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

Quantitation Report (Not Reviewed)

Data File : VU036642.D
Acq On : 31 Jan 2020 01:26
Operator : JC/MD
Sample : L1324-12
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT67

Quant Time: Jan 31 04:06:25 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	6.28	114	301593	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	292979	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	155215	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	70068	31.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 62.04%			
7) Chloroethane-d5	1.89	69	16796	8.67	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 17.34%#			
11) 1,1-Dichloroethene-d2	2.64	63	41	0.01	ug/L	0.05
Spiked Amount 50.000	Range 60 - 125		Recovery = 0.02%#			
21) 2-Butanone-d5	4.70	46	67828	50.59	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 50.59%			
24) Chloroform-d	5.11	84	138885	37.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 75.10%			
26) 1,2-Dichloroethane-d4	5.74	65	91978	39.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.78%			
32) Benzene-d6	5.76	84	323383	39.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.48%			
36) 1,2-Dichloropropane-d6	6.73	67	104722	40.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 81.56%			
41) Toluene-d8	7.93	98	317572	40.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.10%			
43) trans-1,3-Dichloropropene-	8.21	79	49552	40.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.14%			
47) 2-Hexanone-d5	8.69	63	123276	103.51	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.51%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	159618	42.27	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.54%			
64) 1,2-Dichlorobenzene-d4	12.22	152	134110	40.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.52%			

Target Compounds						Qvalue
3) Chloromethane	1.53	50	2089	0.854	ug/L	92
25) Chloroform	5.13	83	4542	1.234	ug/L	90
27) 1,2-Dichloroethane	5.80	62	3319	1.205	ug/L #	72
29) Cyclohexane	5.41	56	4902	1.462	ug/L #	82
33) Benzene	5.81	78	435045	49.666	ug/L	100
35) Methylcyclohexane	6.79	83	49945	13.282	ug/L	96
42) Toluene	8.00	91	581386	61.063	ug/L	98
45) 1,1,2-Trichloroethane	8.39	97	21807	9.765	ug/L #	19
46) Tetrachloroethene	8.58	164	39548	21.592	ug/L	98
48) 2-Hexanone	8.66	43	44756	20.819	ug/L #	24
52) Ethylbenzene	9.60	91	5579307	534.938	ug/L	100
53) m,p-Xylene	9.73	106	672777	165.384	ug/L	98
54) o-xylene	10.13	106	813504	200.483	ug/L	99
55) Styrene	10.13	104	57004	8.657	ug/L #	1
56) Isopropylbenzene	10.51	105	425569	41.251	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.79	83	11173	2.902	ug/L #	93
66) 1,2-Dibromo-3-chloropropan	13.00	75	3374	3.959	ug/L #	10

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

Quantitation Report (Not Reviewed)

Data File : VU036642.D
Acq On : 31 Jan 2020 01:26
Operator : JC/MD
Sample : L1324-12
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT67

Quant Time: Jan 31 04:06:25 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)
70) 1,2,3-Trichlorobenzene	14.37	180	8272	3.114	ug/L	#	1

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

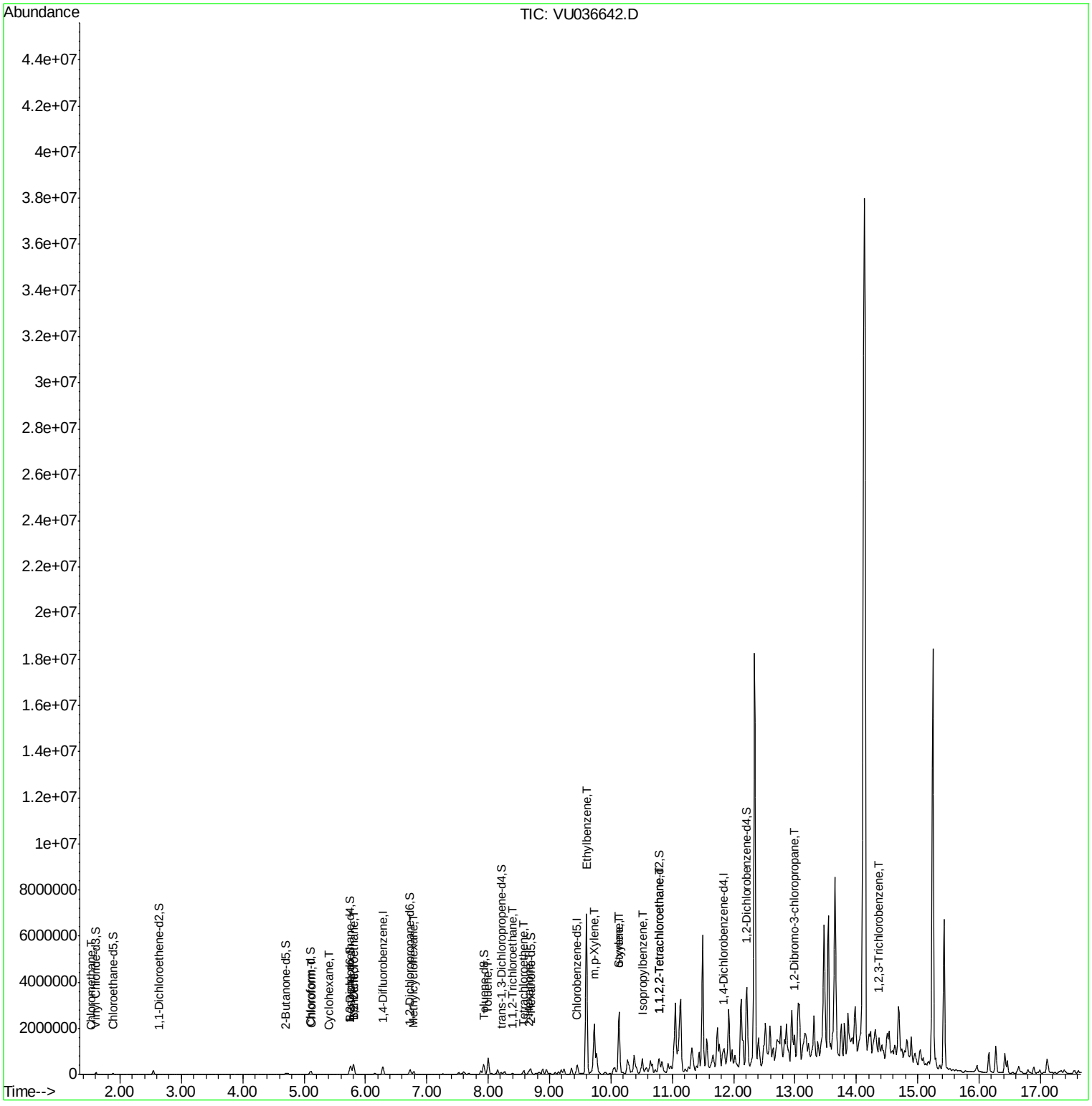
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\

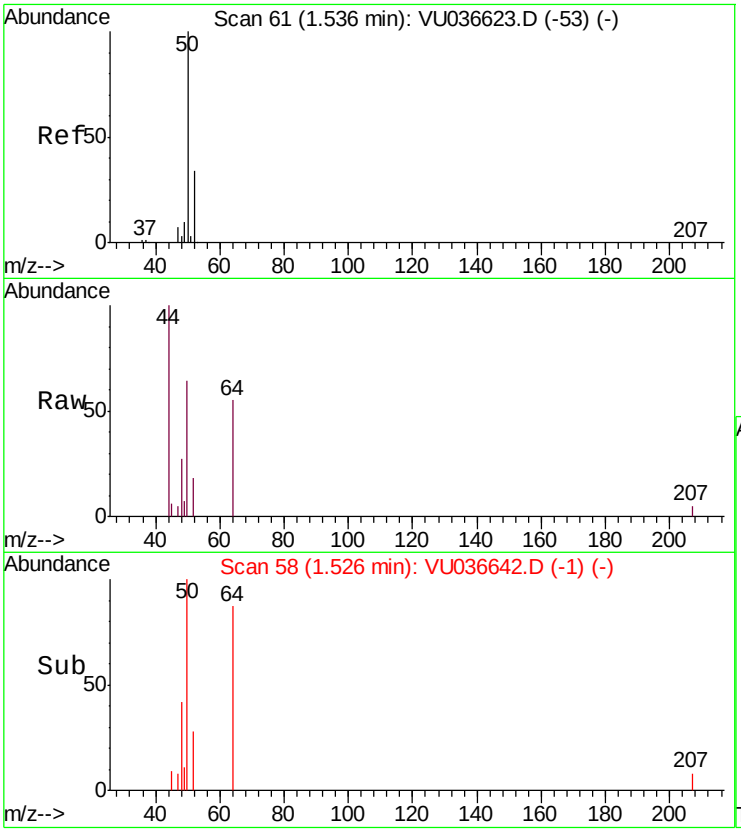
Quantitation Report (Not Reviewed)

Data File : VU036642.D
Acq On : 31 Jan 2020 01:26
Operator : JC/MD
Sample : L1324-12
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT67

Quant Time: Jan 31 04:06:25 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



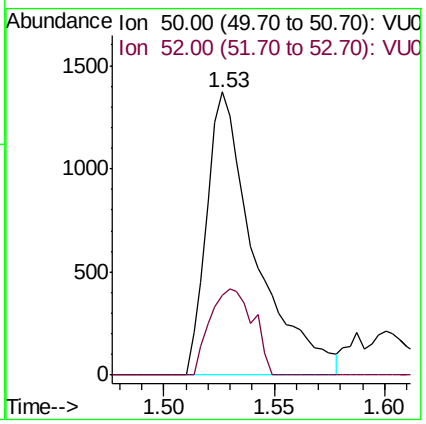


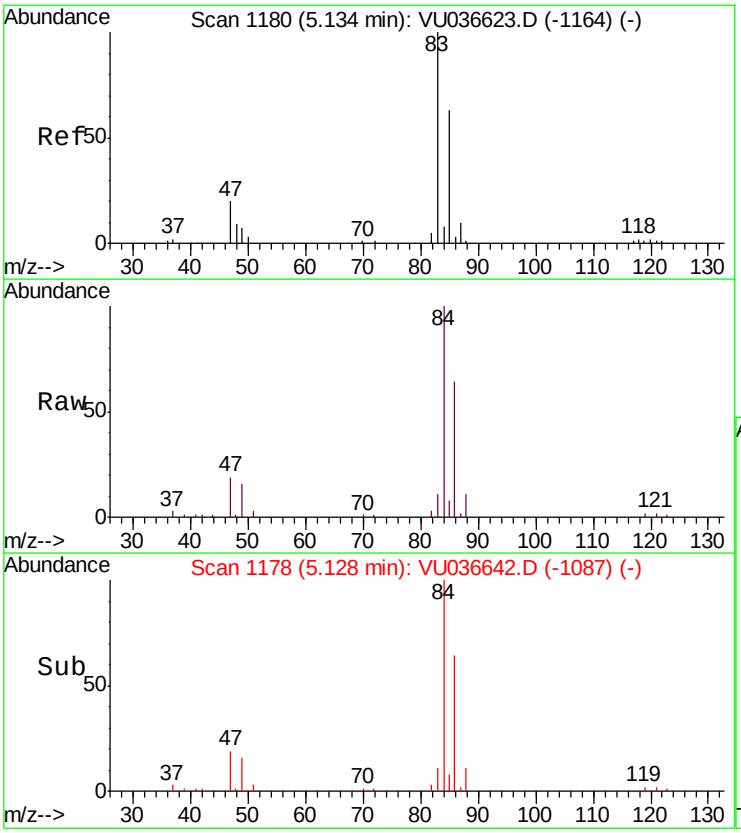
#3
Chloromethane
Concen: 0.854 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.01 min
Lab File: VU036642.D
Acq: 31 Jan 2020 01:26

Instrument :
MSVOA_U
ClientSampleId :
GAT67

Tgt Ion: 50 Resp: 2089

Ion	Ratio	Lower	Upper
50	100		
52	28.4	23.2	43.0

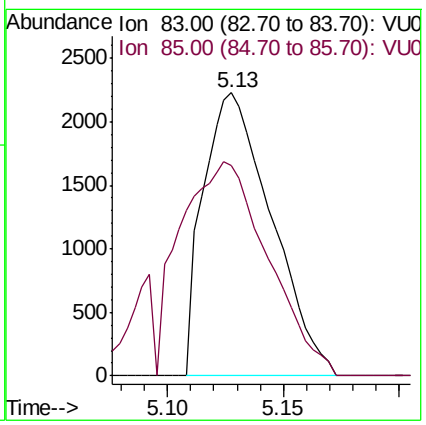


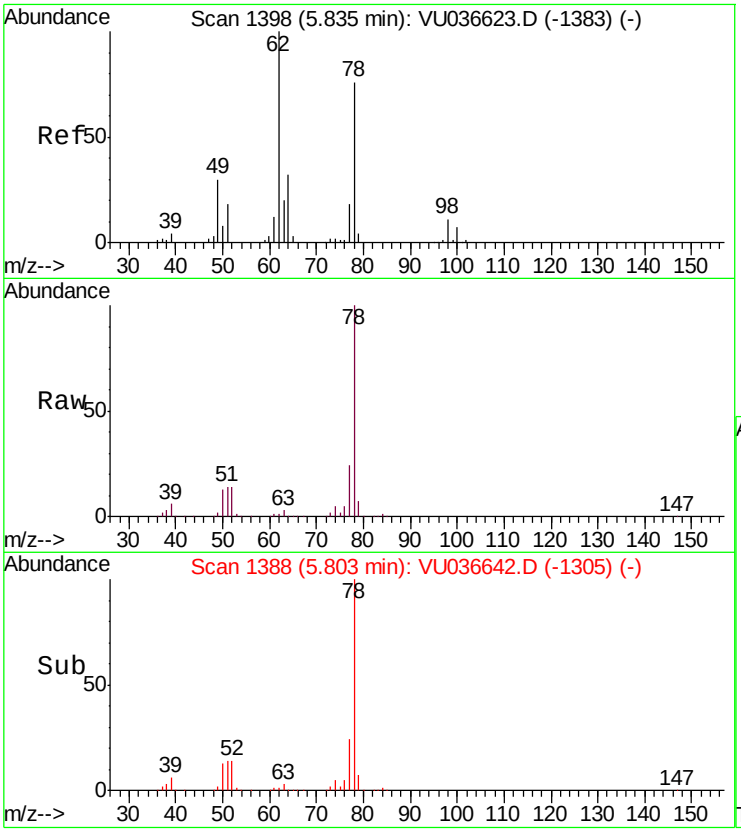


#25
Chloroform
Concen: 1.234 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VU036642.D
Acq: 31 Jan 2020 01:26

Tgt Ion: 83 Resp: 4542

Ion	Ratio	Lower	Upper
83	100		
85	74.2	46.3	85.9



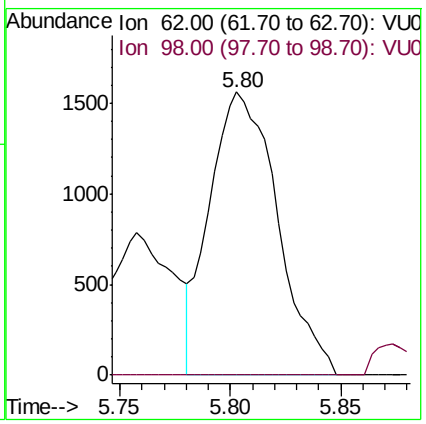


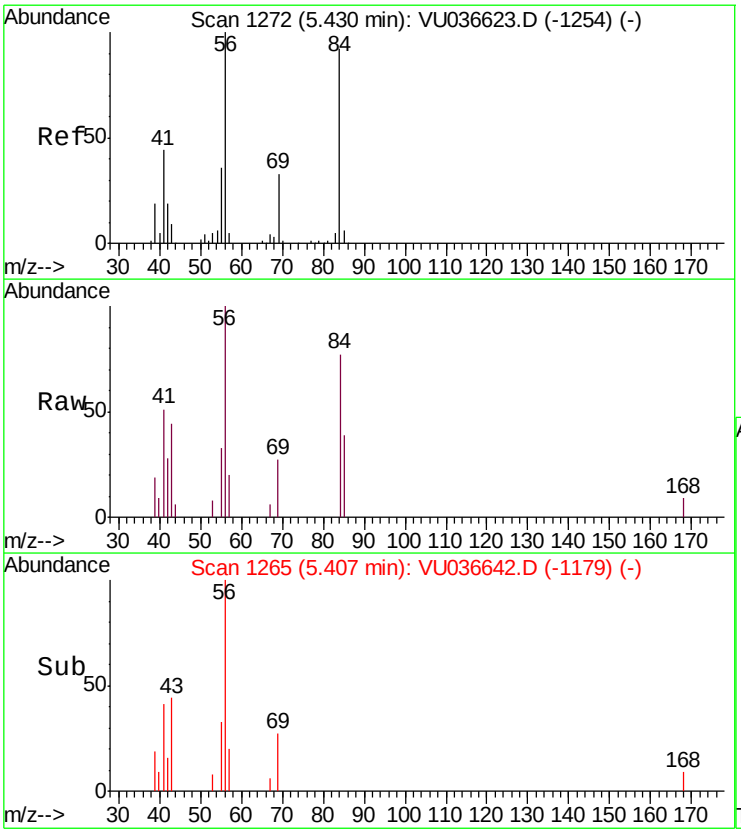
#27
1,2-Dichloroethane
Concen: 1.205 ug/L
RT: 5.80 min Scan# 1388
Delta R.T. -0.03 min
Lab File: VU036642.D
Acq: 31 Jan 2020 01:26

Instrument :
MSVOA_U
ClientSampleId :
GAT67

Tgt Ion: 62 Resp: 3319

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.4	12.6#

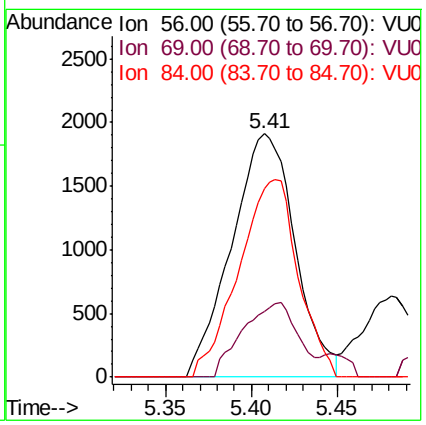


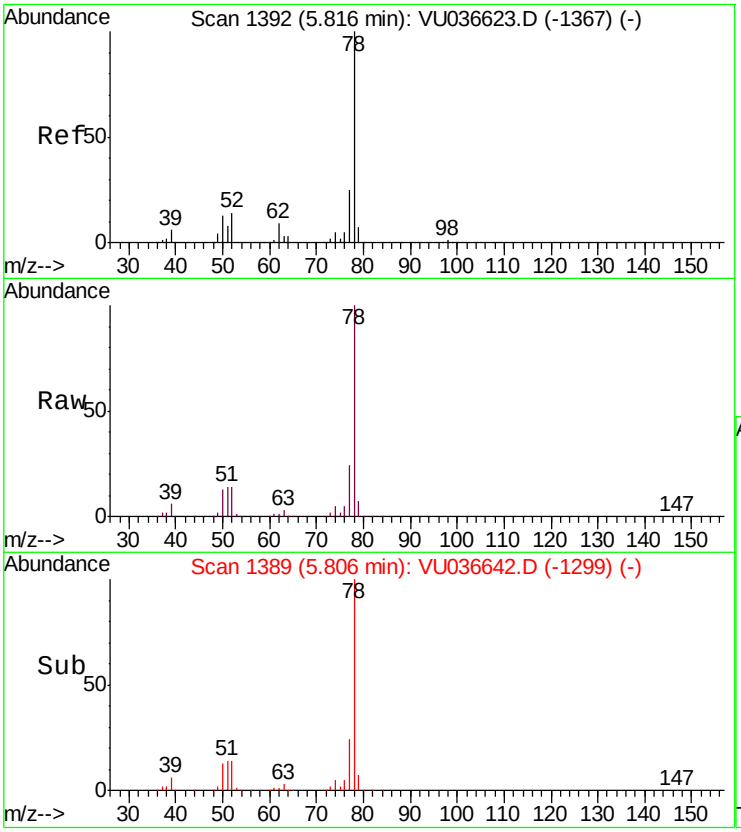


#29
Cyclohexane
Concen: 1.462 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. -0.02 min
Lab File: VU036642.D
Acq: 31 Jan 2020 01:26

Tgt Ion: 56 Resp: 4902

Ion	Ratio	Lower	Upper
56	100		
69	26.4	26.4	39.6
84	75.9	76.6	114.8#

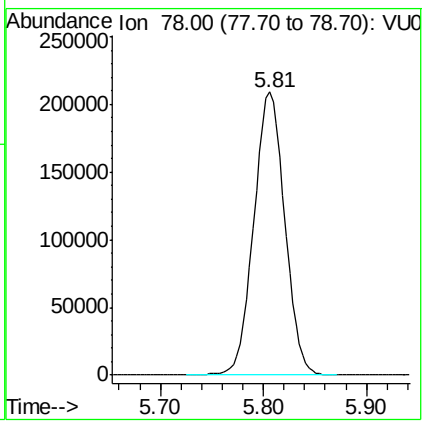


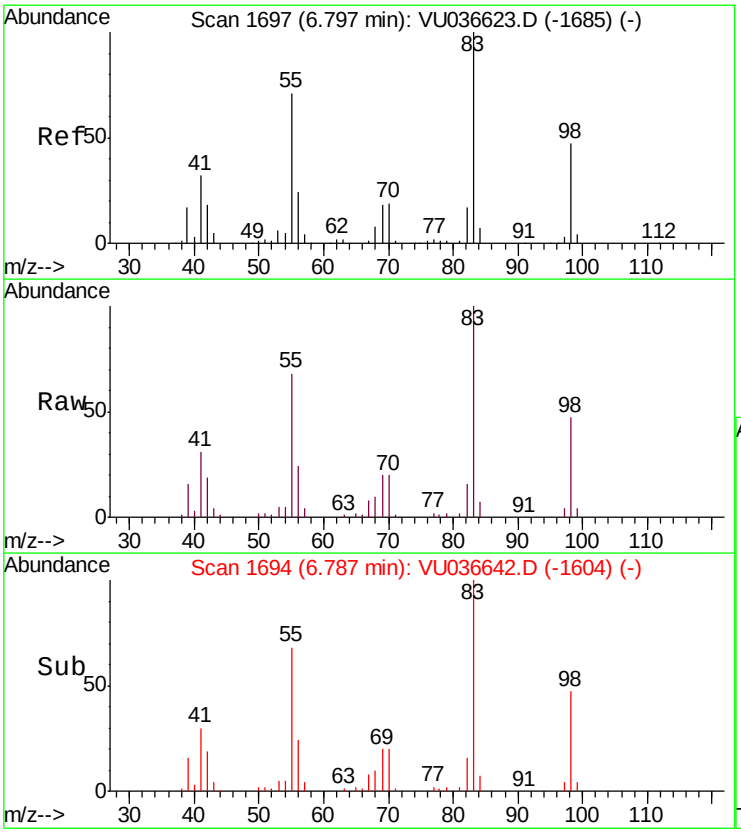


#33
Benzene
Concen: 49.666 ug/L
RT: 5.81 min Scan# 1389
Delta R.T. -0.01 min
Lab File: VU036642.D
Acq: 31 Jan 2020 01:26

Instrument :
MSVOA_U
ClientSampleId :
GAT67

Tgt Ion: 78 Resp: 435045

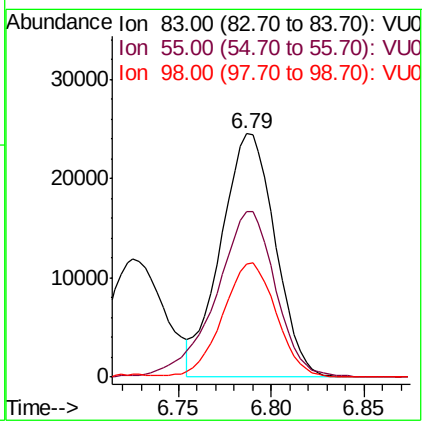


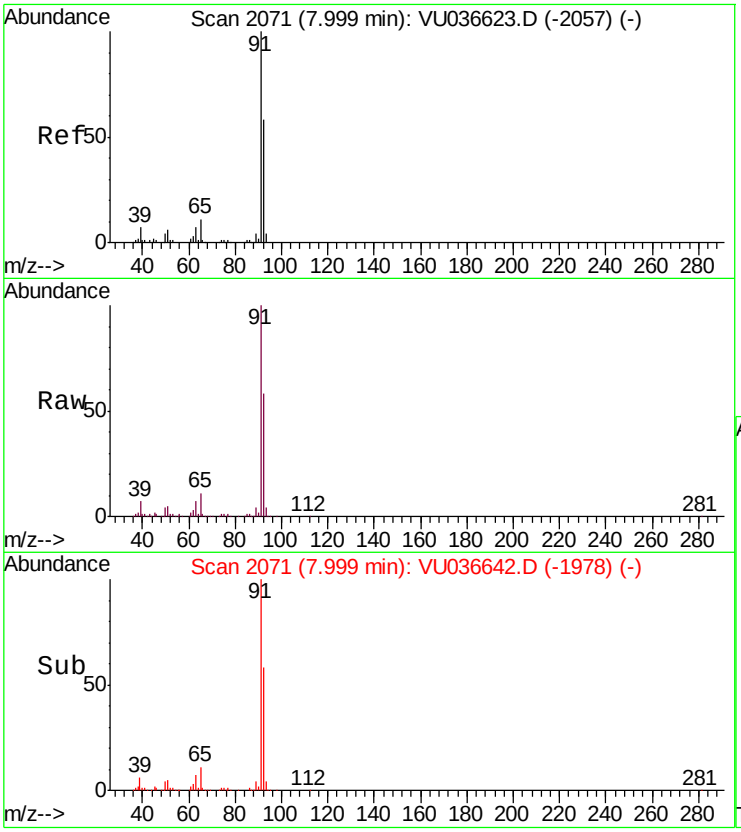


#35
Methylcyclohexane
Concen: 13.282 ug/L
RT: 6.79 min Scan# 1694
Delta R.T. -0.01 min
Lab File: VU036642.D
Acq: 31 Jan 2020 01:26

Tgt Ion: 83 Resp: 49945

Ion	Ratio	Lower	Upper
83	100		
55	74.5	56.1	84.1
98	46.1	37.5	56.3



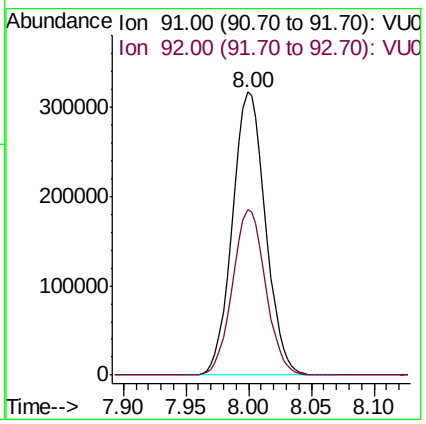


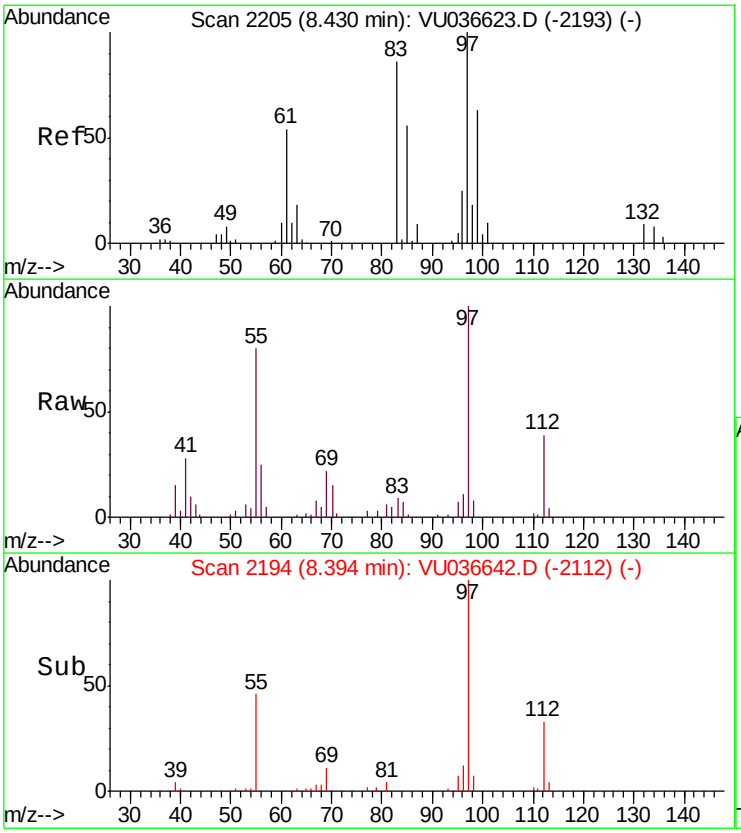
#42
Toluene
Concen: 61.063 ug/L
RT: 8.00 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VU036642.D
Acq: 31 Jan 2020 01:26

Instrument :
MSVOA_U
ClientSampleId :
GAT67

Tgt Ion: 91 Resp: 581386

Ion	Ratio	Lower	Upper
91	100		
92	58.4	39.9	74.1

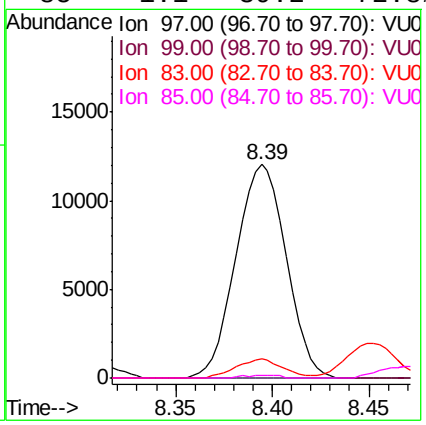


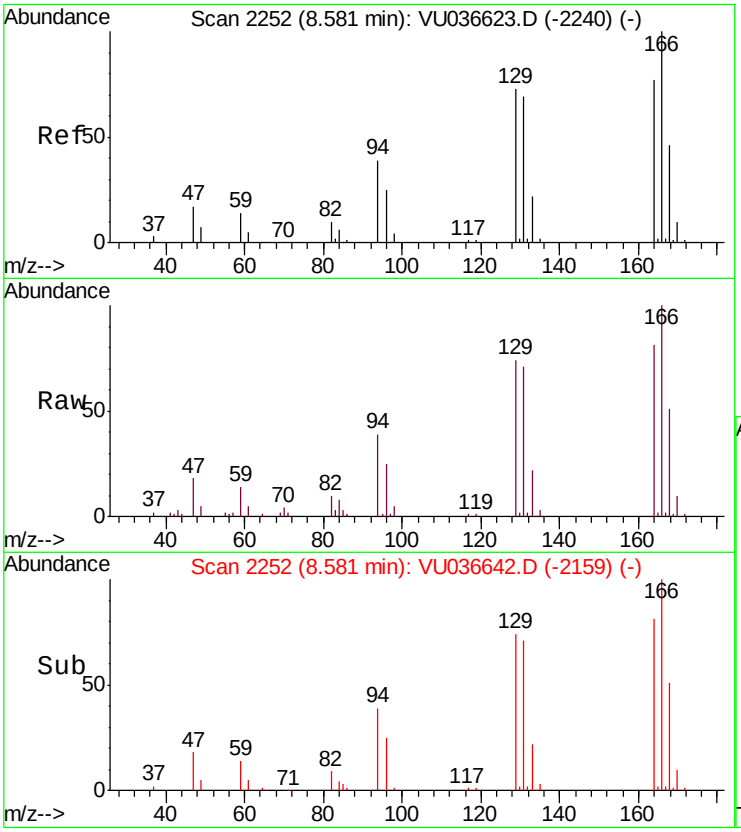


#45
1,1,2-Trichloroethane
Concen: 9.765 ug/L
RT: 8.39 min Scan# 2194
Delta R.T. -0.04 min
Lab File: VU036642.D
Acq: 31 Jan 2020 01:26

Tgt Ion: 97 Resp: 21807

Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.1	81.9#
83	9.1	61.2	113.6#
85	1.1	39.2	72.8#



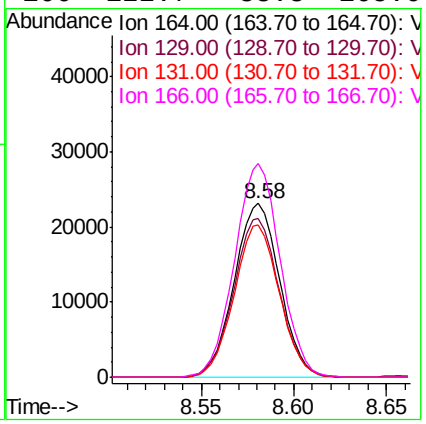


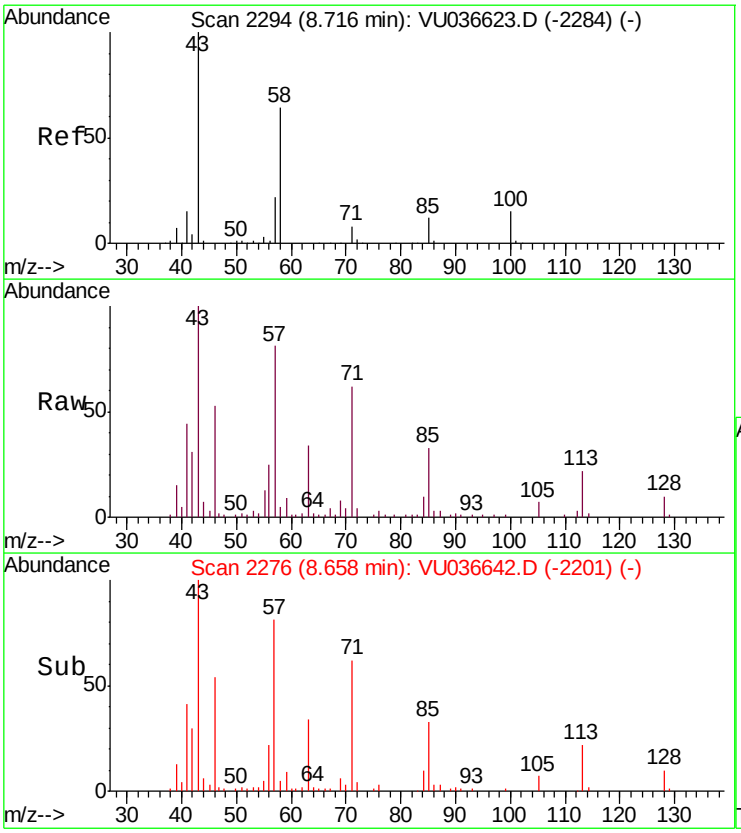
#46
Tetrachloroethene
Concen: 21.592 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VU036642.D
Acq: 31 Jan 2020 01:26

Instrument : MSVOA_U
ClientSampleId : GAT67

Tgt Ion:164 Resp: 39548

Ion	Ratio	Lower	Upper
164	100		
129	91.1	64.2	119.2
131	87.5	61.8	114.8
166	122.7	88.8	165.0

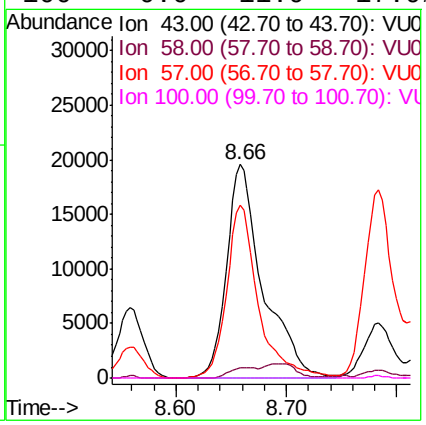


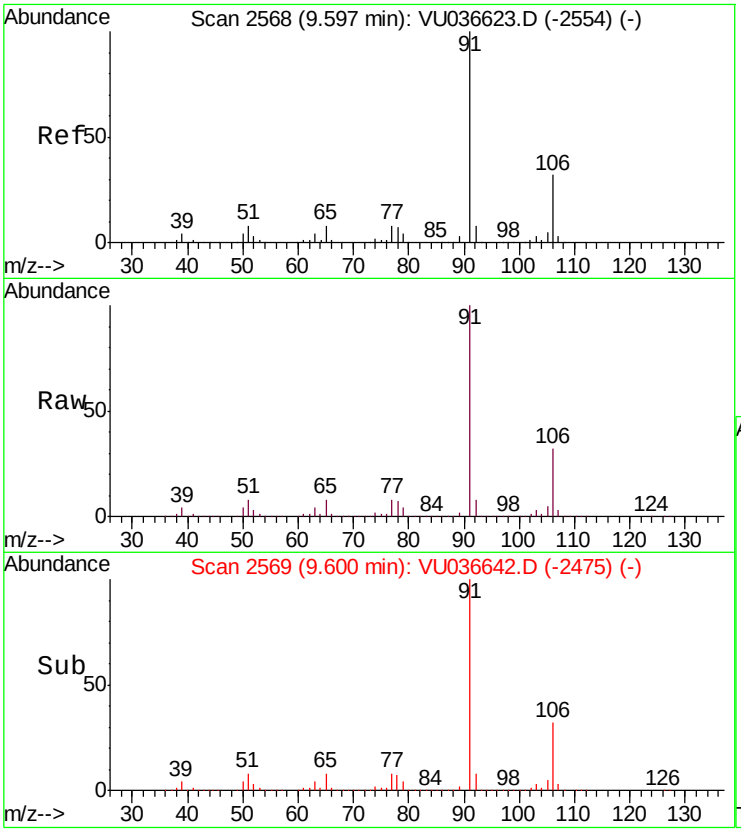


#48
2-Hexanone
Concen: 20.819 ug/L
RT: 8.66 min Scan# 2276
Delta R.T. -0.06 min
Lab File: VU036642.D
Acq: 31 Jan 2020 01:26

Tgt Ion: 43 Resp: 44756

Ion	Ratio	Lower	Upper
43	100		
58	3.7	49.4	74.0#
57	70.4	17.1	25.7#
100	0.0	11.9	17.9#



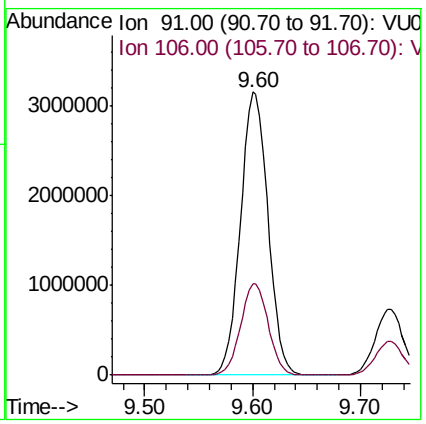


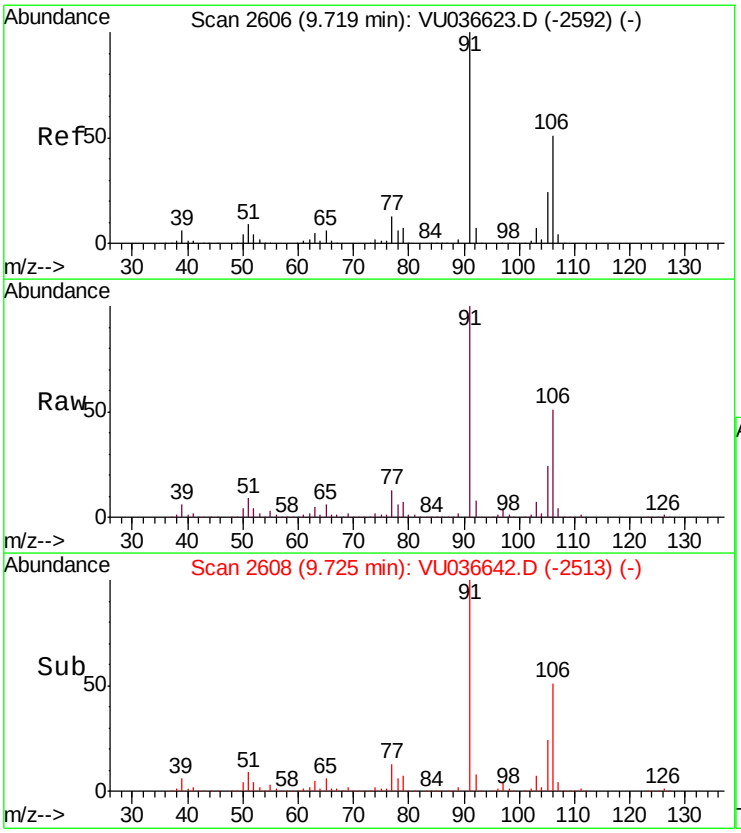
#52
Ethylbenzene
Concen: 534.938 ug/L
RT: 9.60 min Scan# 2569
Delta R.T. 0.00 min
Lab File: VU036642.D
Acq: 31 Jan 2020 01:26

Instrument :
MSVOA_U
ClientSampleId :
GAT67

Tgt Ion: 91 Resp: 5579307

Ion	Ratio	Lower	Upper
91	100		
106	32.4	22.6	42.0

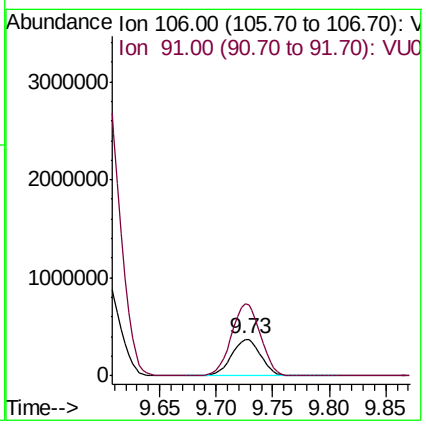


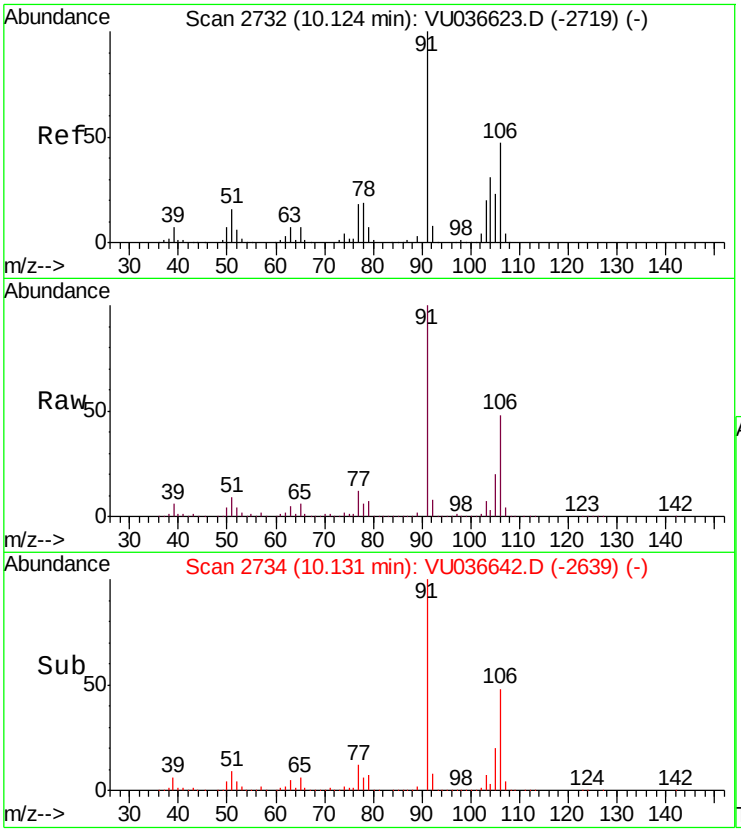


#53
m,p-Xylene
Concen: 165.384 ug/L
RT: 9.73 min Scan# 2608
Delta R.T. 0.01 min
Lab File: VU036642.D
Acq: 31 Jan 2020 01:26

Tgt Ion:106 Resp: 672777

Ion	Ratio	Lower	Upper
106	100		
91	196.9	139.4	259.0



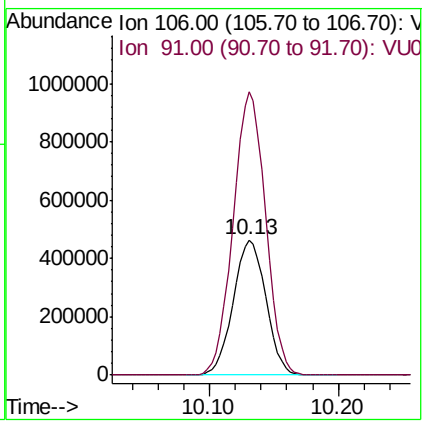


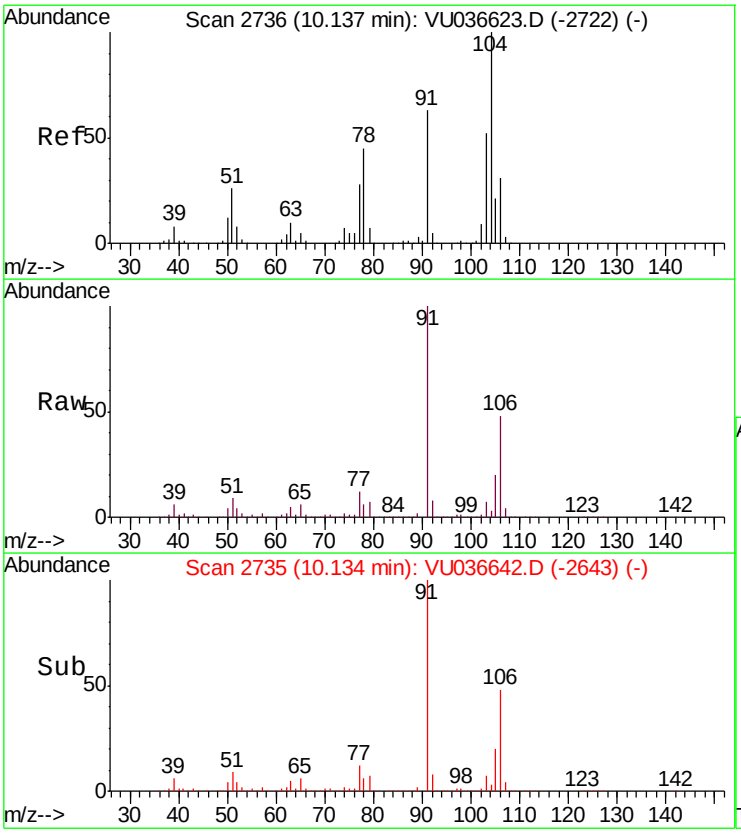
#54
o-xylene
Concen: 200.483 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. 0.01 min
Lab File: VU036642.D
Acq: 31 Jan 2020 01:26

Instrument :
MSVOA_U
ClientSampleId :
GAT67

Tgt Ion:106 Resp: 813504

Ion	Ratio	Lower	Upper
106	100		
91	209.4	145.9	271.1

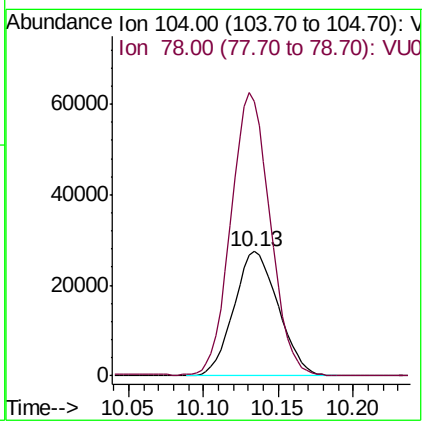


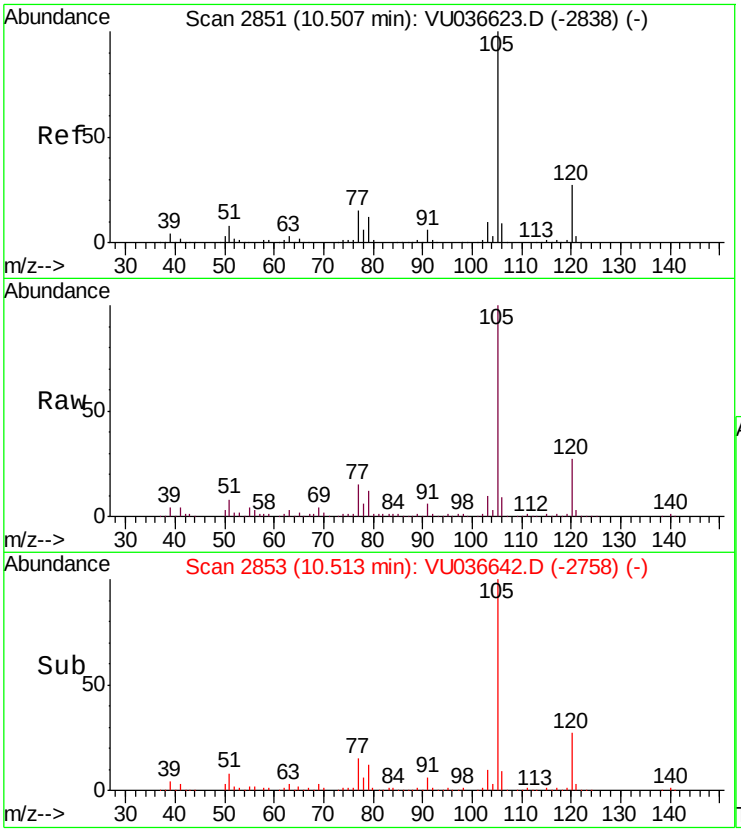


#55
Styrene
Concen: 8.657 ug/L
RT: 10.13 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VU036642.D
Acq: 31 Jan 2020 01:26

Tgt Ion:104 Resp: 57004

Ion	Ratio	Lower	Upper
104	100		
78	221.0	30.1	55.9#



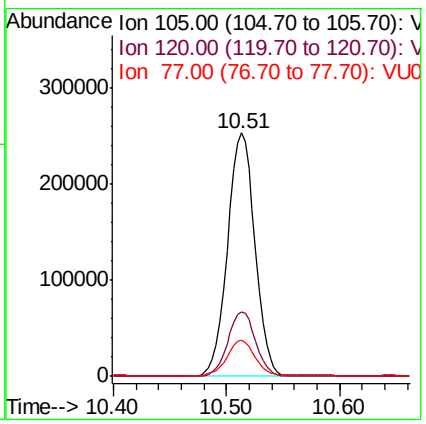


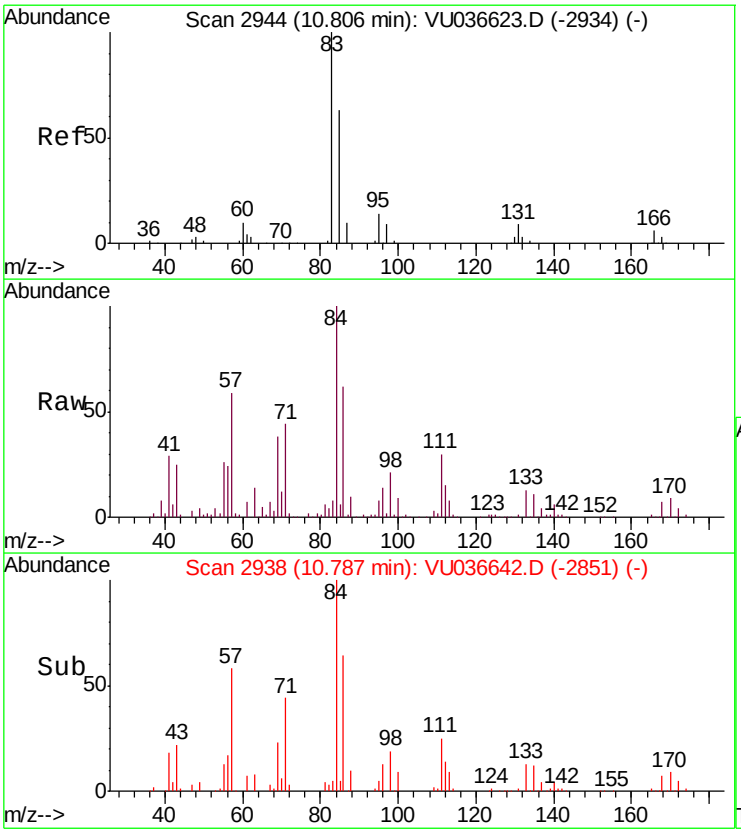
#56
Isopropylbenzene
Concen: 41.251 ug/L
RT: 10.51 min Scan# 2853
Delta R.T. 0.01 min
Lab File: VU036642.D
Acq: 31 Jan 2020 01:26

Instrument : MSVOA_U
ClientSampleId : GAT67

Tgt Ion:105 Resp: 425569

Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.6	32.4
77	15.6	11.8	17.8

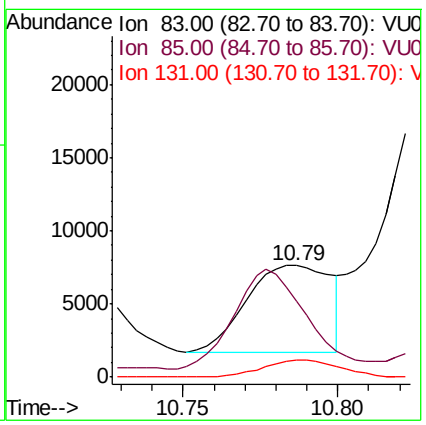


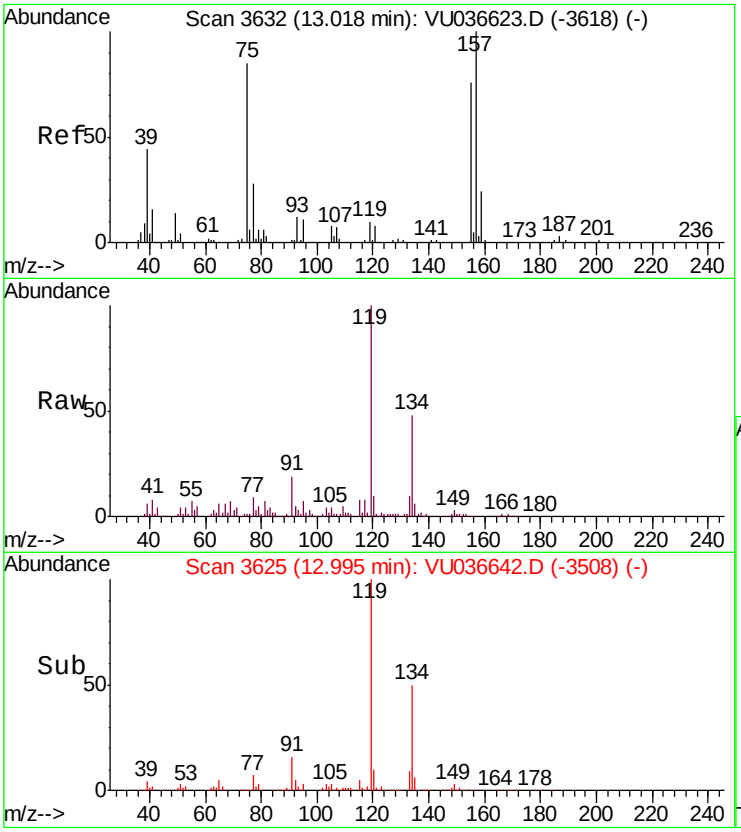


#58
1,1,2,2-Tetrachloroethane
Concen: 2.902 ug/L
RT: 10.79 min Scan# 2938
Delta R.T. -0.02 min
Lab File: VU036642.D
Acq: 31 Jan 2020 01:26

Tgt Ion: 83 Resp: 11173

Ion	Ratio	Lower	Upper
83	100		
85	68.2	44.5	82.7
131	15.2	7.8	11.8#



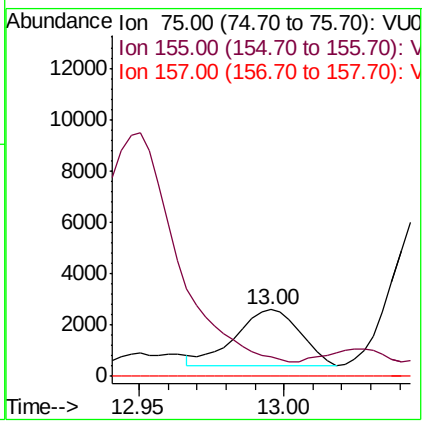


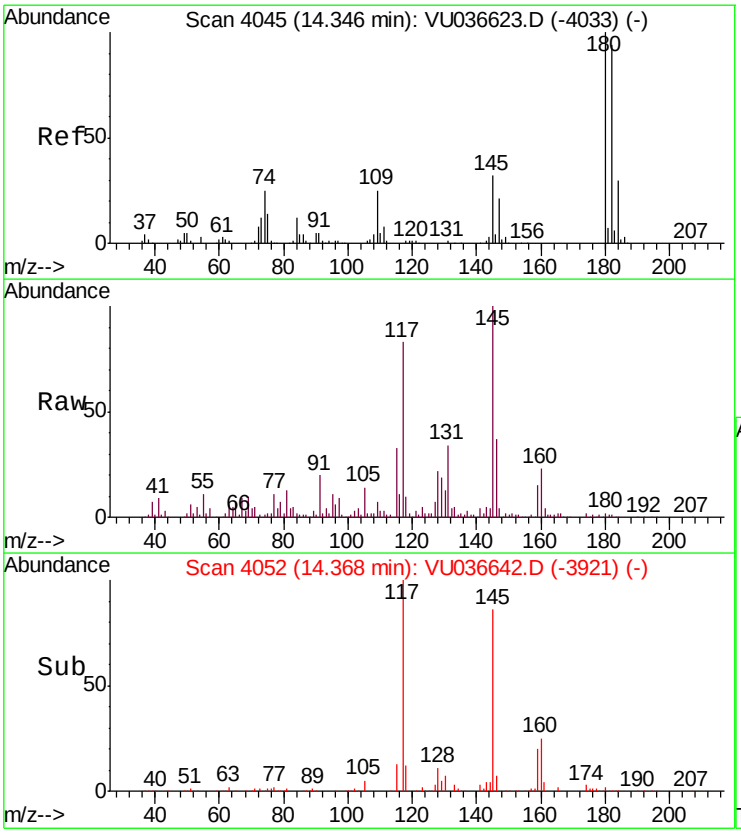
#66
1,2-Dibromo-3-chloropropane
Concen: 3.959 ug/L
RT: 13.00 min Scan# 3625
Delta R.T. -0.02 min
Lab File: VU036642.D
Acq: 31 Jan 2020 01:26

Instrument :
MSVOA_U
ClientSampleId :
GAT67

Tgt Ion: 75 Resp: 3374

Ion	Ratio	Lower	Upper
75	100		
155	29.1	73.4	110.2#
157	0.0	96.8	145.2#





#70
1,2,3-Trichlorobenzene
Concen: 3.114 ug/L
RT: 14.37 min Scan# 4052
Delta R.T. 0.02 min
Lab File: VU036642.D
Acq: 31 Jan 2020 01:26

Tgt Ion:180 Resp: 8272

Ion	Ratio	Lower	Upper
180	100		
182	10.3	76.1	114.1#
145	4390.5	25.4	38.2#