Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\

Quantitation Report (Not Reviewed)

Data File : VU036644.D
Acq On : 31 Jan 2020 02:17
Operator : JC/MD
Sample : L1324-16 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT71

Quant Time: Jan 31 04:06:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 31 04:01:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	279345	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	278680	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	152527	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	64397	30.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 61.56%			
7) Chloroethane-d5	1.89	69	20148	11.22	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 22.44%#			
11) 1,1-Dichloroethene-d2	2.58	63	88297	26.10	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 52.20%#			
21) 2-Butanone-d5	4.68	46	92515	74.49	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 74.49%			
24) Chloroform-d	5.11	84	126885	37.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 74.06%			
26) 1,2-Dichloroethane-d4	5.74	65	84788	39.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.40%			
32) Benzene-d6	5.76	84	304349	38.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.64%			
36) 1,2-Dichloropropane-d6	6.73	67	97339	39.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 79.70%			
41) Toluene-d8	7.93	98	292027	38.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 77.44%#			
43) trans-1,3-Dichloropropene-	8.21	79	46363	39.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.82%			
47) 2-Hexanone-d5	8.67	63	124402	109.82	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.82%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	157447	43.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.68%			
64) 1,2-Dichlorobenzene-d4	12.21	152	137192	41.92	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.84%			
Target Compounds						Qvalue
13) Acetone	2.66	43	2256	1.877	ug/L	87
25) Chloroform	5.13	83	8281	2.428	ug/L	100
33) Benzene	5.81	78	33525	4.024	ug/L	100
35) Methylcyclohexane	6.73	83	22832	6.383	ug/L #	21
37) 1,2-Dichloropropane	6.73	63	9523	4.497	ug/L #	87
42) Toluene	8.00	91	127151	14.040	ug/L	98
46) Tetrachloroethene	8.58	164	25627	14.709	ug/L	99
48) 2-Hexanone	8.67	43	11240	5.497	ug/L #	63
49) Dibromochloromethane	8.58	129	23718	10.548	ug/L #	11
52) Ethylbenzene	9.60	91	110314	11.119	ug/L	100
53) m,p-Xylene	9.72	106	239814	61.976	ug/L	98
54) o-xylene	10.12	106	169510	43.918	ug/L	98
55) Styrene	10.14	104	713164	113.860	ug/L	98
59) 1,2,3-Trichloropropane	11.83	75	16166	5.647	ug/L	90
66) 1,2-Dibromo-3-chloropropan	13.05	75	4061	4.849	ug/L #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\

Quantitation Report (Not Reviewed)

Data File : VU036644.D
Acq On : 31 Jan 2020 02:17
Operator : JC/MD
Sample : L1324-16 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAT71

Quant Time: Jan 31 04:06:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 31 04:01:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

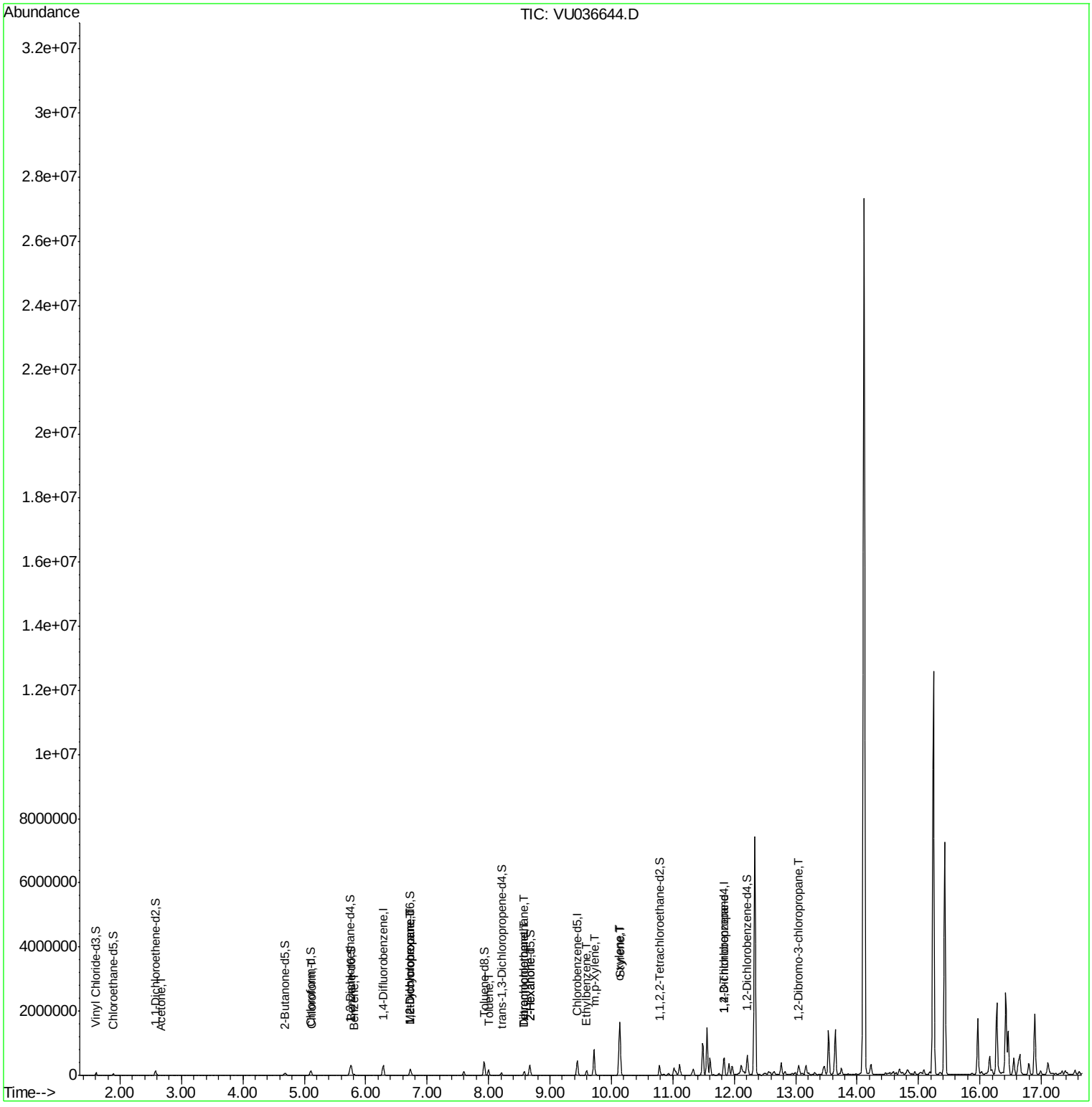
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\

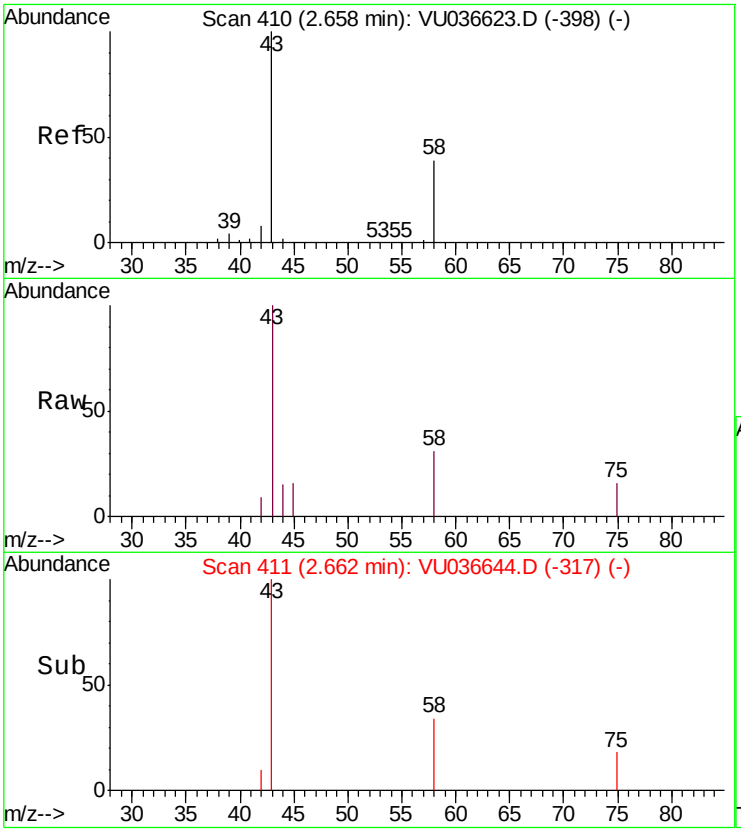
Quantitation Report (Not Reviewed)

Data File : VU036644.D
Acq On : 31 Jan 2020 02:17
Operator : JC/MD
Sample : L1324-16 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAT71

Quant Time: Jan 31 04:06:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 31 04:01:38 2020
Response via : Initial Calibration



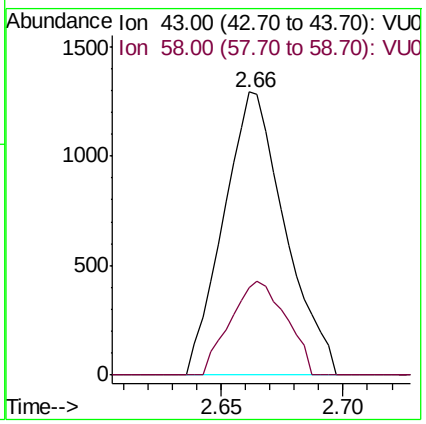


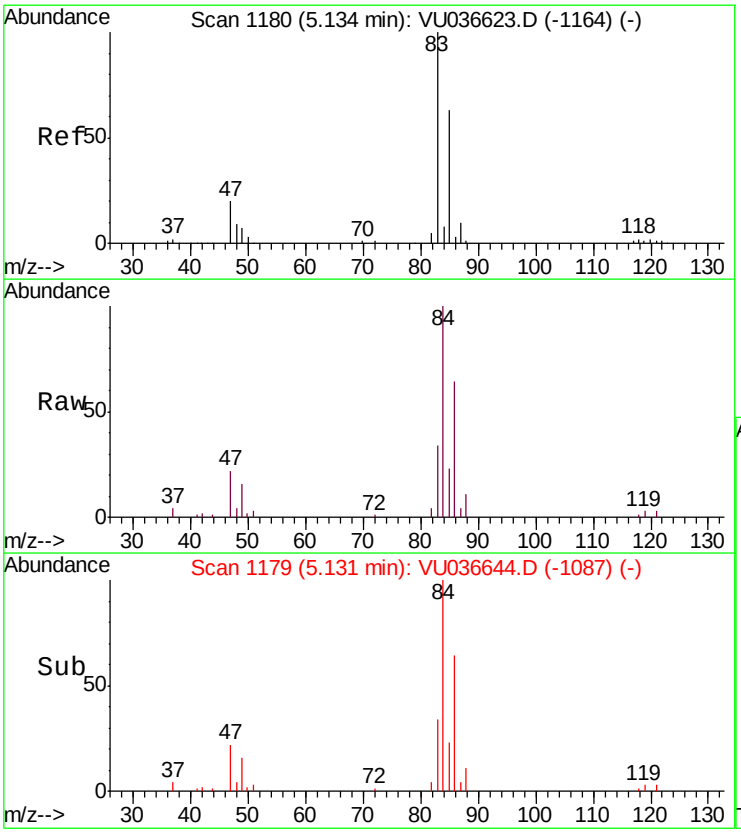
#13
Acetone
Concen: 1.877 ug/L
RT: 2.66 min Scan# 411
Delta R.T. 0.00 min
Lab File: VU036644.D
Acq: 31 Jan 2020 02:17

Instrument : MSVOA_U
ClientSampleId : GAT71

Tgt Ion: 43 Resp: 2256

Ion	Ratio	Lower	Upper
43	100		
58	30.1	0.0	75.4

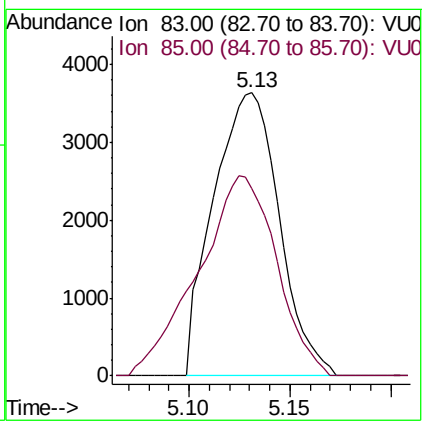


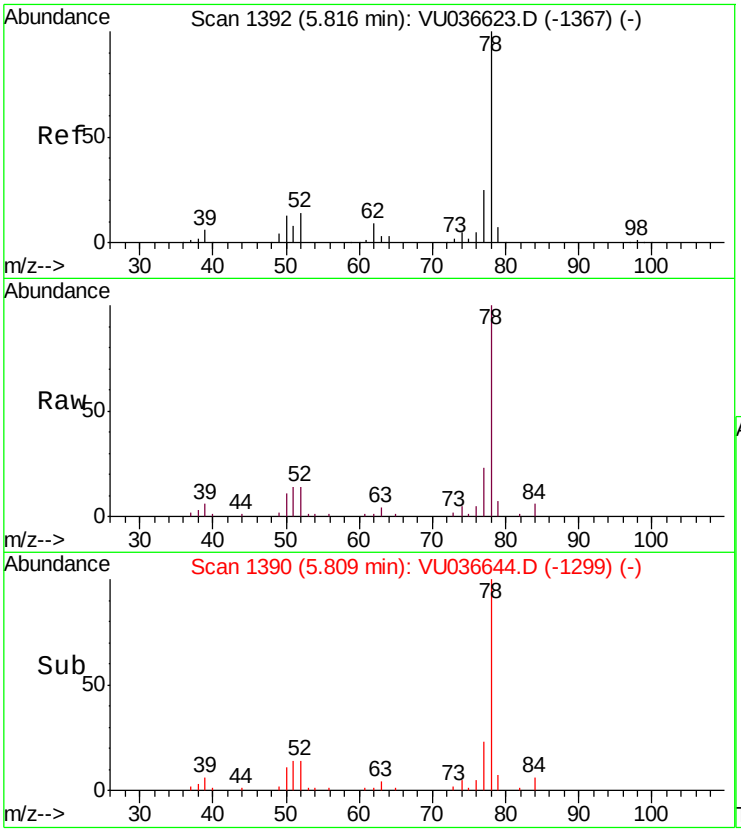


#25
Chloroform
Concen: 2.428 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU036644.D
Acq: 31 Jan 2020 02:17

Tgt Ion: 83 Resp: 8281

Ion	Ratio	Lower	Upper
83	100		
85	66.3	46.3	85.9

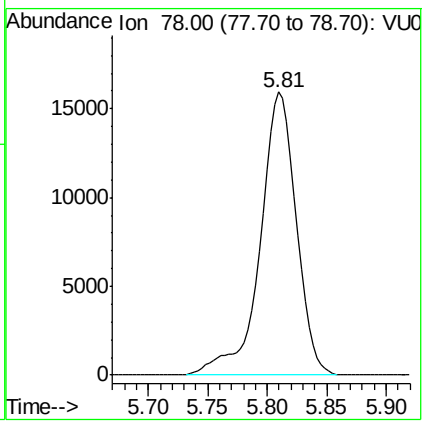


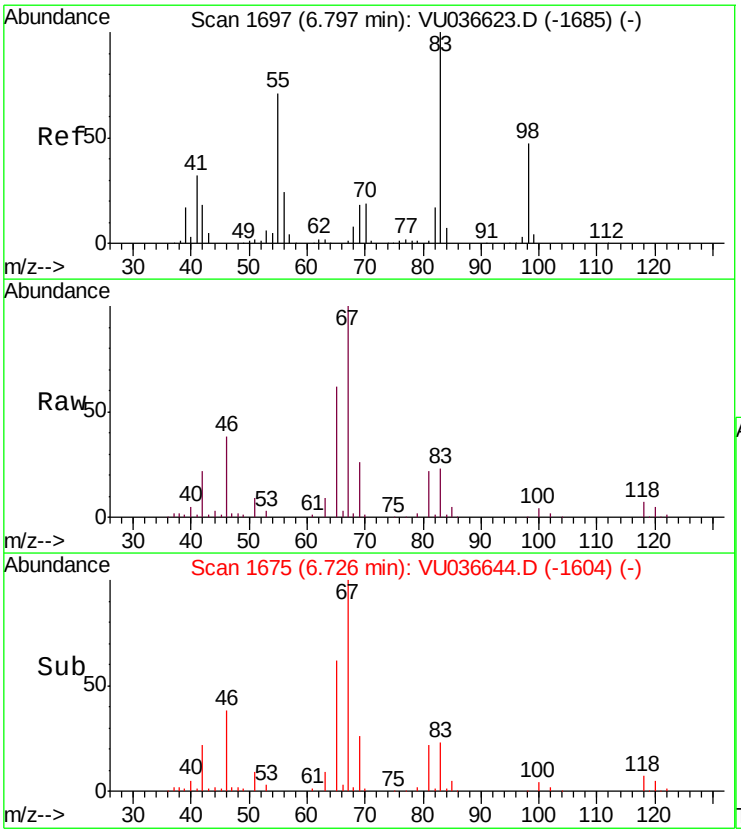


#33
Benzene
Concen: 4.024 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VU036644.D
Acq: 31 Jan 2020 02:17

Instrument :
MSVOA_U
ClientSampleId :
GAT71

Tgt Ion: 78 Resp: 33525

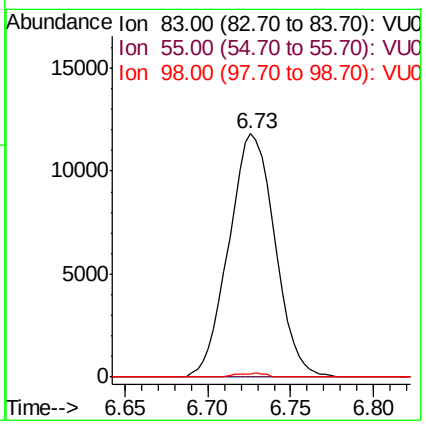


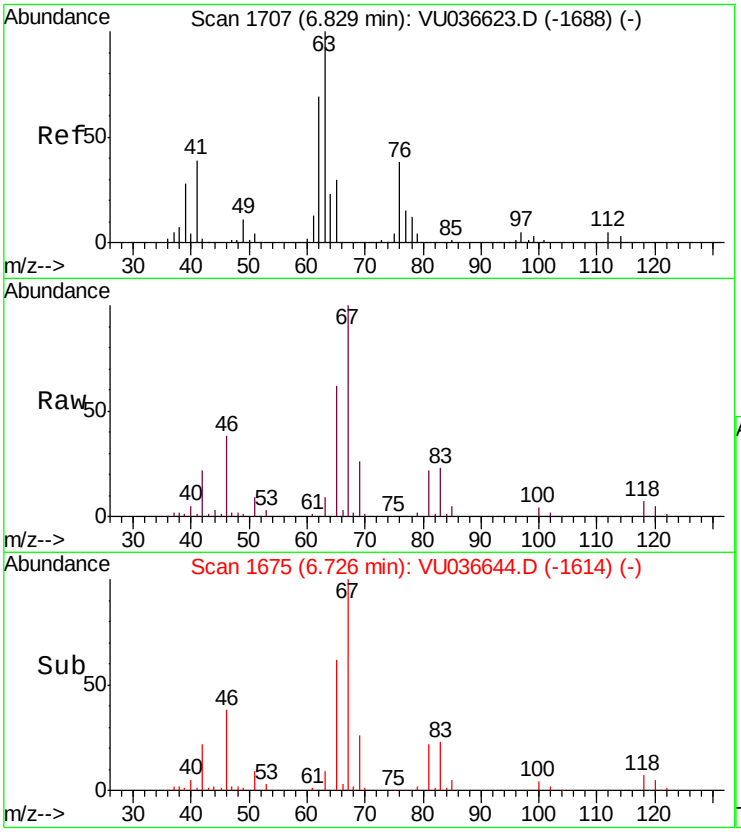


#35
Methylcyclohexane
Concen: 6.383 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036644.D
Acq: 31 Jan 2020 02:17

Tgt Ion: 83 Resp: 22832

Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.1	84.1#
98	0.7	37.5	56.3#



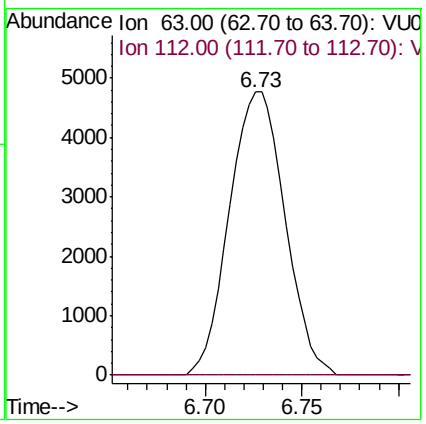


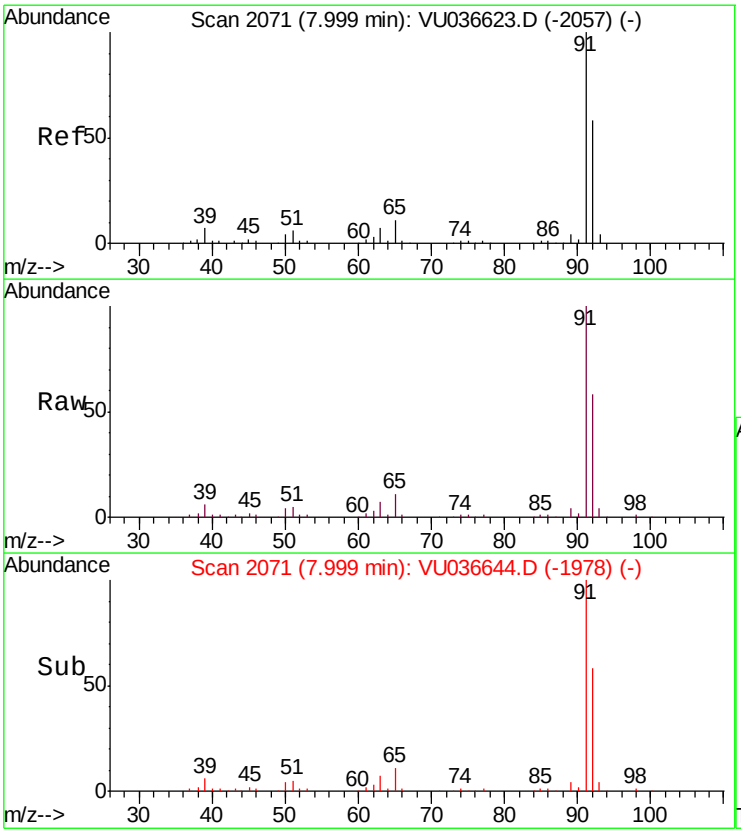
#37
1,2-Dichloropropane
Concen: 4.497 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036644.D
Acq: 31 Jan 2020 02:17

Instrument : MSVOA_U
ClientSampleId : GAT71

Tgt Ion: 63 Resp: 9523

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#

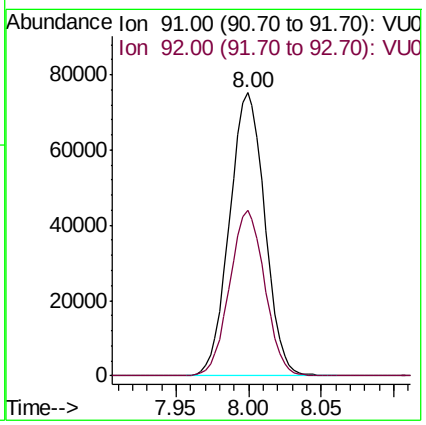


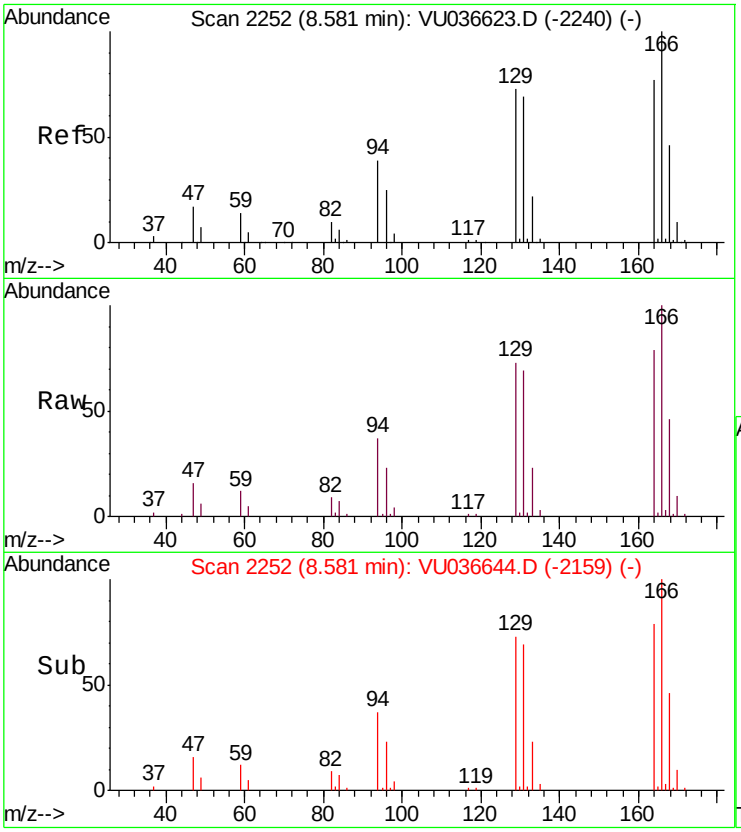


#42
Toluene
Concen: 14.040 ug/L
RT: 8.00 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VU036644.D
Acq: 31 Jan 2020 02:17

Tgt Ion: 91 Resp: 127151

Ion	Ratio	Lower	Upper
91	100		
92	58.4	39.9	74.1



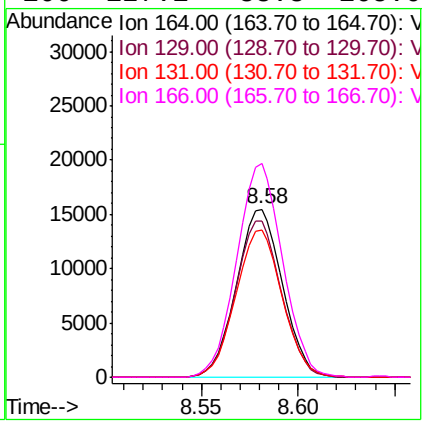


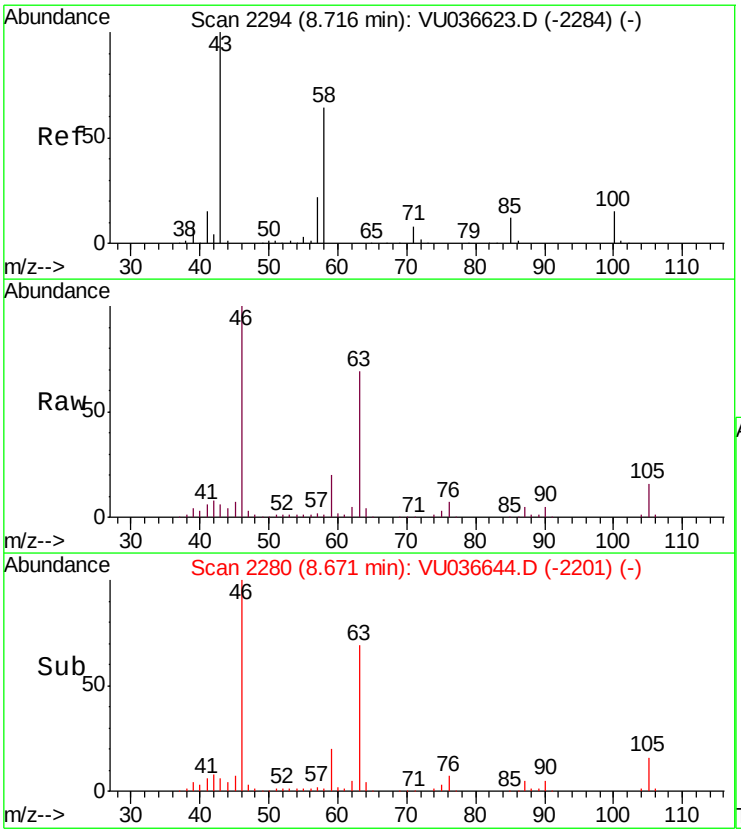
#46
Tetrachloroethene
Concen: 14.709 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. 0.00 min
Lab File: VU036644.D
Acq: 31 Jan 2020 02:17

Instrument : MSVOA_U
ClientSampleId : GAT71

Tgt Ion:164 Resp: 25627

Ion	Ratio	Lower	Upper
164	100		
129	93.2	64.2	119.2
131	87.9	61.8	114.8
166	127.1	88.8	165.0

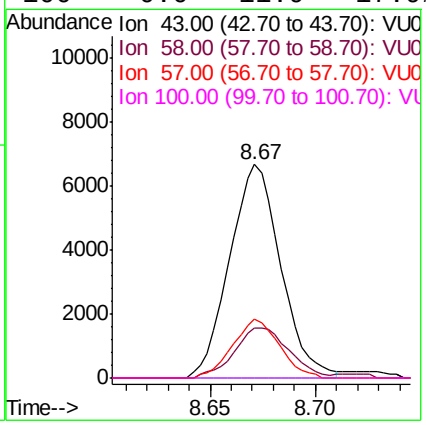


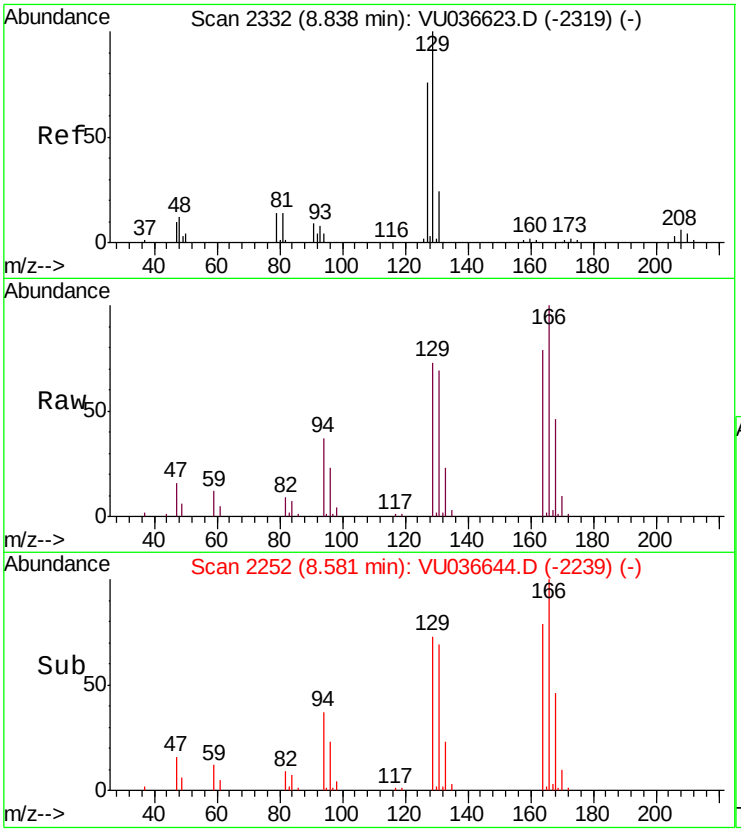


#48
2-Hexanone
Concen: 5.497 ug/L
RT: 8.67 min Scan# 2280
Delta R.T. -0.05 min
Lab File: VU036644.D
Acq: 31 Jan 2020 02:17

Tgt Ion: 43 Resp: 11240

Ion	Ratio	Lower	Upper
43	100		
58	25.2	49.4	74.0#
57	25.2	17.1	25.7
100	0.0	11.9	17.9#



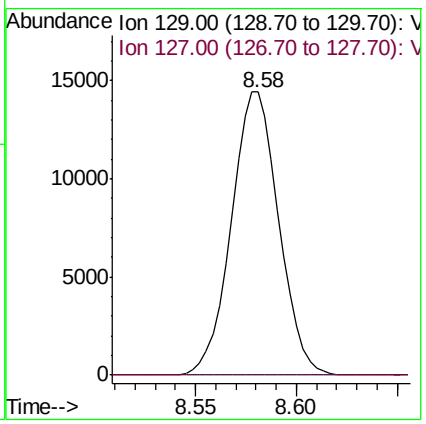


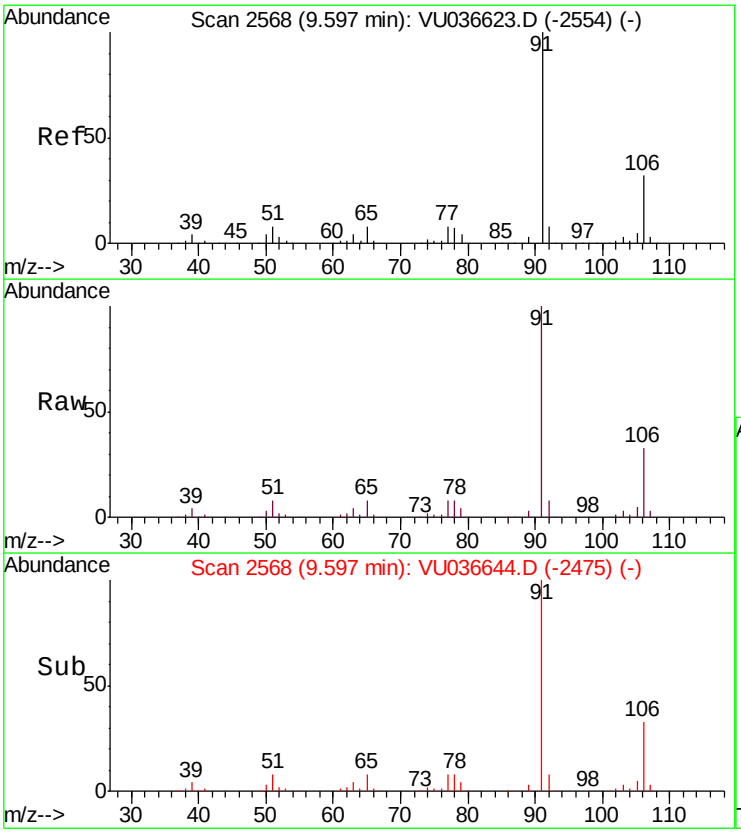
#49
Dibromochloromethane
Concen: 10.548 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.26 min
Lab File: VU036644.D
Acq: 31 Jan 2020 02:17

Instrument :
MSVOA_U
ClientSampleId :
GAT71

Tgt Ion:129 Resp: 23718

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.0	100.2#

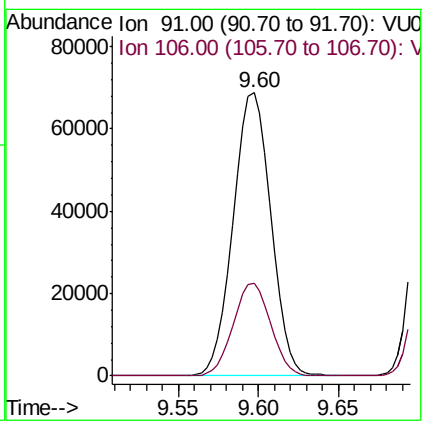


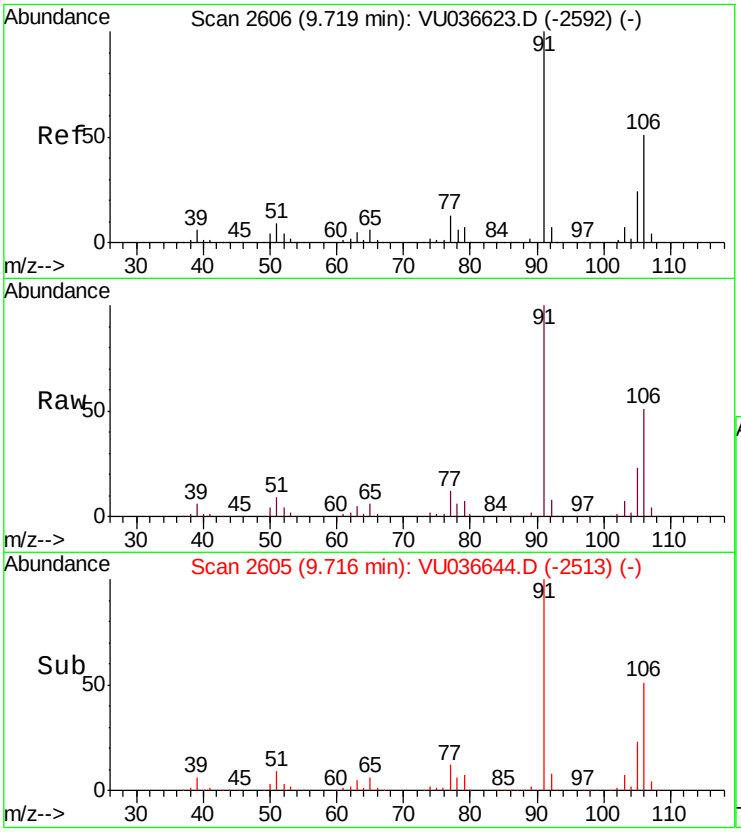


#52
Ethylbenzene
Concen: 11.119 ug/L
RT: 9.60 min Scan# 2568
Delta R.T. 0.00 min
Lab File: VU036644.D
Acq: 31 Jan 2020 02:17

Tgt Ion: 91 Resp: 110314

Ion	Ratio	Lower	Upper
91	100		
106	32.6	22.6	42.0



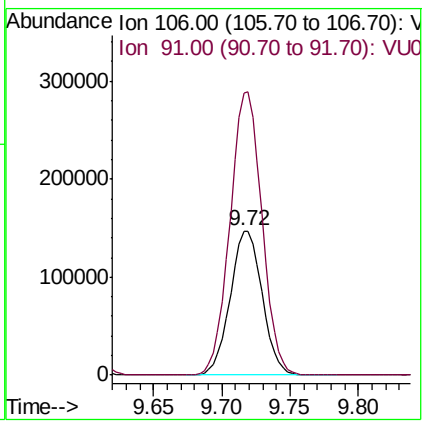


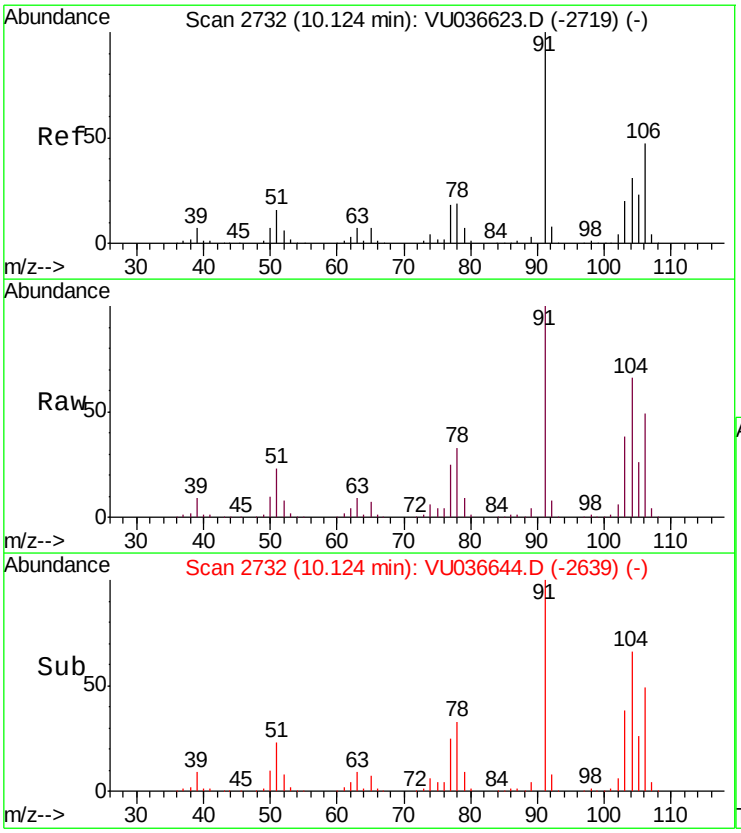
#53
m,p-Xylene
Concen: 61.976 ug/L
RT: 9.72 min Scan# 2605
Delta R.T. -0.00 min
Lab File: VU036644.D
Acq: 31 Jan 2020 02:17

Instrument :
MSVOA_U
ClientSampleId :
GAT71

Tgt Ion:106 Resp: 239814

Ion	Ratio	Lower	Upper
106	100		
91	196.2	139.4	259.0

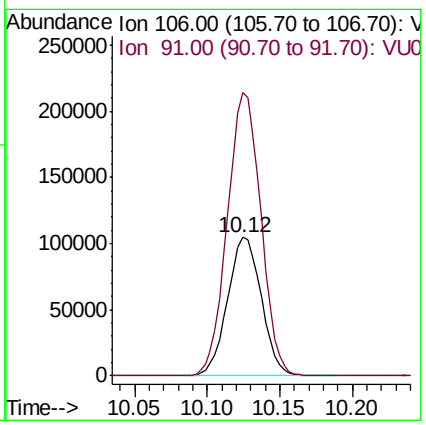


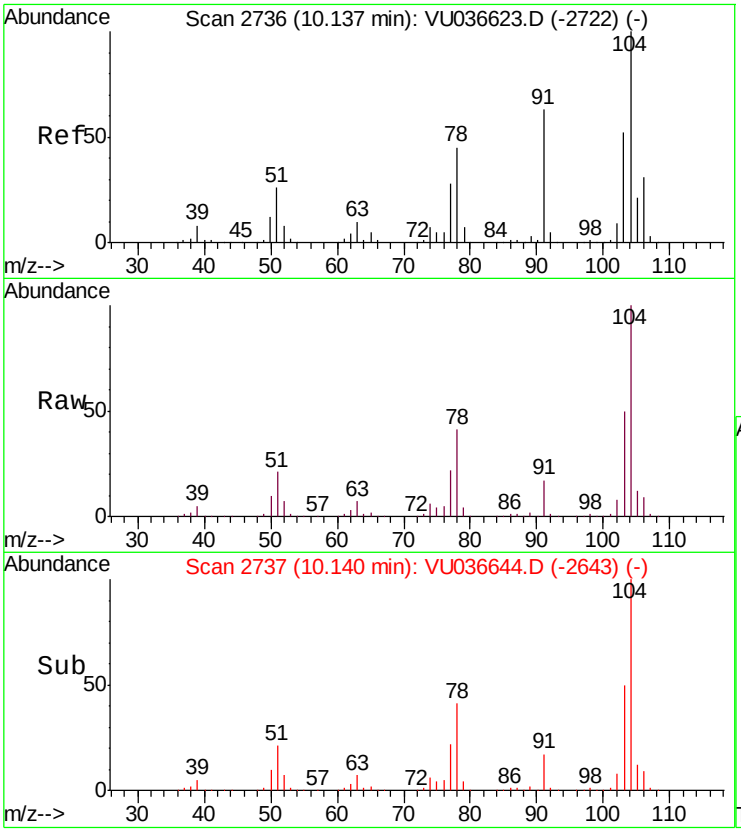


#54
o-xylene
Concen: 43.918 ug/L
RT: 10.12 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU036644.D
Acq: 31 Jan 2020 02:17

Tgt Ion:106 Resp: 169510

Ion	Ratio	Lower	Upper
106	100		
91	204.6	145.9	271.1



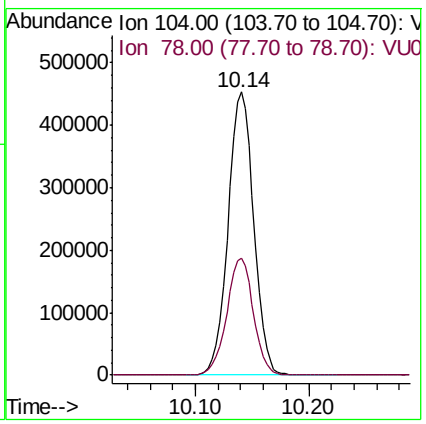


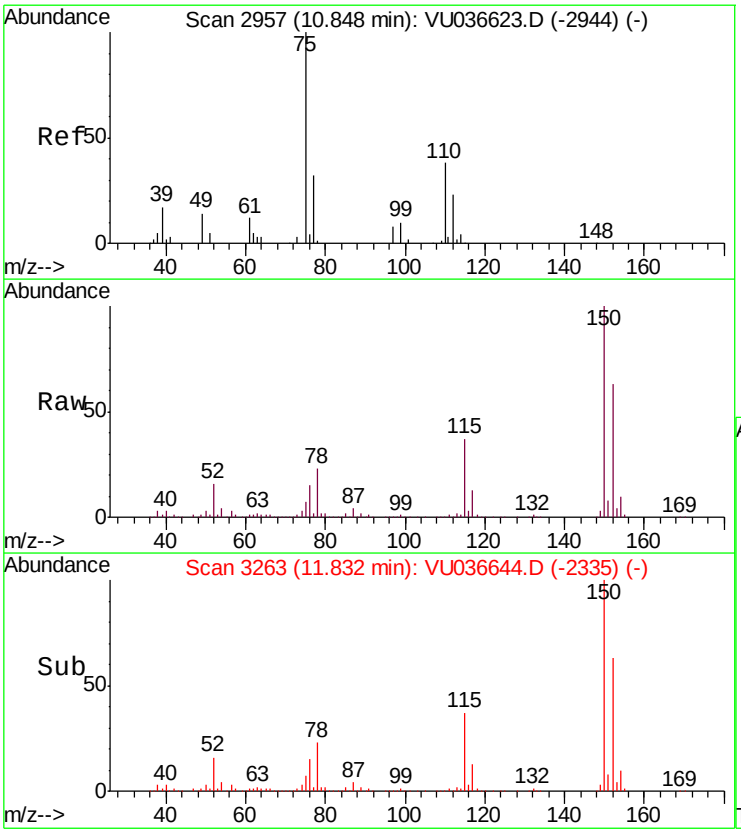
#55
Styrene
Concen: 113.860 ug/L
RT: 10.14 min Scan# 2737
Delta R.T. 0.00 min
Lab File: VU036644.D
Acq: 31 Jan 2020 02:17

Instrument : MSVOA_U
ClientSampleId : GAT71

Tgt Ion:104 Resp: 713164

Ion	Ratio	Lower	Upper
104	100		
78	41.5	30.1	55.9

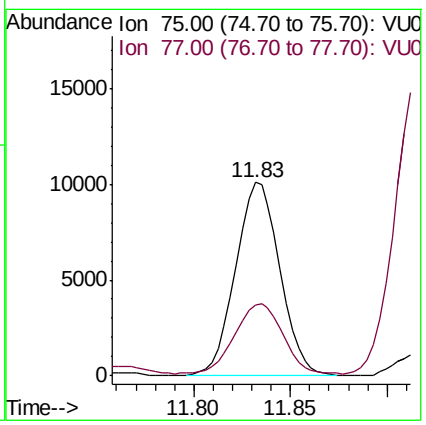


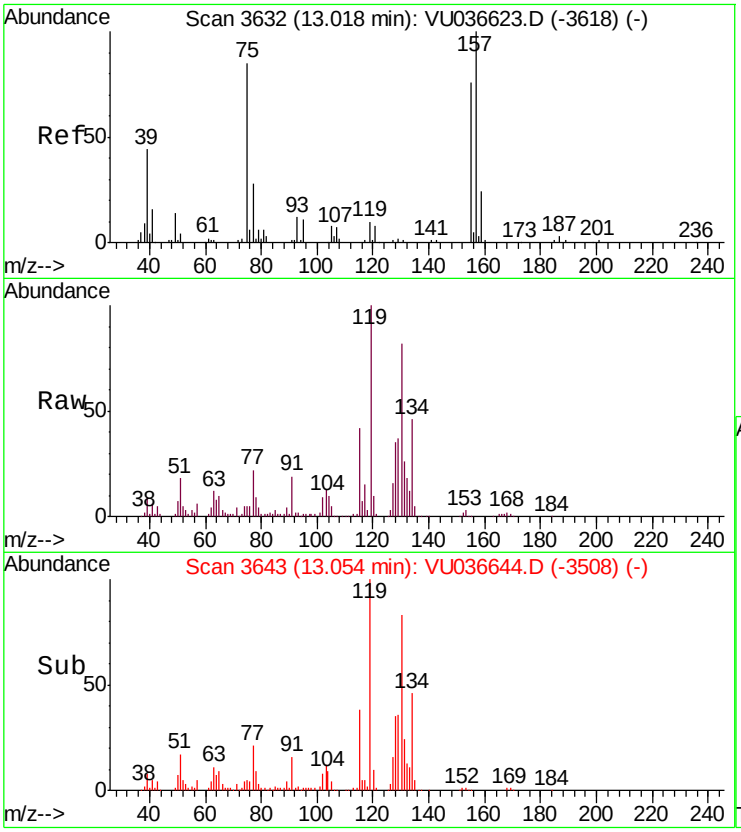


#59
1,2,3-Trichloropropane
Concen: 5.647 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.98 min
Lab File: VU036644.D
Acq: 31 Jan 2020 02:17

Tgt Ion: 75 Resp: 16166

Ion	Ratio	Lower	Upper
75	100		
77	38.6	26.2	39.2





#66
1,2-Dibromo-3-chloropropane
Concen: 4.849 ug/L
RT: 13.05 min Scan# 3643
Delta R.T. 0.04 min
Lab File: VU036644.D
Acq: 31 Jan 2020 02:17

Instrument :
MSVOA_U
ClientSampleId :
GAT71

Tgt Ion: 75 Resp: 4061

Ion	Ratio	Lower	Upper
75	100		
155	9.2	73.4	110.2#
157	0.0	96.8	145.2#