Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050219\

Quantitation Report (Not Reviewed)

Data File : VU031702.D
Acq On : 02 May 2019 11:15
Operator : JC/SP
Sample : K2603-16DL 10X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ68DL

Quant Time: May 03 04:40:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 04:37:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1031325	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	981011	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	470355	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	234639	27.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 54.36%#			
7) Chloroethane-d5	1.68	69	213827	32.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 64.12%#			
11) 1,1-Dichloroethene-d2	2.26	63	387620	22.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 45.10%#			
21) 2-Butanone-d5	4.19	46	735395	94.03	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.03%			
24) Chloroform-d	4.64	84	564451	35.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 71.42%			
26) 1,2-Dichloroethane-d4	5.31	65	385452	37.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 74.64%			
32) Benzene-d6	5.33	84	1112648	36.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 73.88%			
36) 1,2-Dichloropropane-d6	6.33	67	419628	39.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 79.18%			
41) Toluene-d8	7.56	98	971213	37.02	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 74.04%#			
43) trans-1,3-Dichloropropene-	7.85	79	176740	38.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.70%			
47) 2-Hexanone-d5	8.31	63	513416	111.92	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.92%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	607624	42.72	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.44%			
64) 1,2-Dichlorobenzene-d4	11.86	152	397440	40.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.36%			
Target Compounds						Qvalue
33) Benzene	5.39	78	20960	0.581	ug/L	100
42) Toluene	7.63	91	234794	6.535	ug/L	97
48) 2-Hexanone	8.31	43	63404	4.976	ug/L #	67
52) Ethylbenzene	9.25	91	1205625	32.350	ug/L	100
53) m,p-Xylene	9.37	106	265118	20.417	ug/L	96
54) o-xylene	9.77	106	332301	25.813	ug/L	99
55) Styrene	9.79	104	430364	19.568	ug/L	99
56) Isopropylbenzene	10.17	105	31349	0.926	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.49	83	12966	0.866	ug/L #	38
69) Naphthalene	13.61	128	36942	1.174	ug/L #	1

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

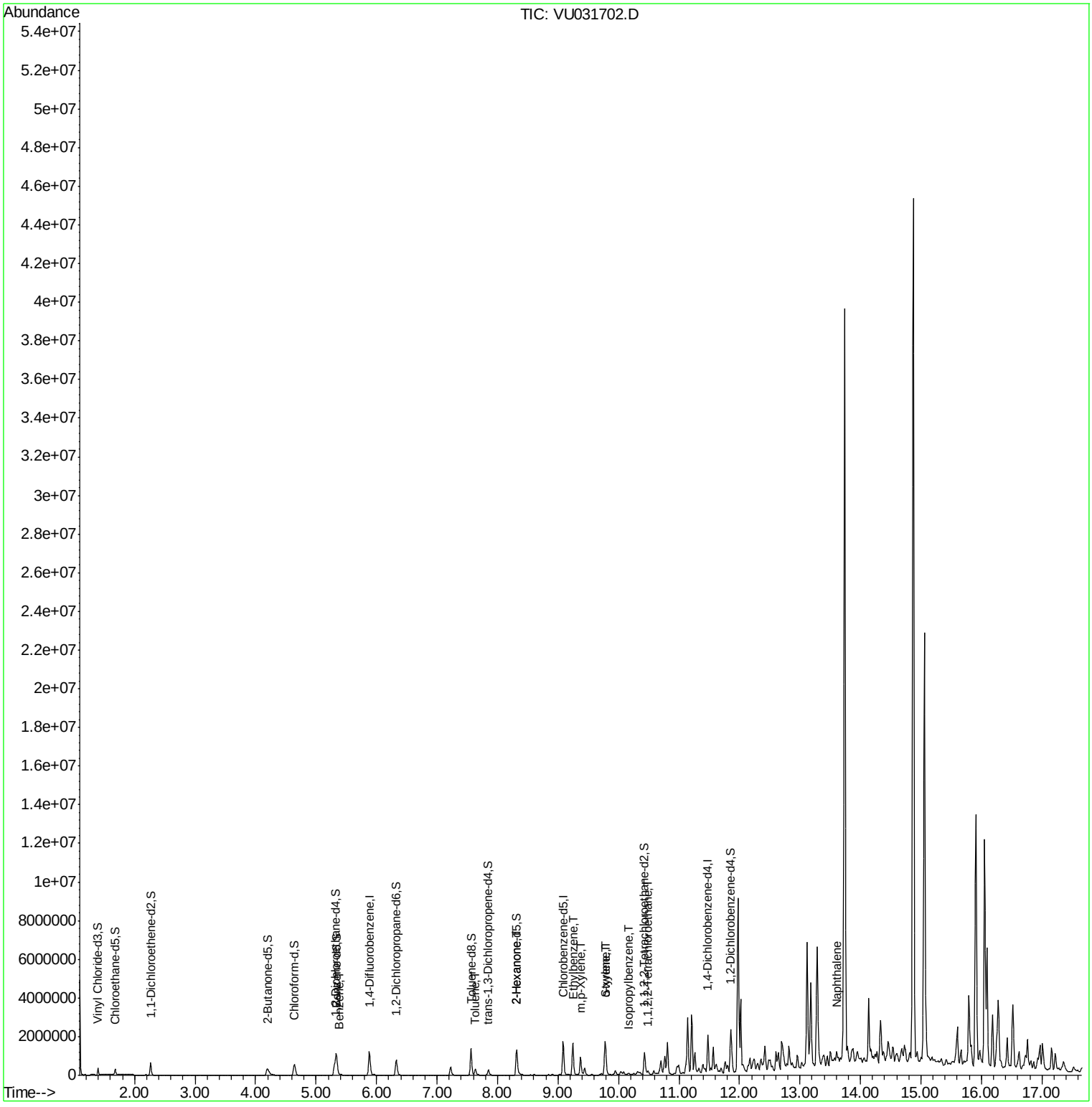
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050219\

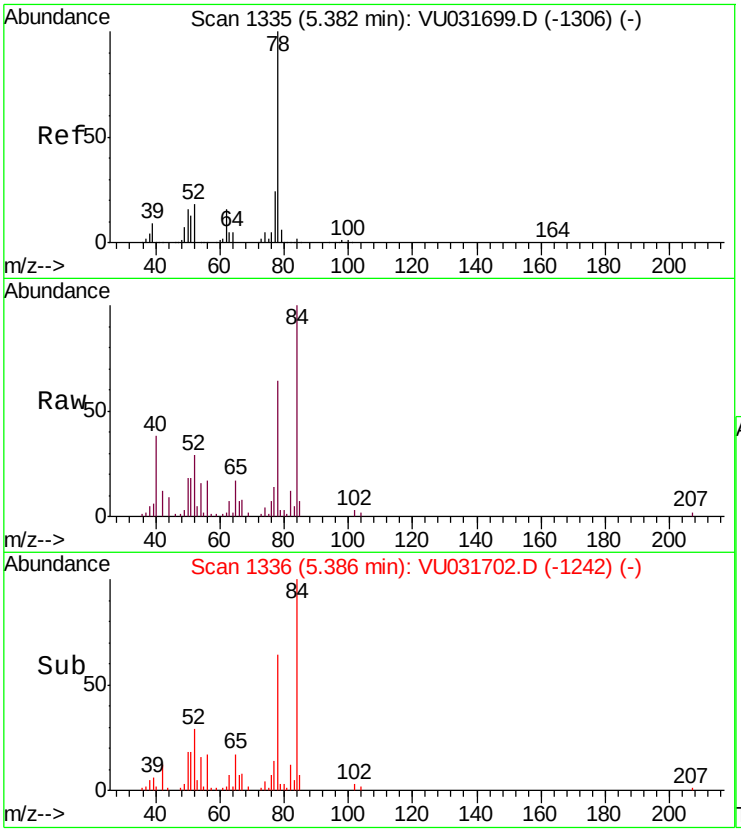
Quantitation Report (Not Reviewed)

Data File : VU031702.D
Acq On : 02 May 2019 11:15
Operator : JC/SP
Sample : K2603-16DL 10X
Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ68DL

Quant Time: May 03 04:40:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 04:37:29 2019
Response via : Initial Calibration

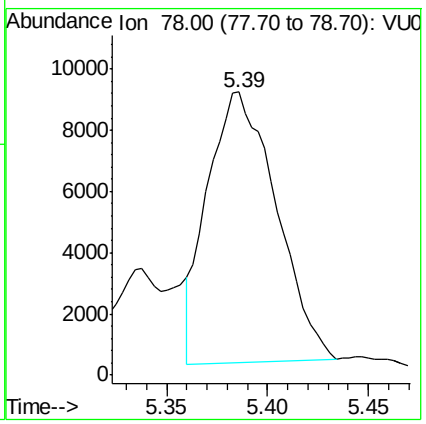


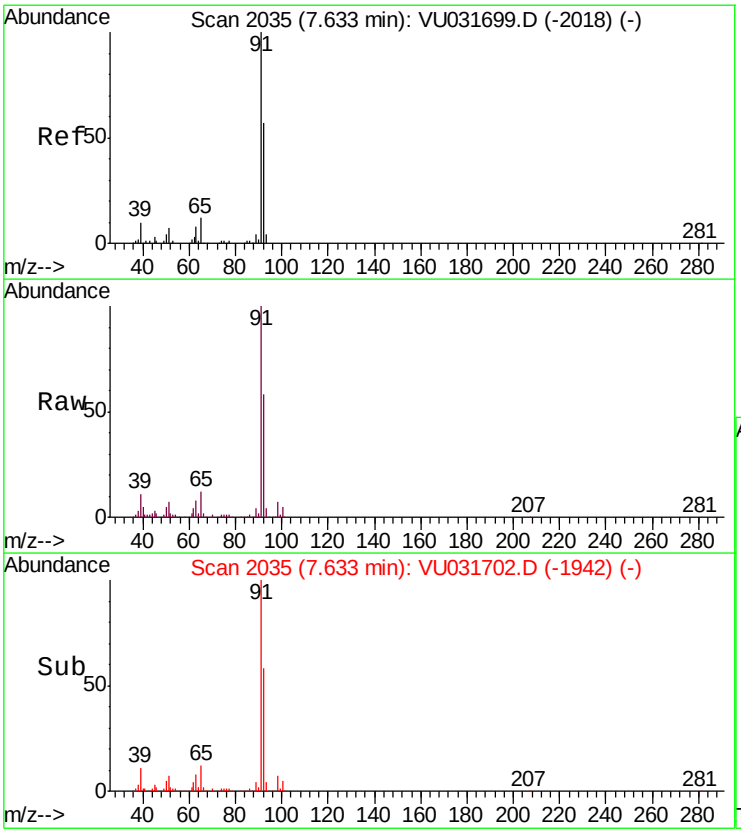


#33
Benzene
Concen: 0.581 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU031702.D
Acq: 02 May 2019 11:15

Instrument :
MSVOA_U
ClientSampleId :
GAJ68DL

Tgt Ion: 78 Resp: 20960

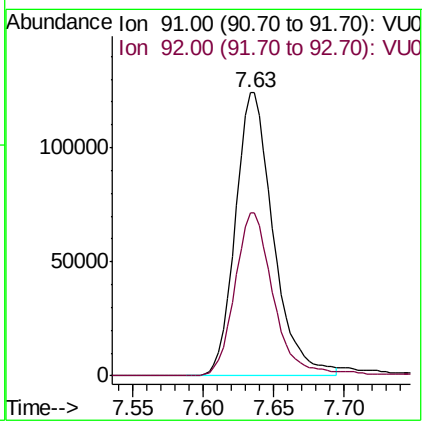


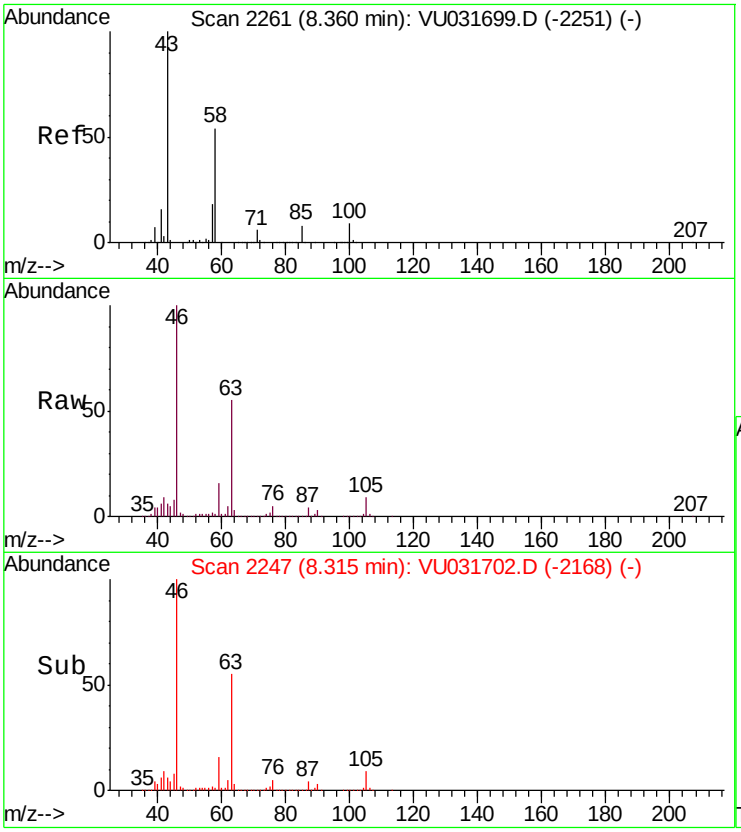


#42
Toluene
Concen: 6.535 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VU031702.D
Acq: 02 May 2019 11:15

Tgt Ion: 91 Resp: 234794

Ion	Ratio	Lower	Upper
91	100		
92	57.6	39.0	72.4



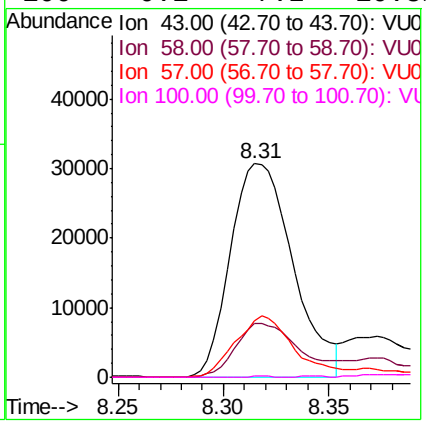


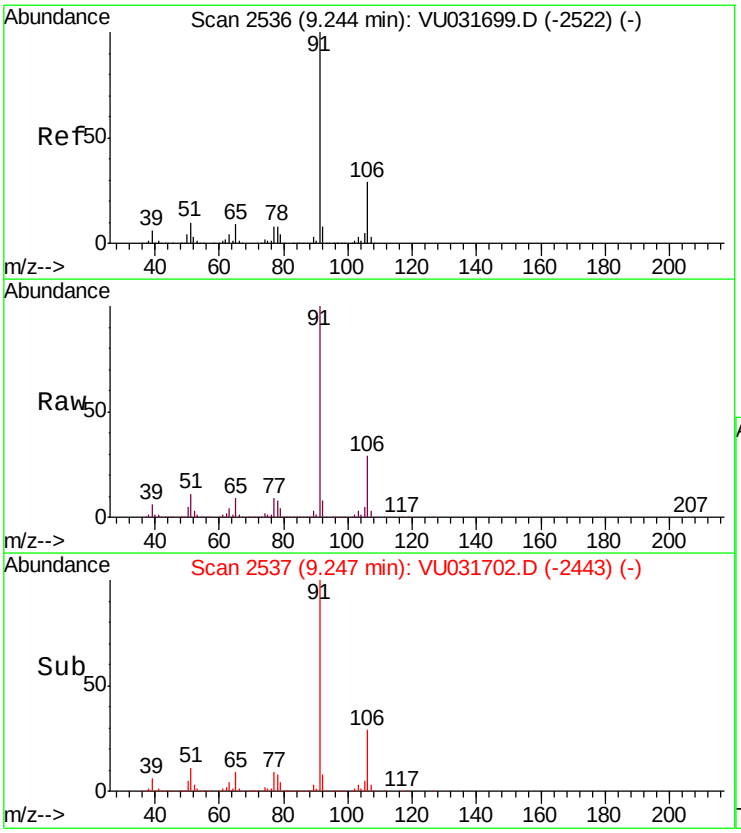
#48
2-Hexanone
Concen: 4.976 ug/L
RT: 8.31 min Scan# 2247
Delta R.T. -0.05 min
Lab File: VU031702.D
Acq: 02 May 2019 11:15

Instrument : MSVOA_U
ClientSampleId : GAJ68DL

Tgt Ion: 43 Resp: 63404

Ion	Ratio	Lower	Upper
43	100		
58	25.3	42.1	63.1#
57	26.8	14.6	22.0#
100	0.1	7.2	10.8#

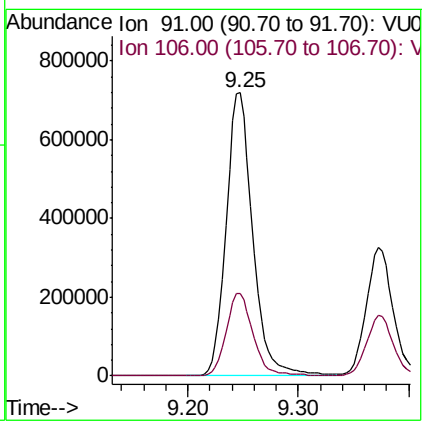


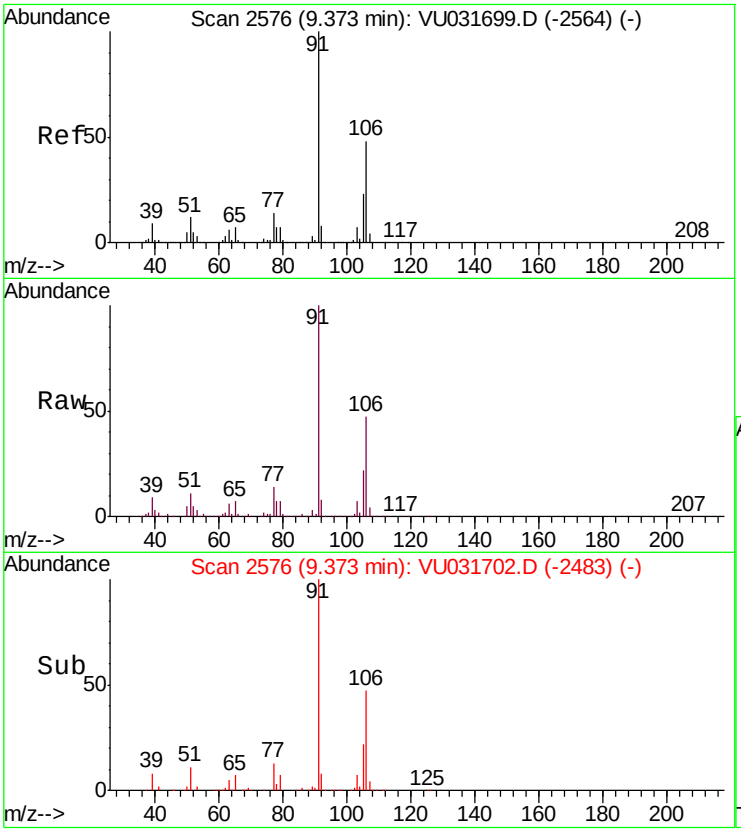


#52
Ethylbenzene
Concen: 32.350 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU031702.D
Acq: 02 May 2019 11:15

Tgt Ion: 91 Resp: 1205625

Ion	Ratio	Lower	Upper
91	100		
106	29.1	20.4	37.8



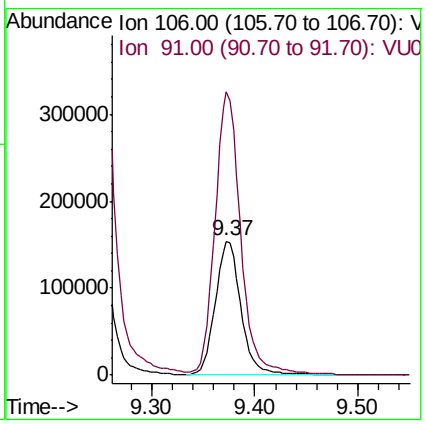


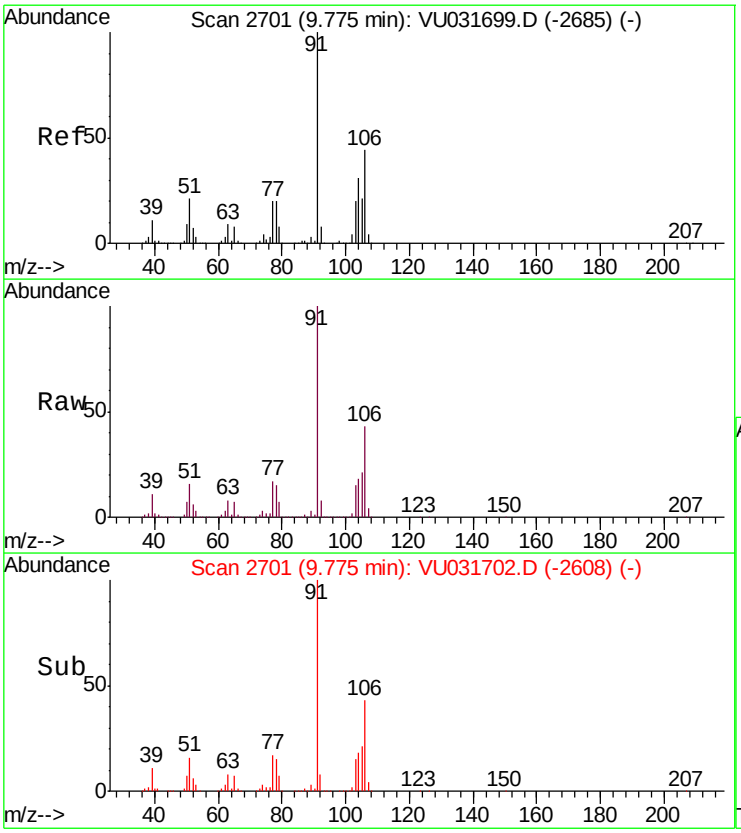
#53
m,p-Xylene
Concen: 20.417 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VU031702.D
Acq: 02 May 2019 11:15

Instrument :
MSVOA_U
ClientSampleId :
GAJ68DL

Tgt Ion:106 Resp: 265118

Ion	Ratio	Lower	Upper
106	100		
91	211.4	152.2	282.6

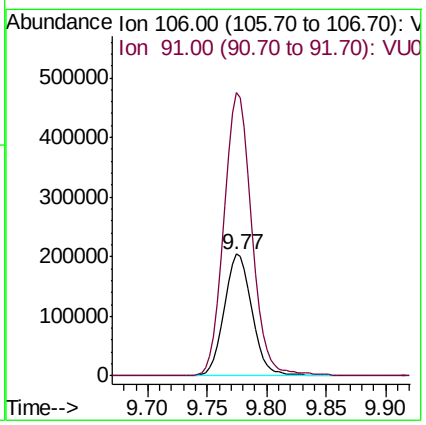


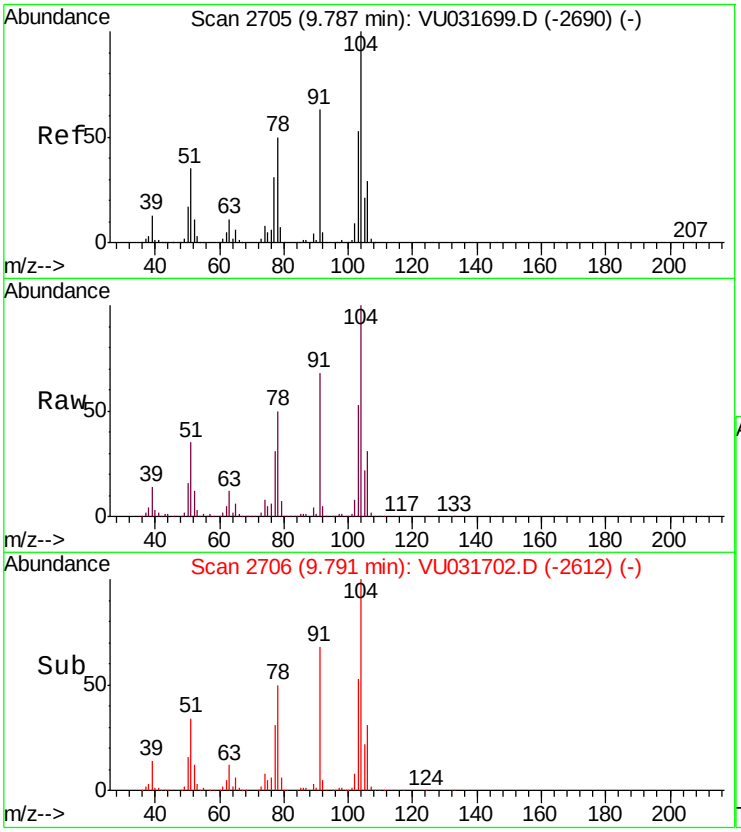


#54
o-xylene
Concen: 25.813 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU031702.D
Acq: 02 May 2019 11:15

Tgt Ion:106 Resp: 332301

Ion	Ratio	Lower	Upper
106	100		
91	232.1	163.2	303.2



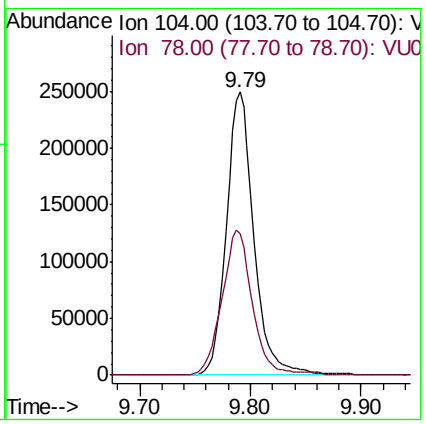


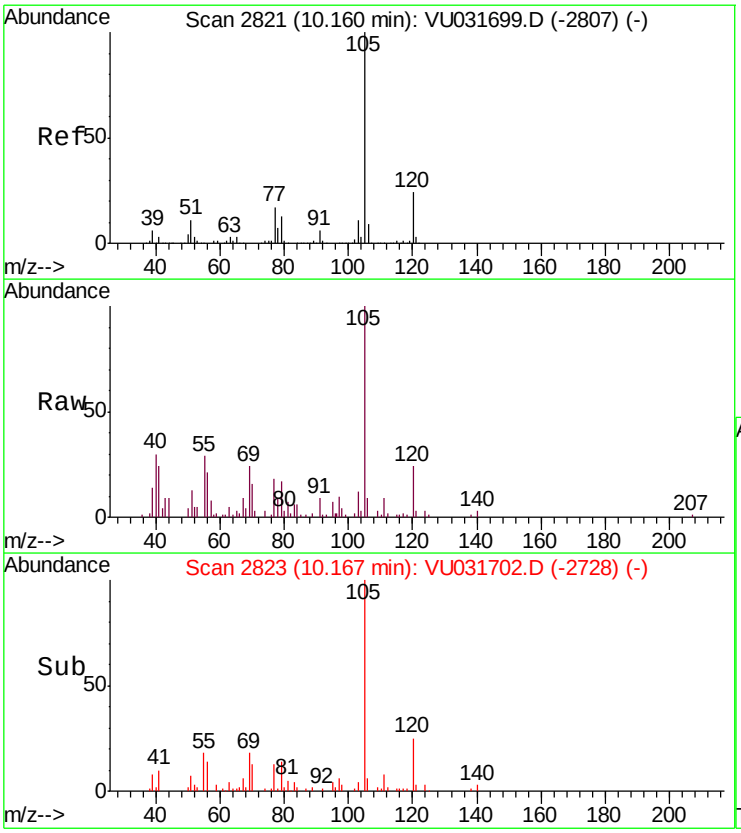
#55
Styrene
Concen: 19.568 ug/L
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU031702.D
Acq: 02 May 2019 11:15

Instrument : MSVOA_U
ClientSampleId : GAJ68DL

Tgt Ion:104 Resp: 430364

Ion	Ratio	Lower	Upper
104	100		
78	50.1	35.4	65.7

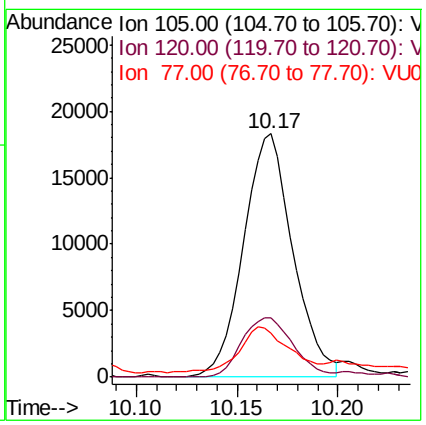


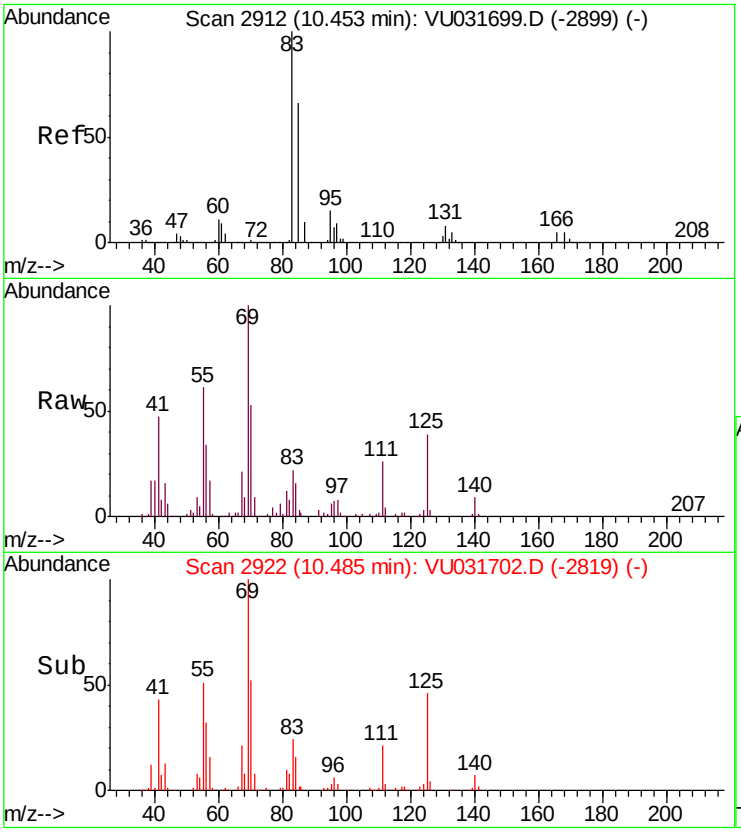


#56
Isopropylbenzene
Concen: 0.926 ug/L
RT: 10.17 min Scan# 2823
Delta R.T. 0.01 min
Lab File: VU031702.D
Acq: 02 May 2019 11:15

Tgt Ion:105 Resp: 31349

Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.1	30.1
77	18.3	13.8	20.6



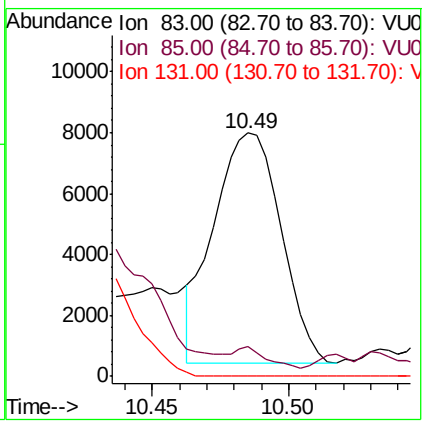


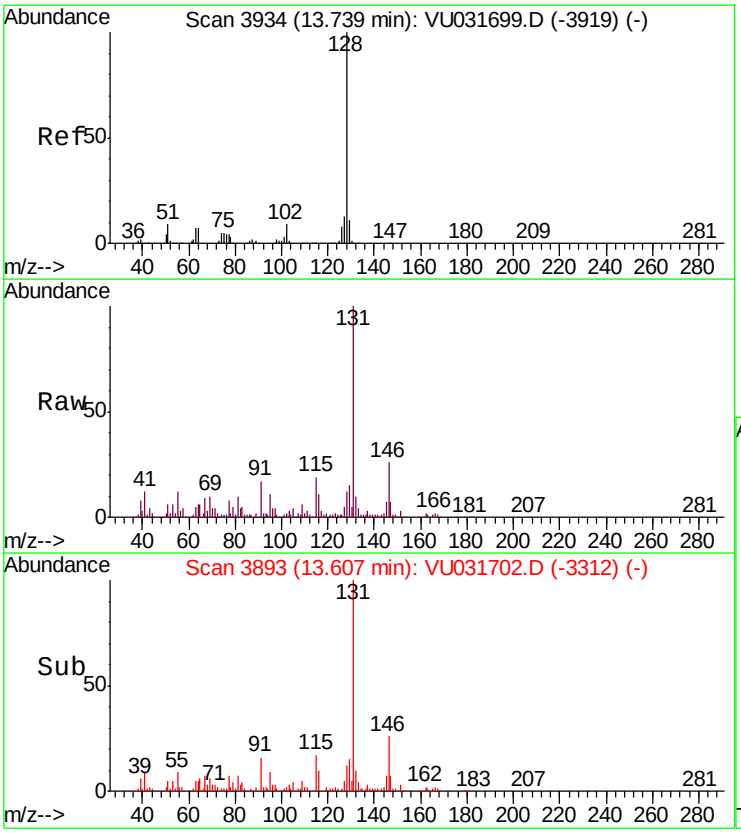
#58
1,1,2,2-Tetrachloroethane
Concen: 0.866 ug/L
RT: 10.49 min Scan# 2922
Delta R.T. 0.03 min
Lab File: VU031702.D
Acq: 02 May 2019 11:15

Instrument : MSVOA_U
ClientSampleId : GAJ68DL

Tgt Ion: 83 Resp: 12966

Ion	Ratio	Lower	Upper
83	100		
85	12.2	46.0	85.4#
131	0.0	7.3	10.9#





#69
Naphthalene
Concen: 1.174 ug/L
RT: 13.61 min Scan# 3893
Delta R.T. -0.13 min
Lab File: VU031702.D
Acq: 02 May 2019 11:15

Tgt Ion:128 Resp: 36942

Ion	Ratio	Lower	Upper
128	100		
127	45.9	10.6	15.8#
129	139.1	8.7	13.1#