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

Quantitation Report (Not Reviewed)

Data File : VU031361.D
Acq On : 19 Apr 2019 16:01
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

Quant Time: Apr 19 23:15:45 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	630705	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	577265	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	293123	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	173495	29.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 59.74%#			
7) Chloroethane-d5	1.68	69	121635	24.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 48.24%#			
11) 1,1-Dichloroethene-d2	2.24	63	279903	24.33	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 48.66%#			
21) 2-Butanone-d5	4.21	46	357165	84.43	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 84.43%			
24) Chloroform-d	4.64	84	320454	33.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 66.14%#			
26) 1,2-Dichloroethane-d4	5.31	65	188873	31.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 63.30%#			
32) Benzene-d6	5.33	84	623899	34.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 68.38%#			
36) 1,2-Dichloropropane-d6	6.32	67	221665	37.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 74.86%			
41) Toluene-d8	7.56	98	592721	36.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 73.82%#			
43) trans-1,3-Dichloropropene-	7.85	79	103282	36.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.96%			
47) 2-Hexanone-d5	8.34	63	248203	88.77	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.77%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	297152	36.14	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 72.28%			
64) 1,2-Dichlorobenzene-d4	11.86	152	240776	35.82	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 71.64%#			
Target Compounds						Qvalue
16) Methylene chloride	2.68	84	3083	0.641	ug/L	98
37) 1,2-Dichloropropane	6.33	63	23261	4.524	ug/L #	88
48) 2-Hexanone	8.34	43	28323	4.909	ug/L #	52
52) Ethylbenzene	9.25	91	100437	4.777	ug/L	100
53) m,p-Xylene	9.37	106	363640	49.010	ug/L	99
54) o-xylene	9.78	106	440124	58.576	ug/L	96
55) Styrene	9.80	104	1187613	93.635	ug/L	97
56) Isopropylbenzene	10.17	105	31348	1.628	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	18704	9.621	ug/L #	4

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

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Quantitation Report (Not Reviewed)

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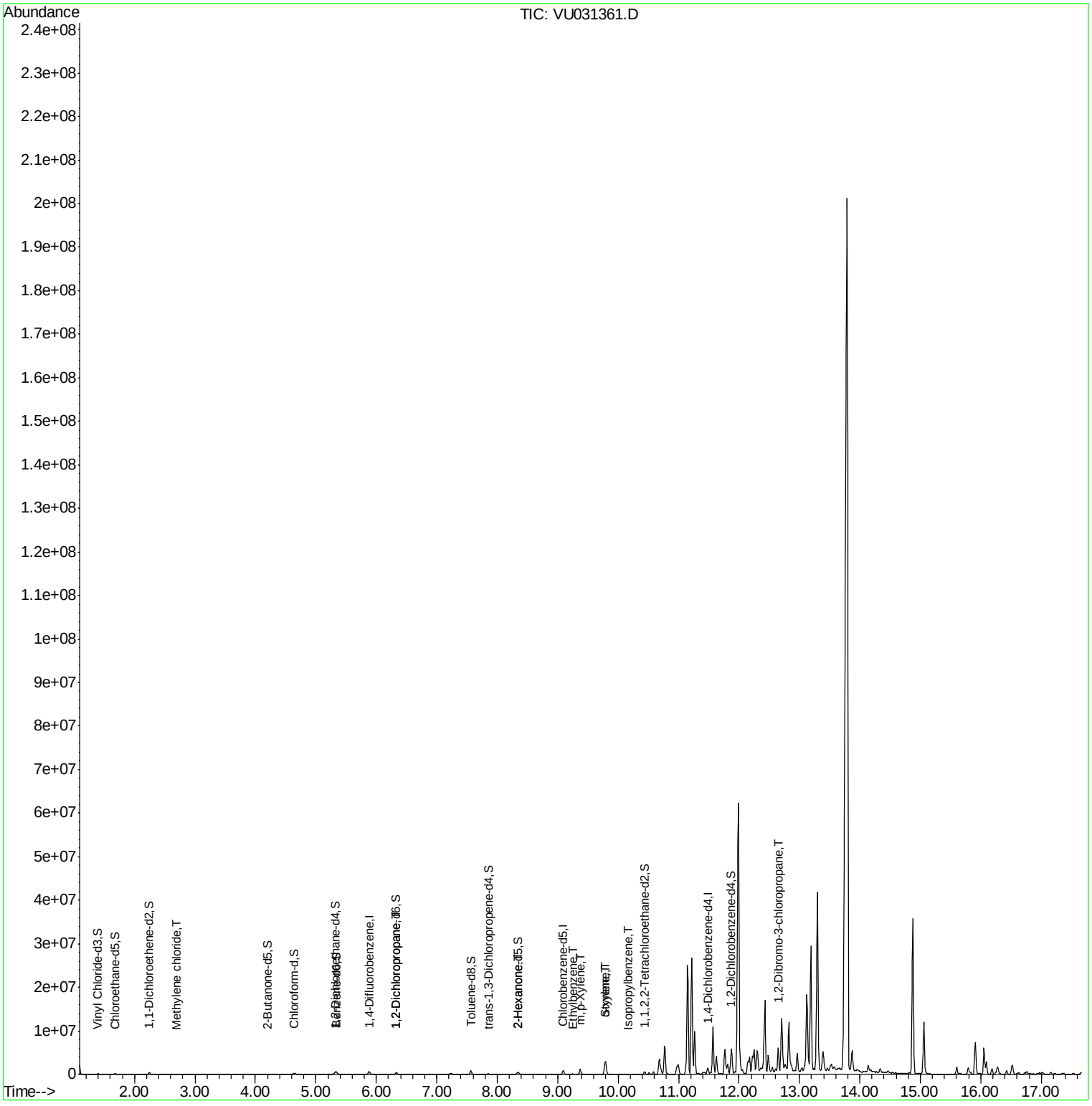
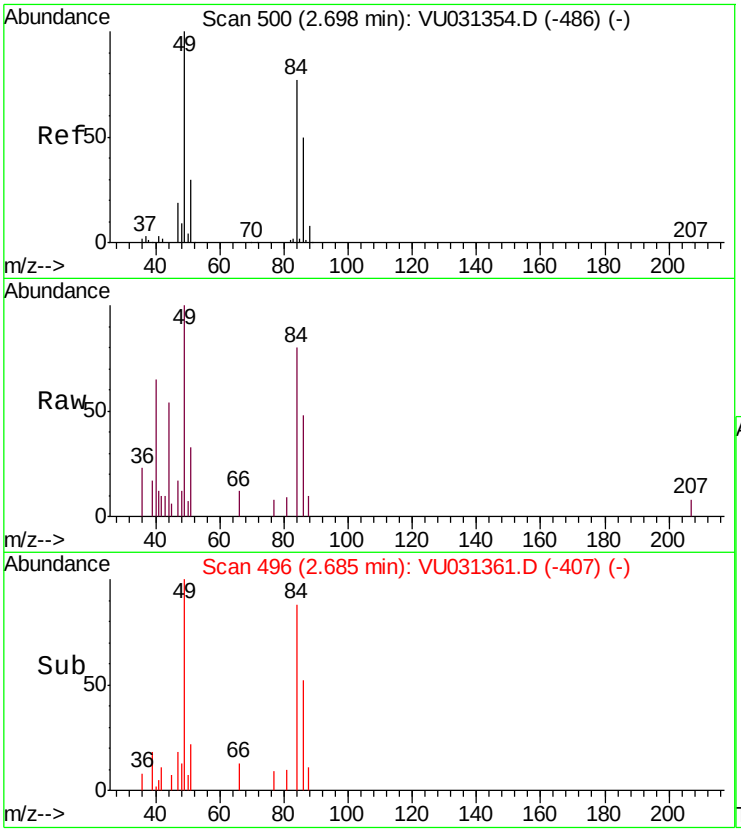
Operator : JC/SP
Sample : K2455-02
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

Quant Time: Apr 19 23:15:45 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



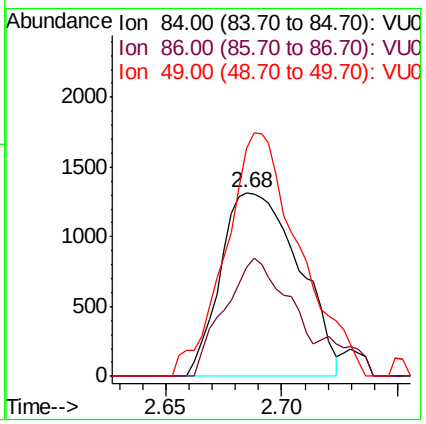


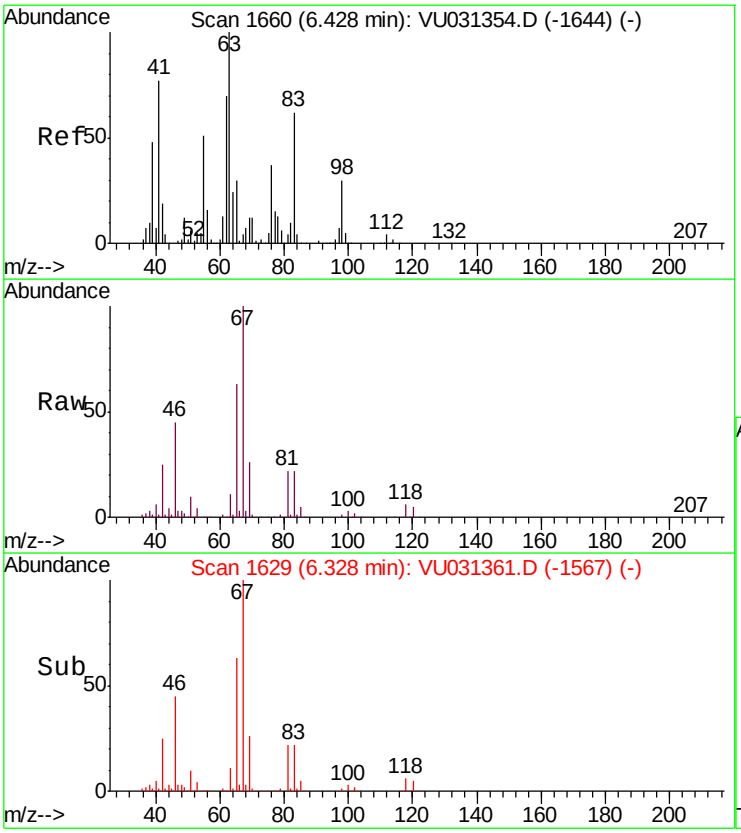
#16
Methylene chloride
Concen: 0.641 ug/L
RT: 2.68 min Scan# 496
Delta R.T. -0.01 min
Lab File: VU031361.D
Acq: 19 Apr 2019 16:01

Instrument :
MSVOA_U
ClientSampleId :
GAHQ4

Tgt Ion: 84 Resp: 3083

Ion	Ratio	Lower	Upper
84	100		
86	59.6	44.0	81.8
49	124.6	88.0	163.4

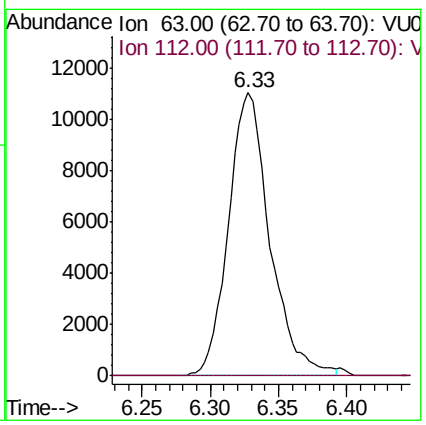


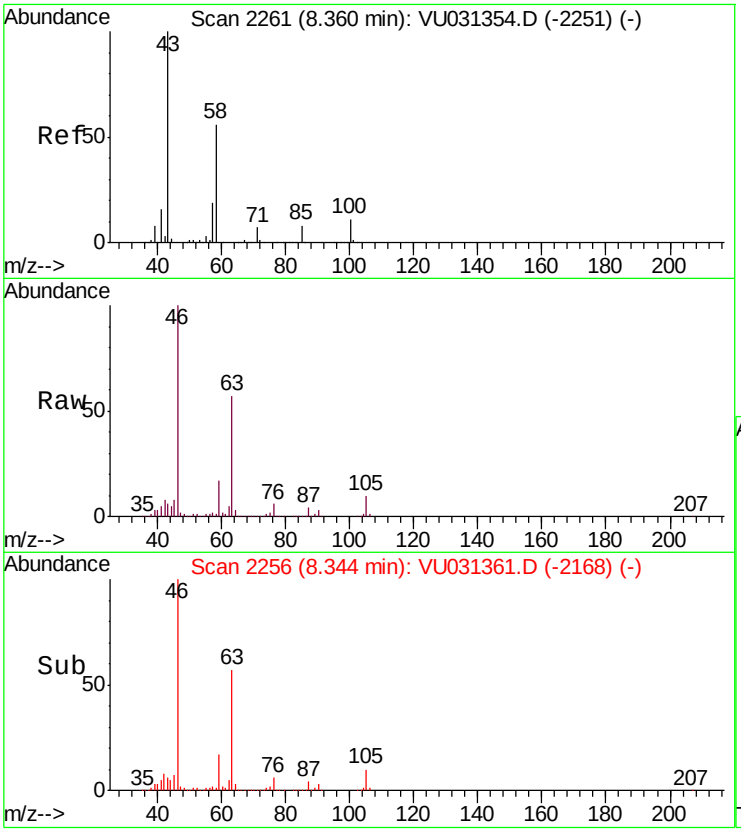


#37
1,2-Dichloropropane
Concen: 4.524 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU031361.D
Acq: 19 Apr 2019 16:01

Tgt Ion: 63 Resp: 23261

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#



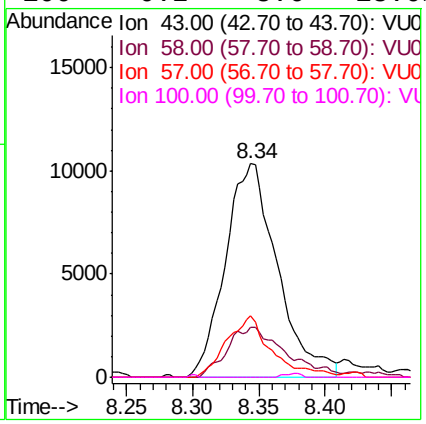


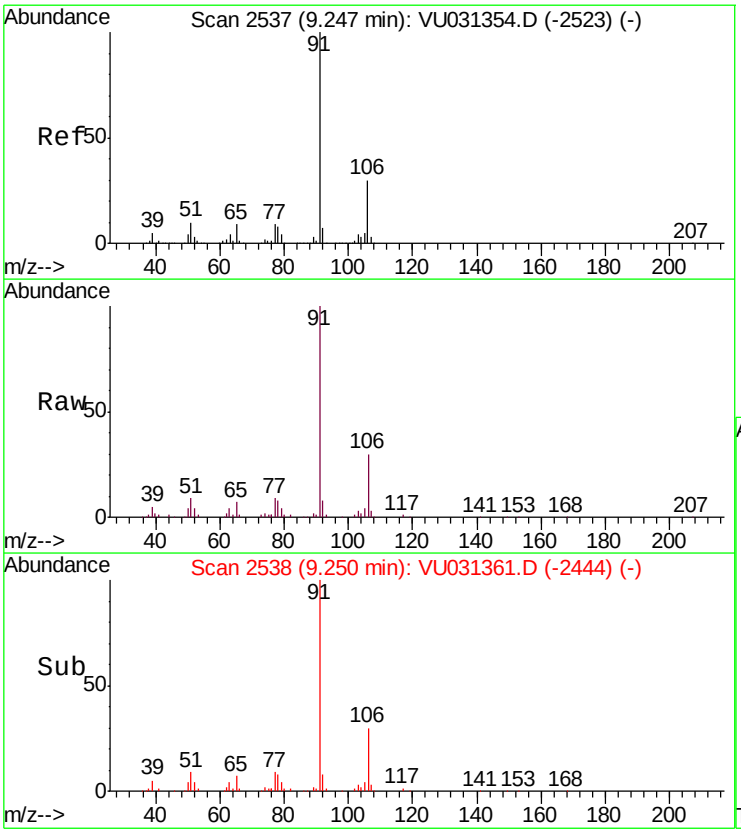
#48
2-Hexanone
Concen: 4.909 ug/L
RT: 8.34 min Scan# 2256
Delta R.T. -0.02 min
Lab File: VU031361.D
Acq: 19 Apr 2019 16:01

Instrument : MSVOA_U
ClientSampleId : GAHQ4

Tgt Ion: 43 Resp: 28323

Ion	Ratio	Lower	Upper
43	100		
58	8.2	44.9	67.3#
57	22.9	15.1	22.7#
100	0.2	8.6	13.0#

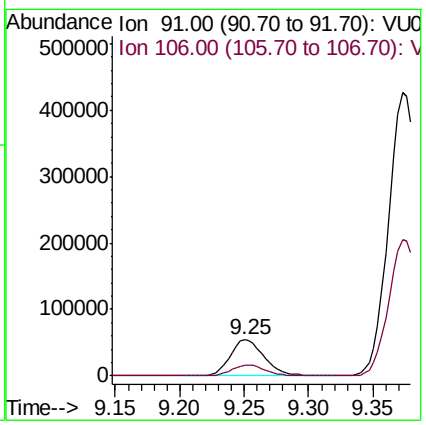


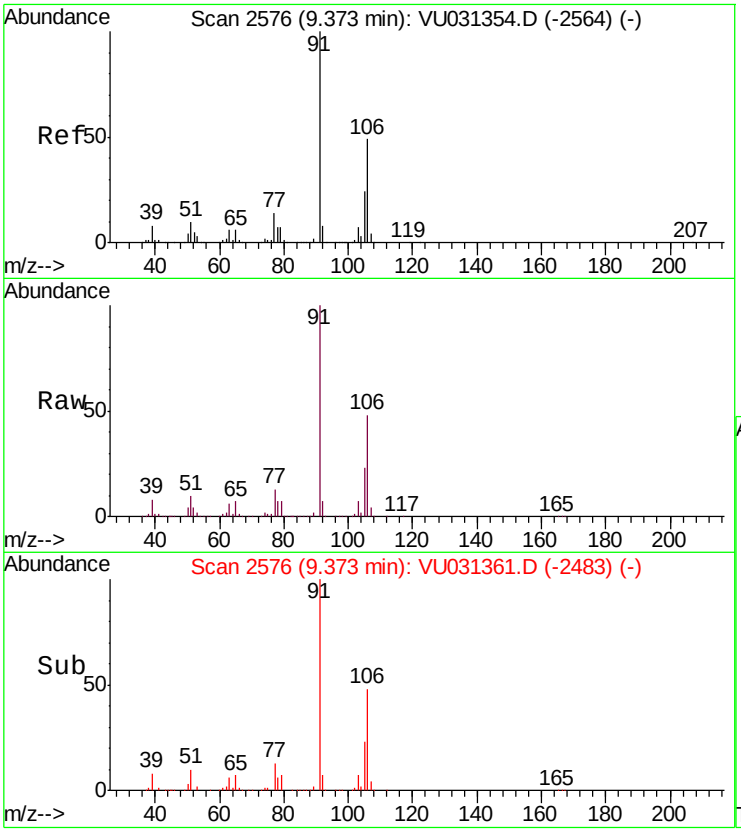


#52
Ethylbenzene
Concen: 4.777 ug/L
RT: 9.25 min Scan# 2538
Delta R.T. 0.00 min
Lab File: VU031361.D
Acq: 19 Apr 2019 16:01

Tgt Ion: 91 Resp: 100437

Ion	Ratio	Lower	Upper
91	100		
106	29.7	20.9	38.7



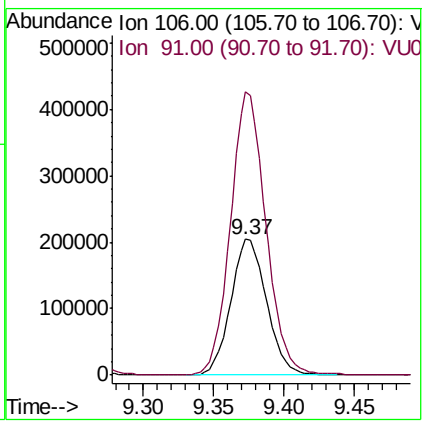


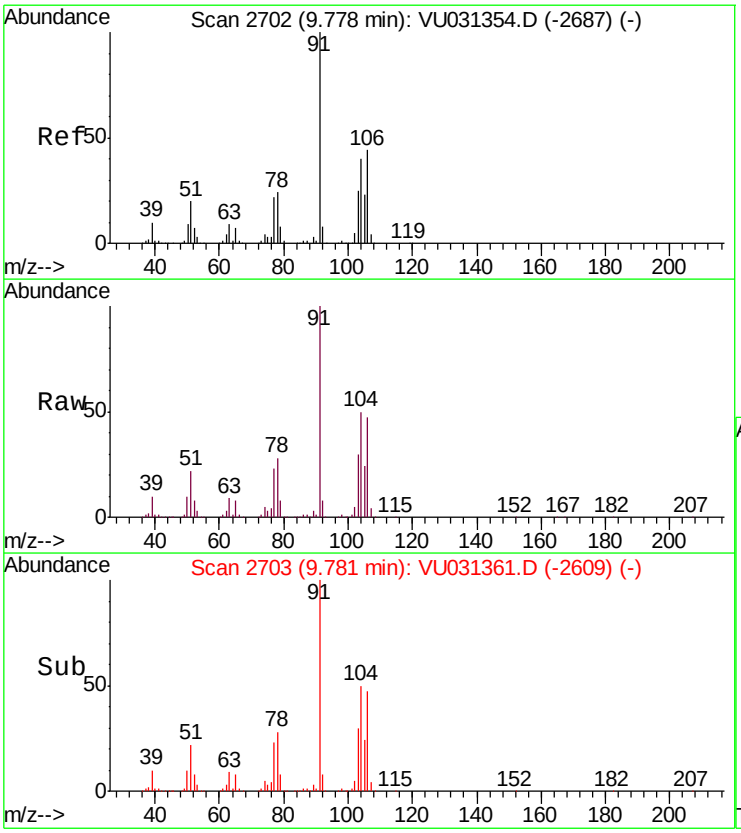
#53
m,p-Xylene
Concen: 49.010 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VU031361.D
Acq: 19 Apr 2019 16:01

Instrument :
MSVOA_U
ClientSampleId :
GAHQ4

Tgt Ion:106 Resp: 363640

Ion	Ratio	Lower	Upper
106	100		
91	208.7	144.5	268.4

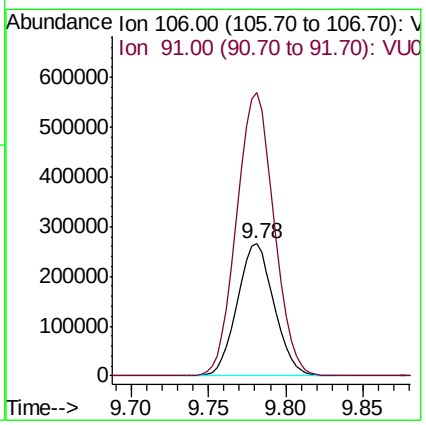


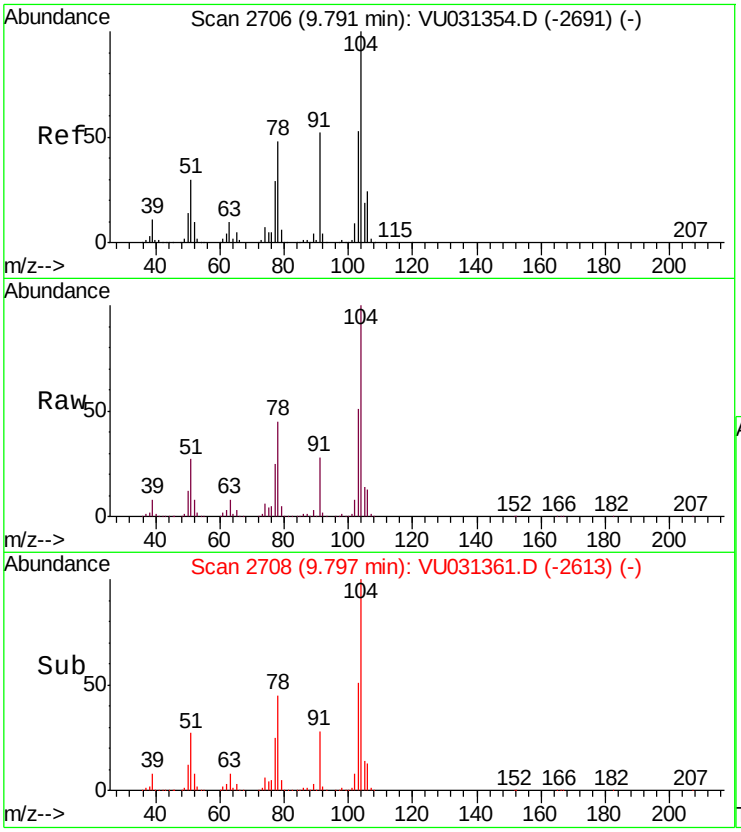


#54
o-xylene
Concen: 58.576 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.00 min
Lab File: VU031361.D
Acq: 19 Apr 2019 16:01

Tgt Ion:106 Resp: 440124

Ion	Ratio	Lower	Upper
106	100		
91	214.5	154.3	286.5



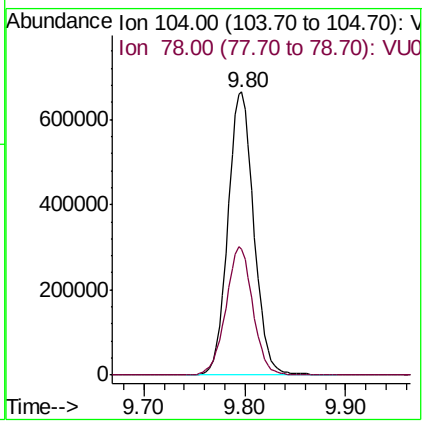


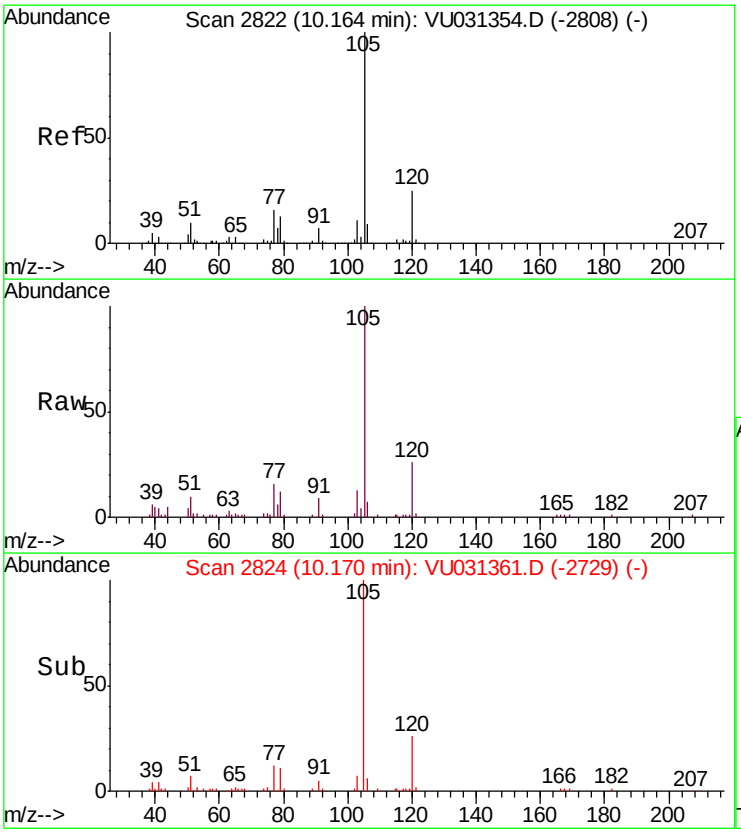
#55
Styrene
Concen: 93.635 ug/L
RT: 9.80 min Scan# 2708
Delta R.T. 0.01 min
Lab File: VU031361.D
Acq: 19 Apr 2019 16:01

Instrument : MSVOA_U
ClientSampleId : GAHQ4

Tgt Ion:104 Resp: 1187613

Ion	Ratio	Lower	Upper
104	100		
78	44.7	32.8	61.0

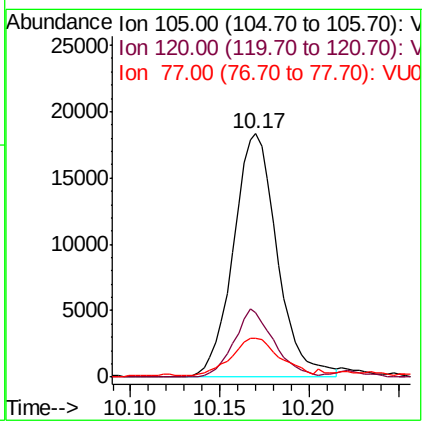


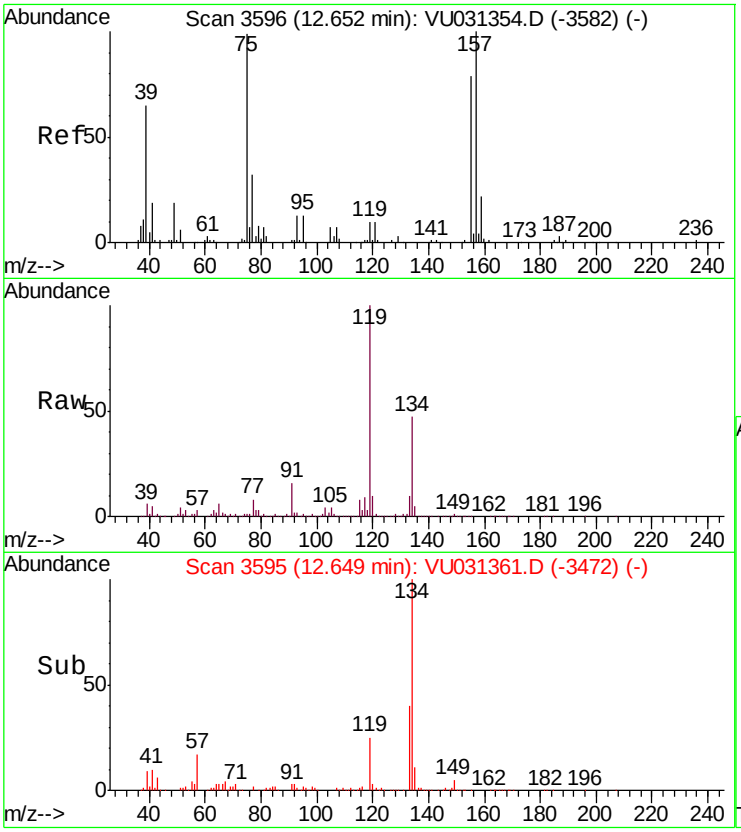


#56
Isopropylbenzene
Concen: 1.628 ug/L
RT: 10.17 min Scan# 2824
Delta R.T. 0.01 min
Lab File: VU031361.D
Acq: 19 Apr 2019 16:01

Tgt Ion:105 Resp: 31348

Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.6	31.0
77	18.2	13.0	19.4





#66
1,2-Dibromo-3-chloropropane
Concen: 9.621 ug/L
RT: 12.65 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU031361.D
Acq: 19 Apr 2019 16:01

Instrument :
MSVOA_U
ClientSampleId :
GAHQ4

Tgt Ion: 75 Resp: 18704

Ion	Ratio	Lower	Upper
75	100		
155	4.7	66.7	100.1#
157	0.0	86.5	129.7#