Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\

Quantitation Report (Not Reviewed)

Data File : VU031528.D
Acq On : 26 Apr 2019 13:24
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

Quant Time: Apr 27 00:23:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:11:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	775625	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	748326	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	363470	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	81817	12.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 25.20%#			
7) Chloroethane-d5	1.68	69	73032	14.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 29.12%#			
11) 1,1-Dichloroethene-d2	2.24	63	114735	8.88	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 17.76%#			
21) 2-Butanone-d5	4.21	46	489527	83.23	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 83.23%			
24) Chloroform-d	4.64	84	318312	26.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 53.54%#			
26) 1,2-Dichloroethane-d4	5.31	65	225175	28.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 57.98%#			
32) Benzene-d6	5.33	84	434702	18.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 37.84%#			
36) 1,2-Dichloropropane-d6	6.33	67	217488	26.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 53.80%#			
41) Toluene-d8	7.57	98	308633	15.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 30.84%#			
43) trans-1,3-Dichloropropene-	7.86	79	96095	27.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 55.38%#			
47) 2-Hexanone-d5	8.34	63	324743	92.80	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.80%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	430458	39.67	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 79.34%			
64) 1,2-Dichlorobenzene-d4	11.86	152	258071	33.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 67.52%#			
Target Compounds						Qvalue
15) Methyl Acetate	2.63	43	11939	1.191	ug/L	96
33) Benzene	5.39	78	15551	0.565	ug/L	100
42) Toluene	7.64	91	88694	3.236	ug/L	97
48) 2-Hexanone	8.34	43	48672	5.008	ug/L #	61
52) Ethylbenzene	9.25	91	38921	1.369	ug/L	97
53) m,p-Xylene	9.38	106	50876	5.136	ug/L	99
54) o-xylene	9.78	106	67285	6.852	ug/L	97
55) Styrene	9.80	104	65062	3.878	ug/L	95
58) 1,1,2,2-Tetrachloroethane	10.49	83	64637	5.657	ug/L #	33
66) 1,2-Dibromo-3-chloropropan	12.65	75	8261	2.784	ug/L #	26
69) Naphthalene	13.74	128	1274584	52.401	ug/L	98
70) 1,2,3-Trichlorobenzene	13.94	180	11618	1.430	ug/L #	1

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

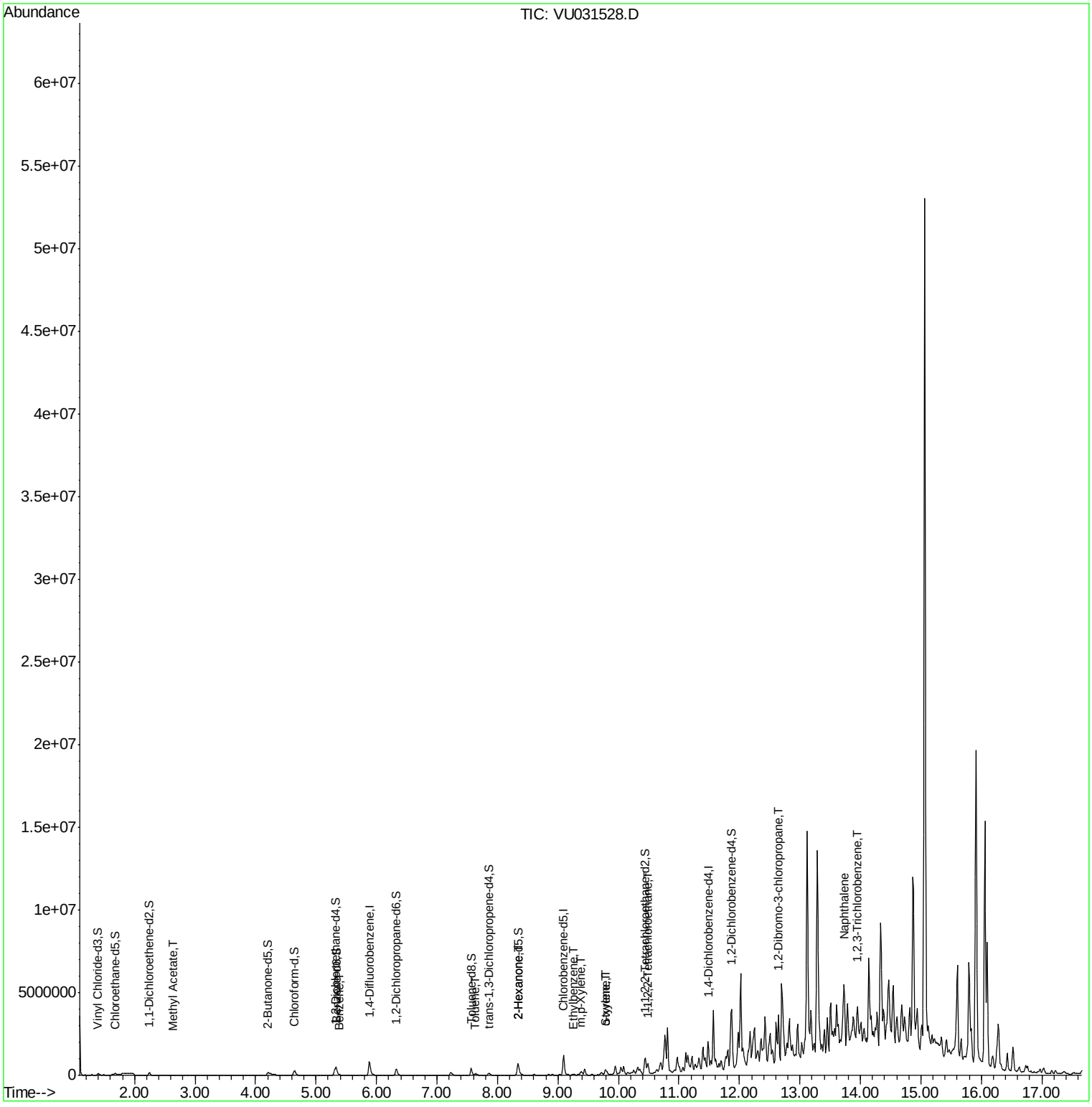
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\

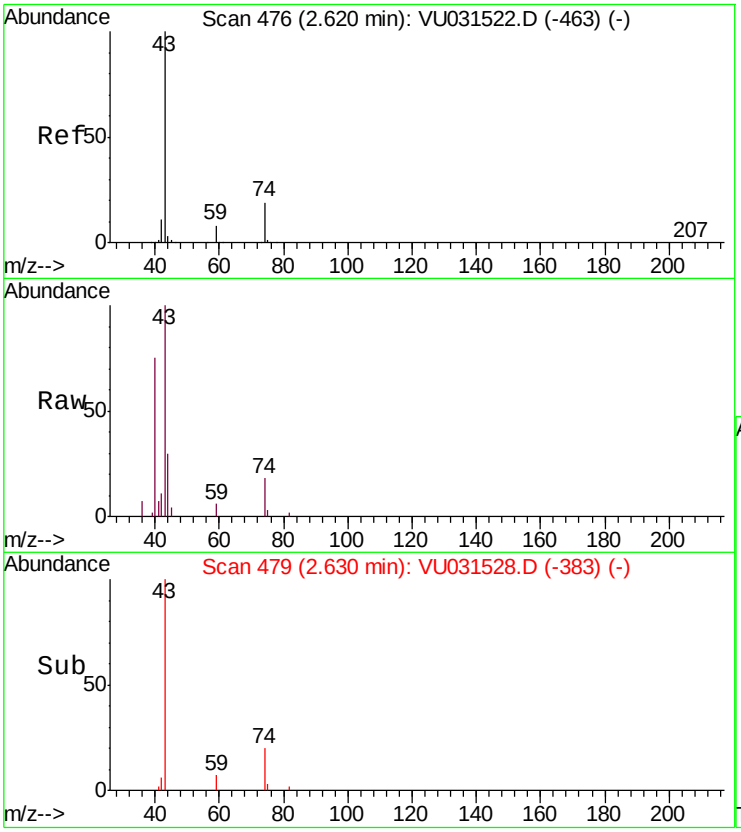
Quantitation Report (Not Reviewed)

Data File : VU031528.D
Acq On : 26 Apr 2019 13:24
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

Quant Time: Apr 27 00:23:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:11:31 2019
Response via : Initial Calibration



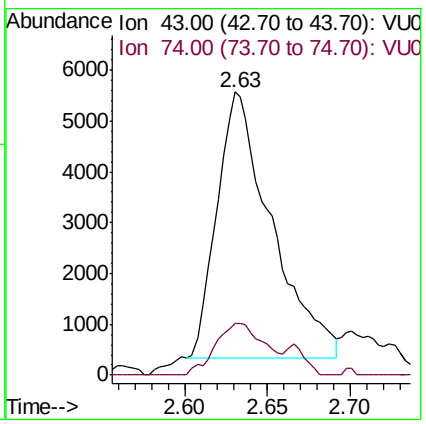


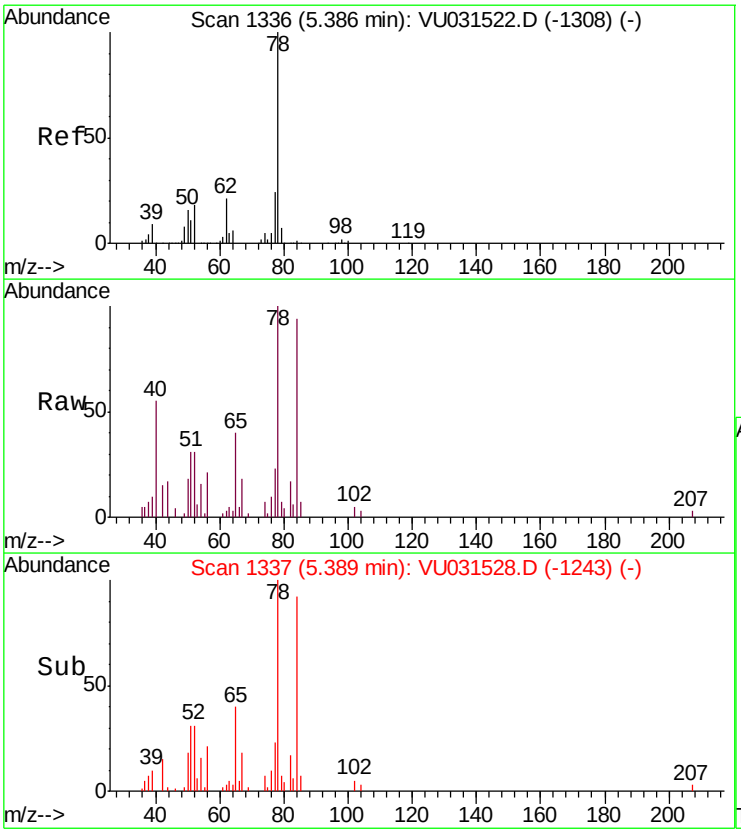
#15
Methyl Acetate
Concen: 1.191 ug/L
RT: 2.63 min Scan# 479
Delta R.T. 0.01 min
Lab File: VU031528.D
Acq: 26 Apr 2019 13:24

Instrument :
MSVOA_U
ClientSampleId :
GAHX3ME

Tgt Ion: 43 Resp: 11939

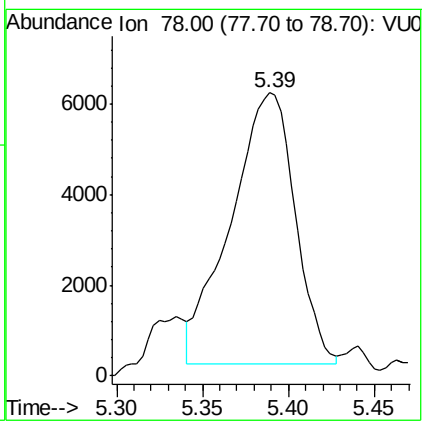
Ion	Ratio	Lower	Upper
43	100		
74	17.9	15.7	23.5

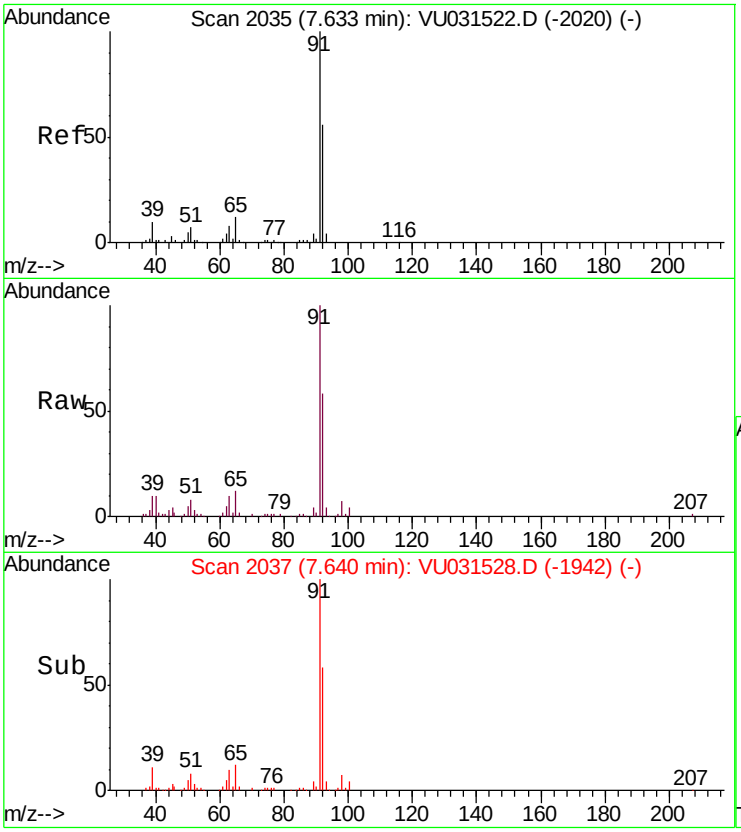




#33
Benzene
Concen: 0.565 ug/L
RT: 5.39 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU031528.D
Acq: 26 Apr 2019 13:24

Tgt Ion: 78 Resp: 15551



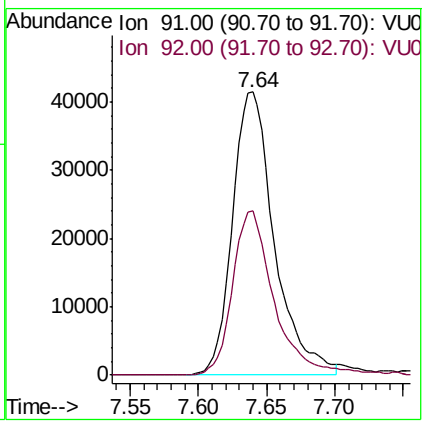


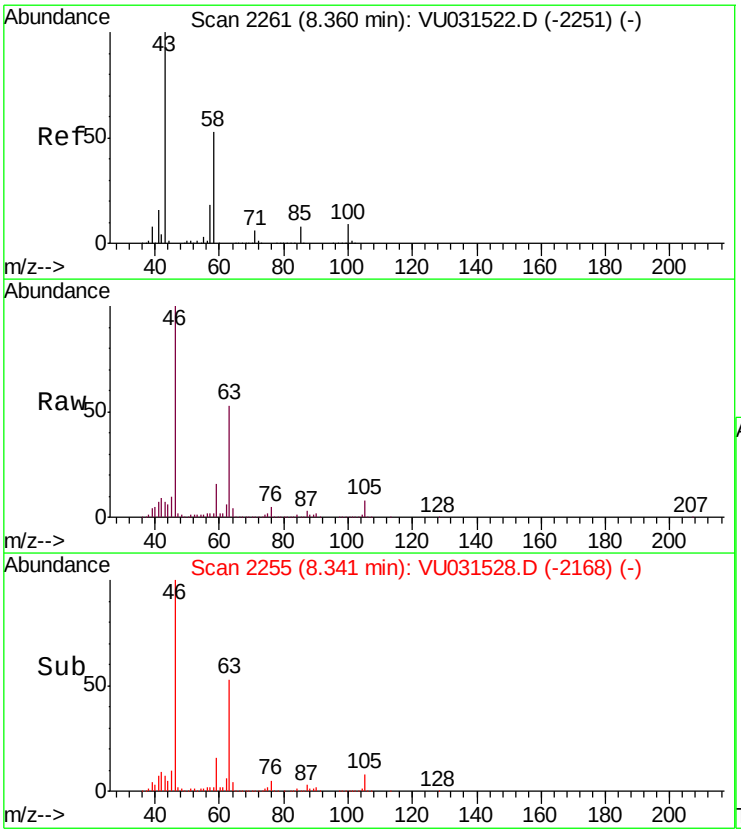
#42
Toluene
Concen: 3.236 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU031528.D
Acq: 26 Apr 2019 13:24

Instrument :
MSVOA_U
ClientSampleId :
GAHX3ME

Tgt Ion: 91 Resp: 88694

Ion	Ratio	Lower	Upper
91	100		
92	57.9	39.0	72.4

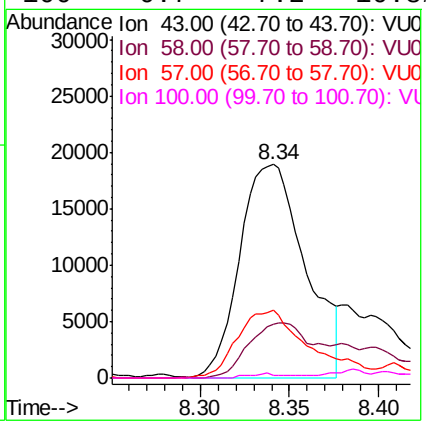


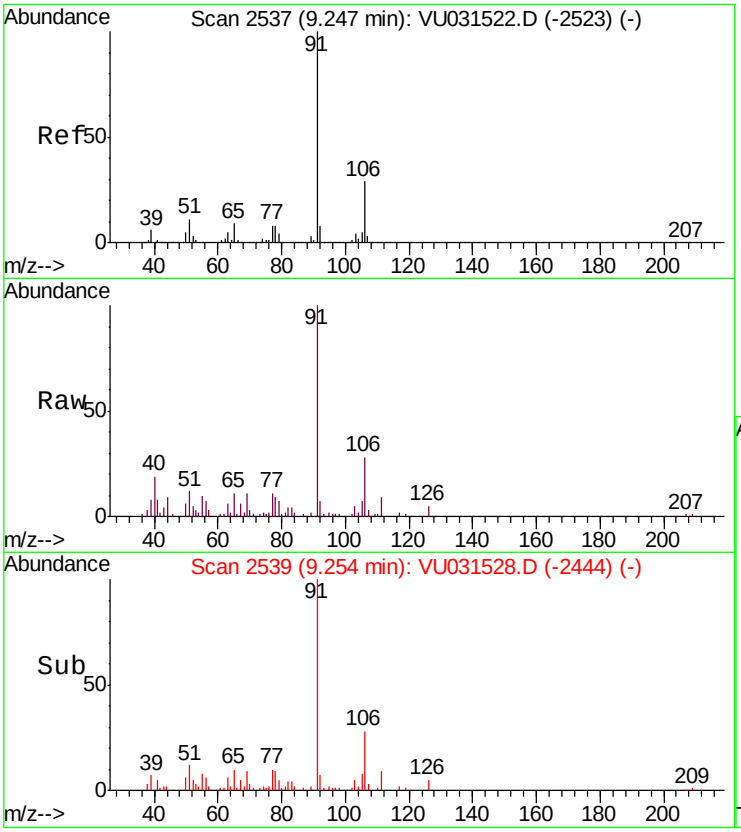


#48
2-Hexanone
Concen: 5.008 ug/L
RT: 8.34 min Scan# 2255
Delta R.T. -0.02 min
Lab File: VU031528.D
Acq: 26 Apr 2019 13:24

Tgt Ion: 43 Resp: 48672

Ion	Ratio	Lower	Upper
43	100		
58	22.1	42.1	63.1#
57	34.6	14.6	22.0#
100	0.7	7.2	10.8#



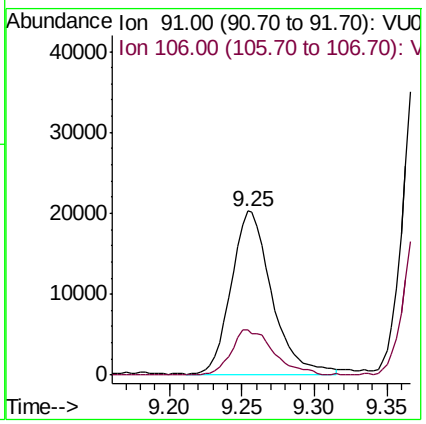


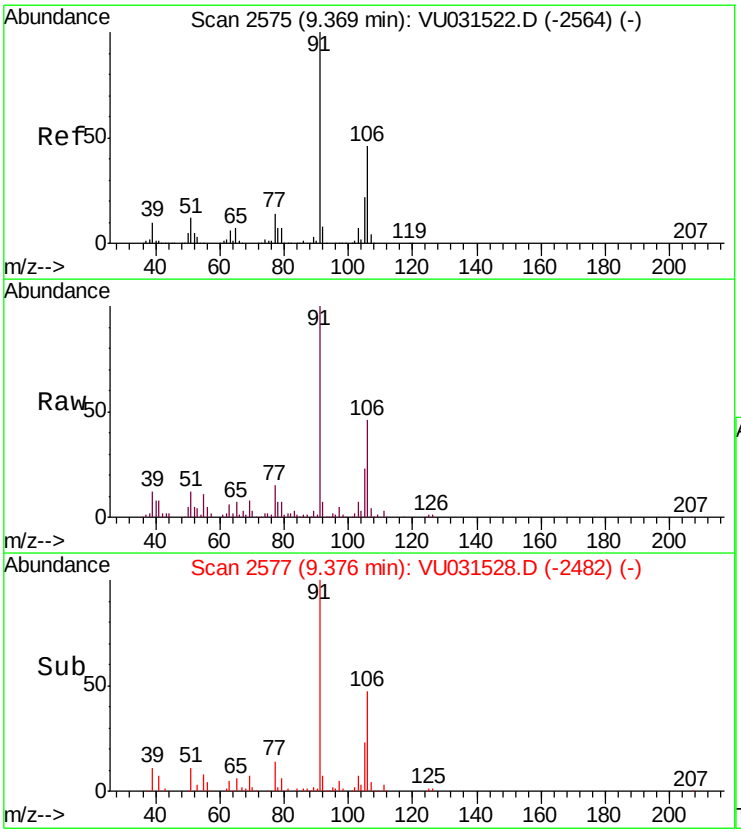
#52
Ethylbenzene
Concen: 1.369 ug/L
RT: 9.25 min Scan# 2539
Delta R.T. 0.01 min
Lab File: VU031528.D
Acq: 26 Apr 2019 13:24

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

Tgt Ion: 91 Resp: 38921

Ion	Ratio	Lower	Upper
91	100		
106	27.5	20.4	37.8

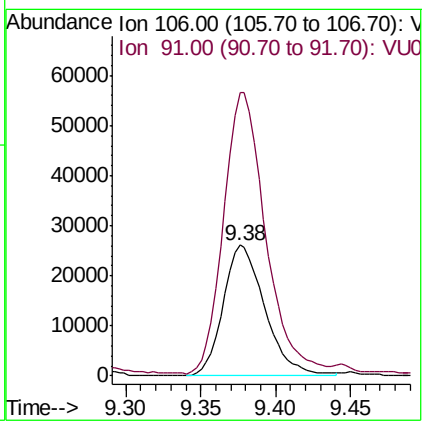


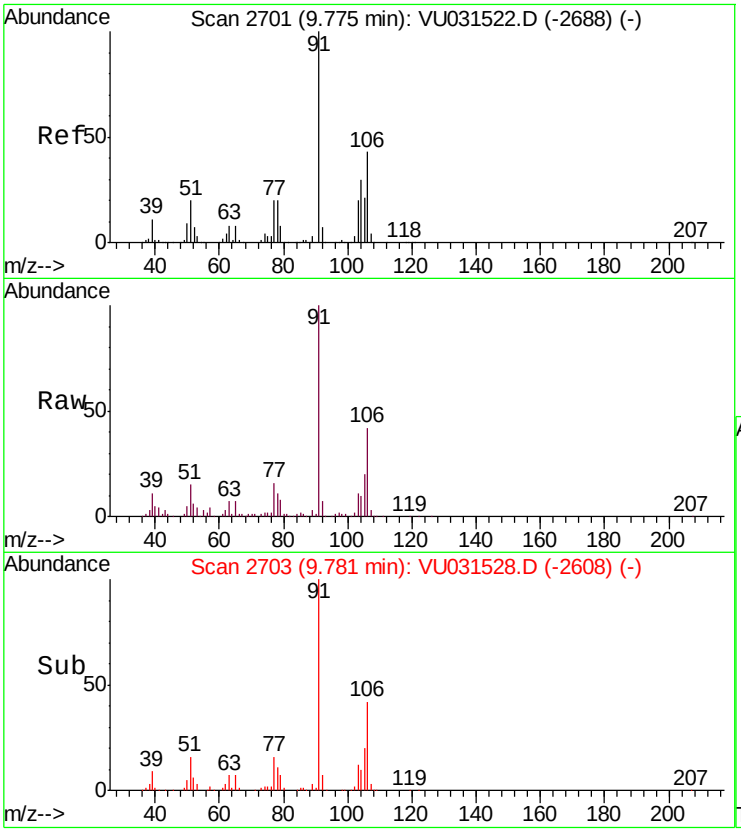


#53
m,p-Xylene
Concen: 5.136 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.01 min
Lab File: VU031528.D
Acq: 26 Apr 2019 13:24

Tgt Ion:106 Resp: 50876

Ion	Ratio	Lower	Upper
106	100		
91	216.3	152.2	282.6



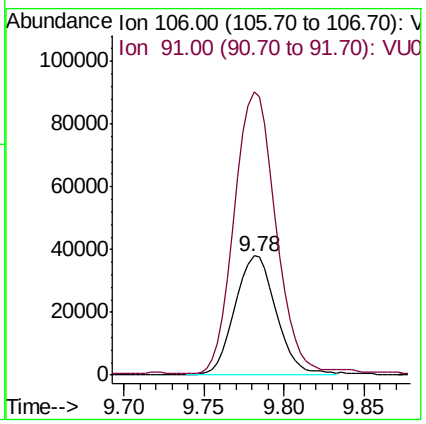


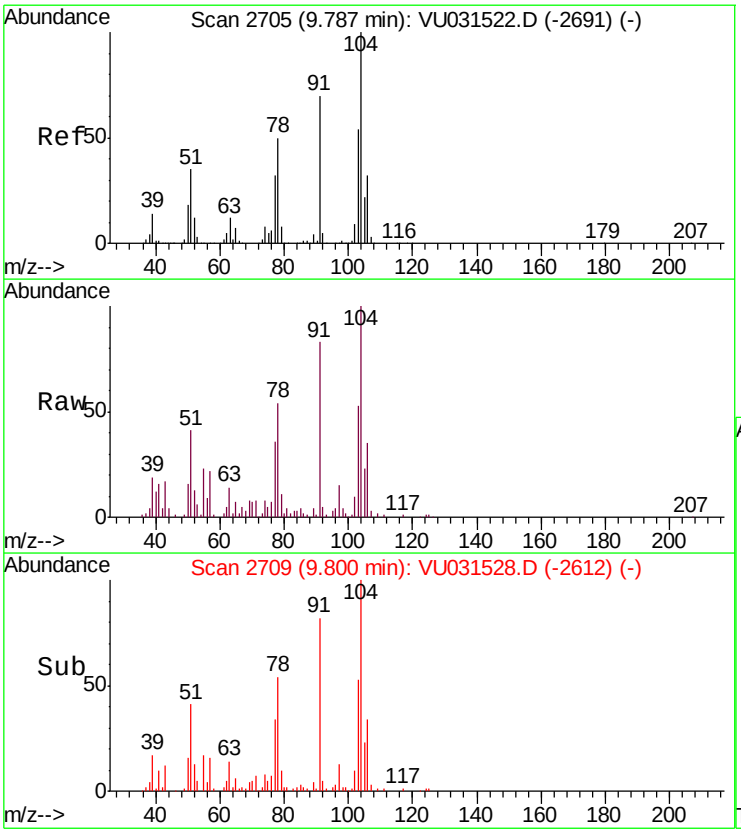
#54
o-xylene
Concen: 6.852 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.01 min
Lab File: VU031528.D
Acq: 26 Apr 2019 13:24

Instrument :
MSVOA_U
ClientSampleId :
GAHX3ME

Tgt Ion:106 Resp: 67285

Ion	Ratio	Lower	Upper
106	100		
91	237.7	163.2	303.2

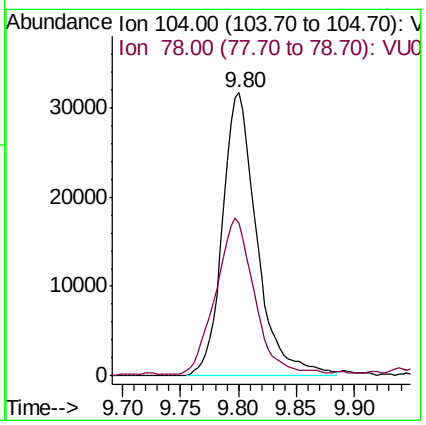


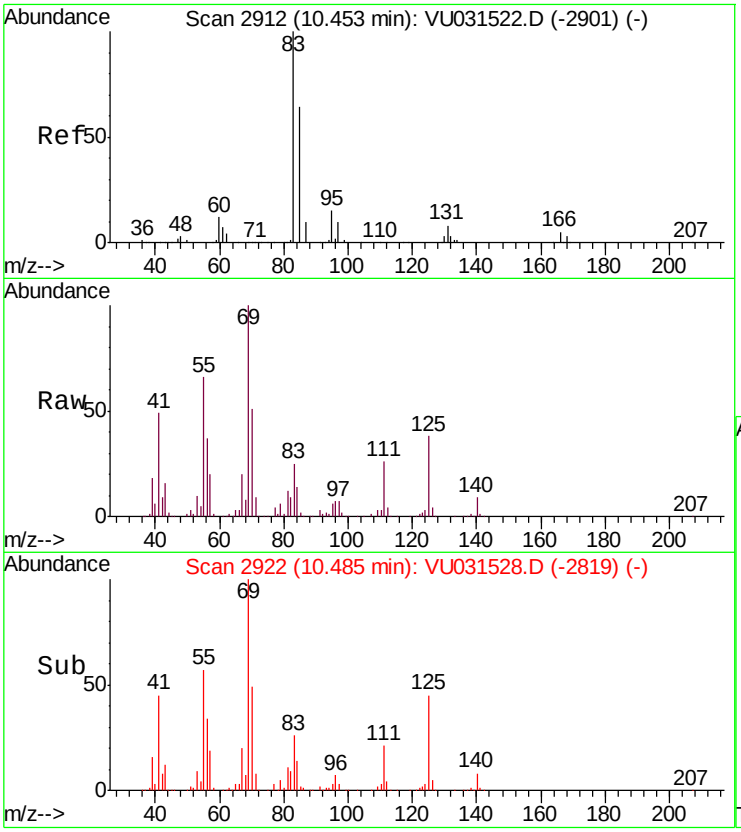


#55
Styrene
Concen: 3.878 ug/L
RT: 9.80 min Scan# 2709
Delta R.T. 0.01 min
Lab File: VU031528.D
Acq: 26 Apr 2019 13:24

Tgt Ion:104 Resp: 65062

Ion	Ratio	Lower	Upper
104	100		
78	54.1	35.4	65.7



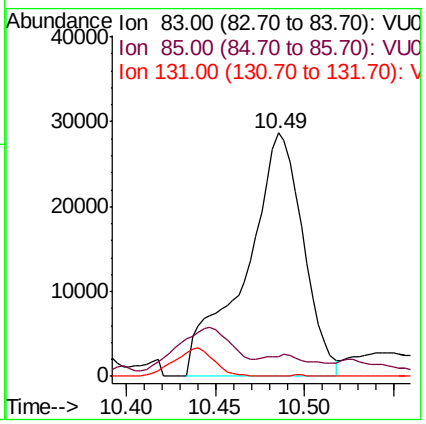


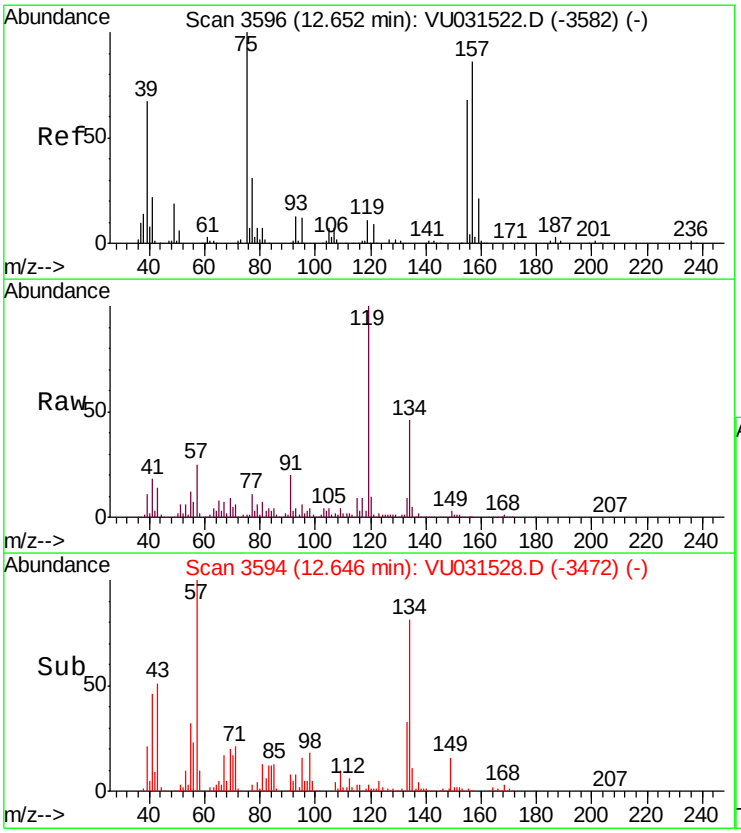
#58
1,1,2,2-Tetrachloroethane
Concen: 5.657 ug/L
RT: 10.49 min Scan# 2922
Delta R.T. 0.03 min
Lab File: VU031528.D
Acq: 26 Apr 2019 13:24

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

Tgt Ion: 83 Resp: 64637

Ion	Ratio	Lower	Upper
83	100		
85	8.2	46.0	85.4#
131	0.0	7.3	10.9#

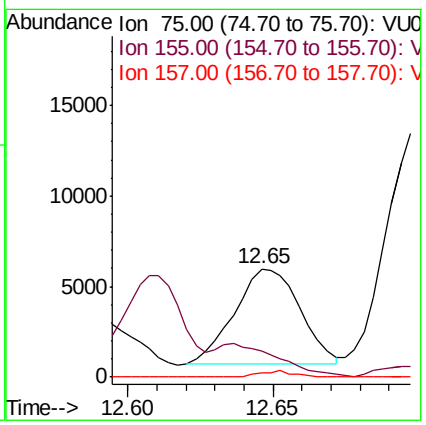


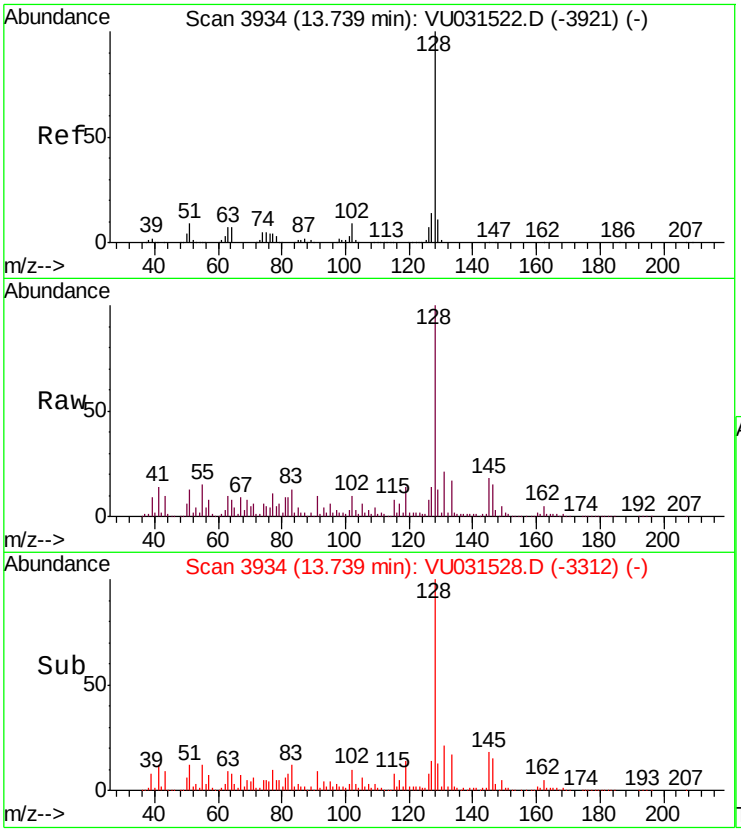


#66
1,2-Dibromo-3-chloropropane
Concen: 2.784 ug/L
RT: 12.65 min Scan# 3594
Delta R.T. -0.01 min
Lab File: VU031528.D
Acq: 26 Apr 2019 13:24

Tgt Ion: 75 Resp: 8261

Ion	Ratio	Lower	Upper
75	100		
155	24.2	54.0	81.0#
157	4.3	69.1	103.7#



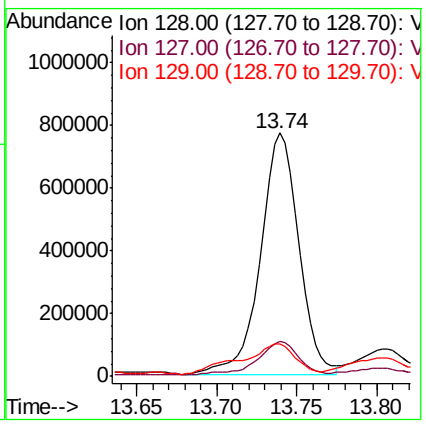


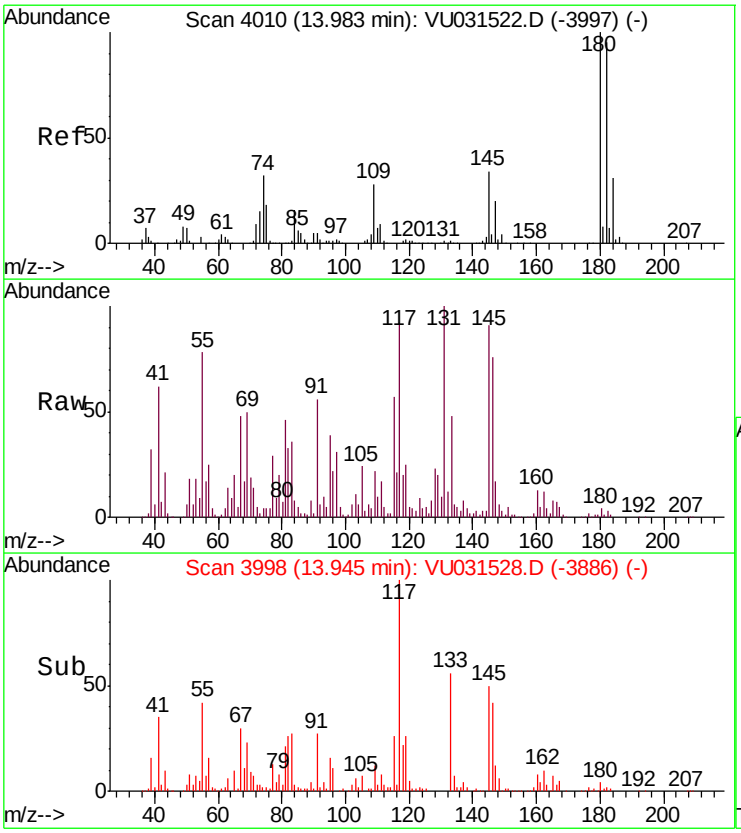
#69
Naphthalene
Concen: 52.401 ug/L
RT: 13.74 min Scan# 3934
Delta R.T. 0.00 min
Lab File: VU031528.D
Acq: 26 Apr 2019 13:24

Instrument :
MSVOA_U
ClientSampleId :
GAHX3ME

Tgt Ion:128 Resp: 1274584

Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.6	15.8
129	10.4	8.7	13.1





#70
1,2,3-Trichlorobenzene
Concen: 1.430 ug/L
RT: 13.94 min Scan# 3998
Delta R.T. -0.04 min
Lab File: VU031528.D
Acq: 26 Apr 2019 13:24

Tgt Ion:180 Resp: 11618

Ion	Ratio	Lower	Upper
180	100		
182	49.8	76.1	114.1#
145	3323.9	26.0	39.0#