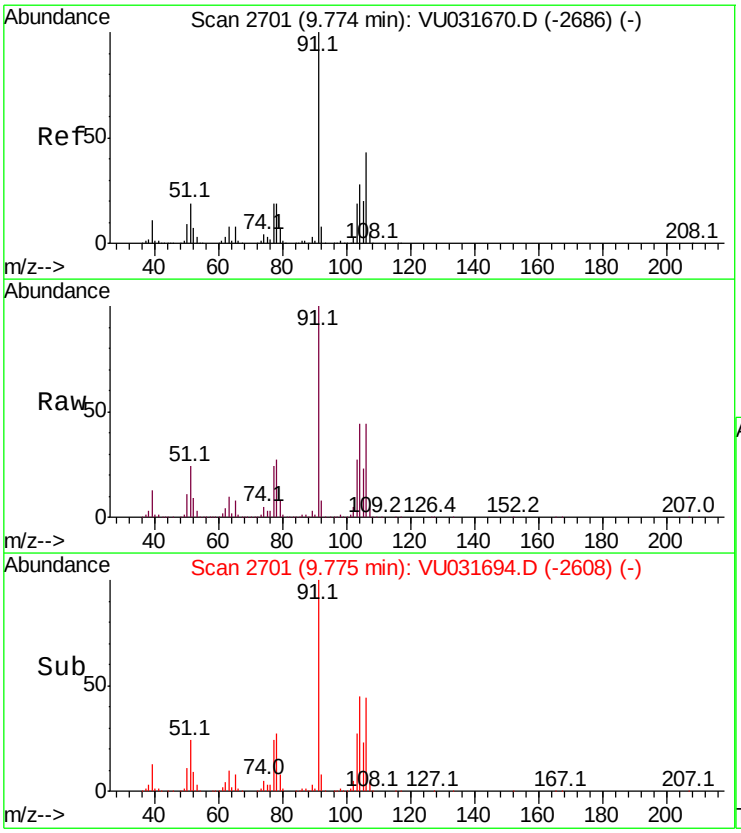
#53
m,p-Xylene
Concen: 226.221 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU031694.D
Acq: 01 May 2019 18:58

Instrument :
MSVOA_U
ClientSampleId :
GAJ69

Tgt Ion:106 Resp: 2898022

Ion	Ratio	Lower	Upper
106	100		
91	218.6	152.2	282.6

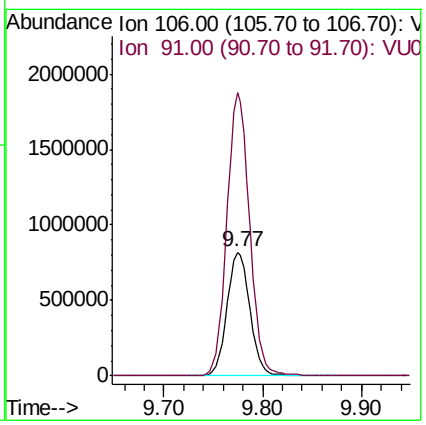


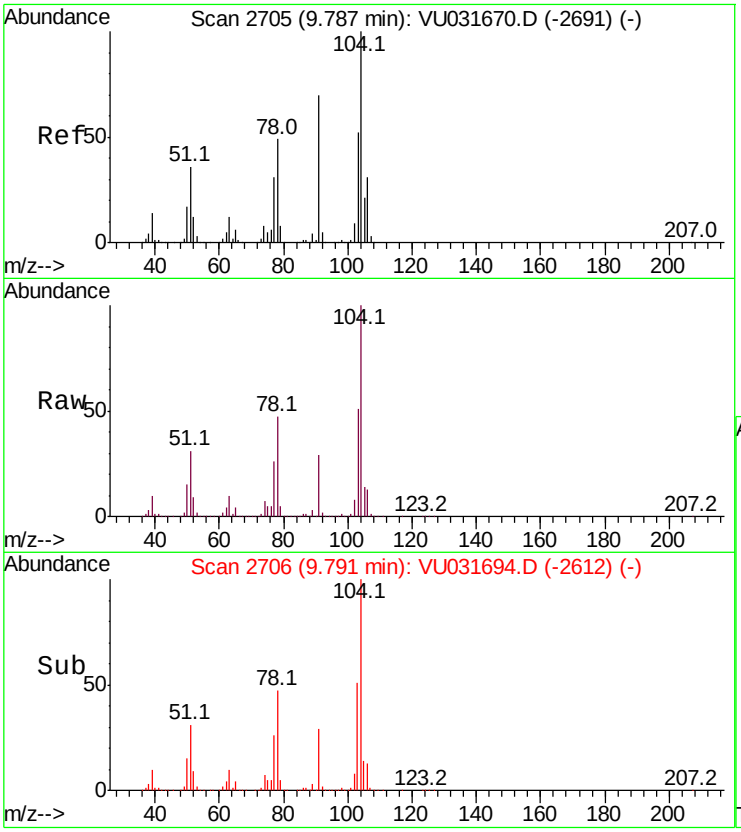


#54
o-xylene
Concen: 104.180 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU031694.D
Acq: 01 May 2019 18:58

Tgt Ion:106 Resp: 1323133

Ion	Ratio	Lower	Upper
106	100		
91	228.9	163.2	303.2



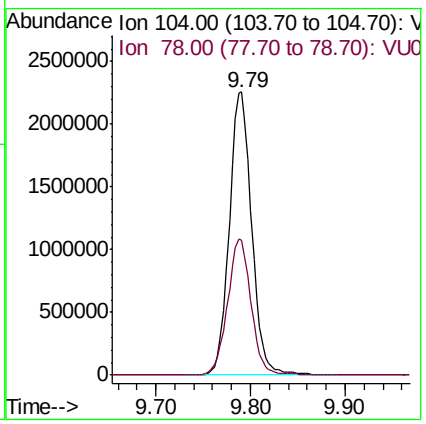


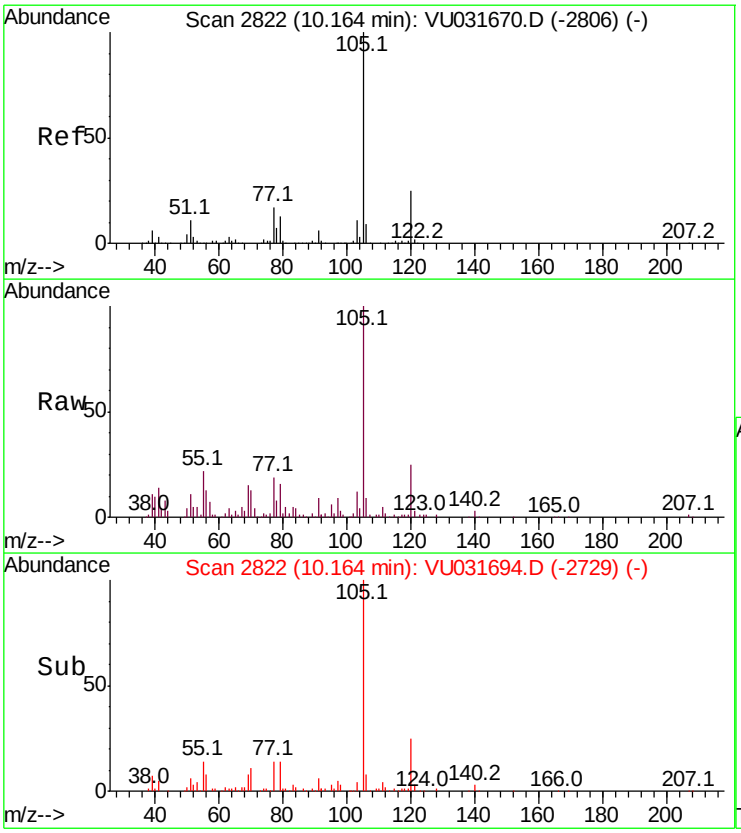
#55
Stvrene
Concen: 170.922 ug/L
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU031694.D
Acq: 01 May 2019 18:58

Instrument :
MSVOA_U
ClientSampleId :
GAJ69

Tgt Ion:104 Resp: 3708719

Ion	Ratio	Lower	Upper
104	100		
78	47.5	35.4	65.7





#56
Isopropylbenzene
Concen: 2.352 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU031694.D
Acq: 01 May 2019 18:58

Tgt Ion:105 Resp: 78562

Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.1	30.1
77	18.4	13.8	20.6