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

Quantitation Report (Not Reviewed)

Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Time: Jan 31 04:06:36 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	299517	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	294283	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	157341	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	66311	29.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 59.12%#			
7) Chloroethane-d5	1.89	69	15839	8.23	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 16.46%#			
11) 1,1-Dichloroethene-d2	2.54	63	90155	24.85	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery = 49.70%#			
21) 2-Butanone-d5	4.70	46	60369	45.34	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 45.34%			
24) Chloroform-d	5.11	84	135523	36.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 73.78%			
26) 1,2-Dichloroethane-d4	5.74	65	89426	39.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.10%			
32) Benzene-d6	5.76	84	316938	38.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 76.58%			
36) 1,2-Dichloropropane-d6	6.73	67	101803	39.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 78.94%			
41) Toluene-d8	7.93	98	310859	39.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 78.06%#			
43) trans-1,3-Dichloropropene-	8.21	79	48345	39.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.80%			
47) 2-Hexanone-d5	8.69	63	122800	102.66	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.66%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	156303	41.21	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 82.42%			
64) 1,2-Dichlorobenzene-d4	12.22	152	133634	39.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.16%#			

Target Compounds						Qvalue
3) Chloromethane	1.53	50	1921	0.791	ug/L	98
13) Acetone	2.69	43	2262	1.755	ug/L	69
15) Methyl Acetate	3.00	43	1712	0.849	ug/L #	85
22) 2-Butanone	4.77	43	9678	6.249	ug/L #	47
25) Chloroform	5.13	83	5089	1.392	ug/L	98
35) Methylcyclohexane	6.73	83	23554	6.236	ug/L #	21
37) 1,2-Dichloropropane	6.73	63	10212	4.567	ug/L #	87
42) Toluene	8.00	91	254493	26.611	ug/L	100
46) Tetrachloroethene	8.58	164	34809	18.920	ug/L	99
48) 2-Hexanone	8.69	43	11636	5.389	ug/L #	61
49) Dibromochloromethane	8.58	129	32290	13.599	ug/L #	11
52) Ethylbenzene	9.60	91	2912890	278.047	ug/L	100
53) m,p-Xylene	9.72	106	1493329	365.467	ug/L	98
54) o-xylene	10.13	106	1015113	249.060	ug/L	99
55) Styrene	10.15	104	1438548	217.493	ug/L	99
56) Isopropylbenzene	10.51	105	82240	7.936	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.83	83	4894	1.266	ug/L #	39

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

Quantitation Report (Not Reviewed)

Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Time: Jan 31 04:06:36 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)
66) 1,2-Dibromo-3-chloropropan	12.99	75	2563	2.966	ug/L	#	7
69) Naphthalene	13.94	128	18637	2.465	ug/L	#	1

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

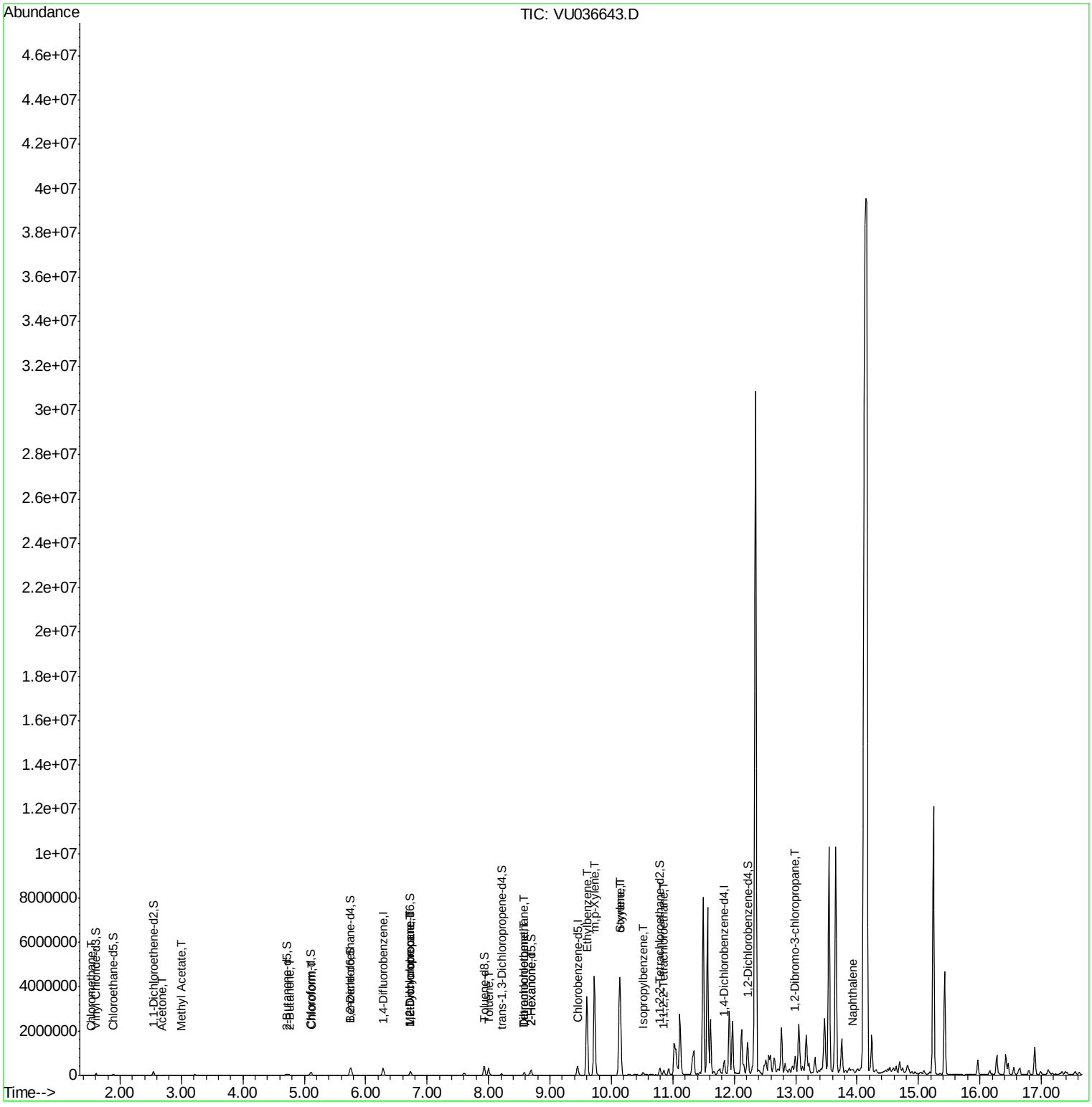
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\

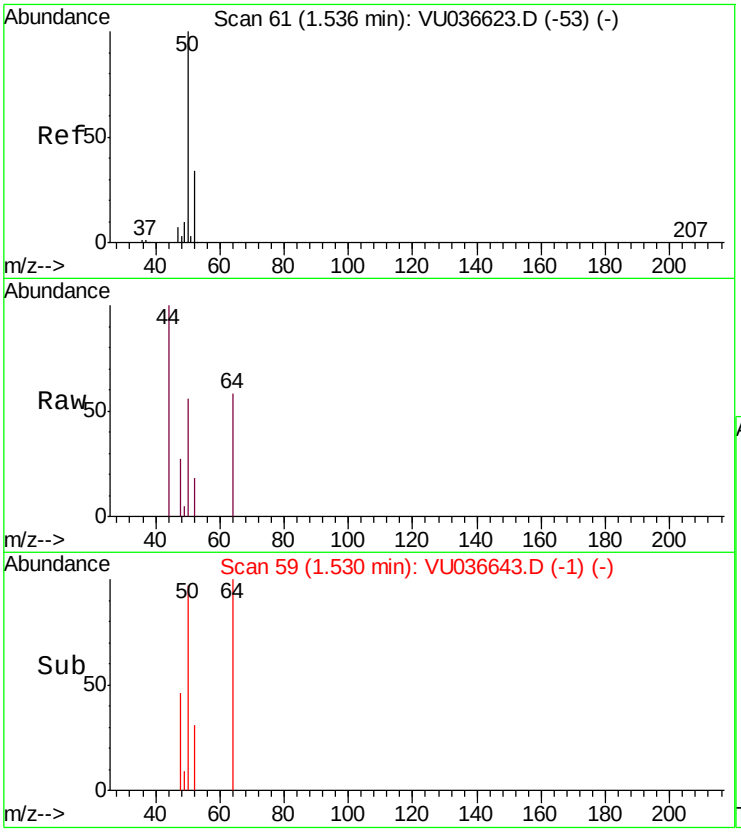
Quantitation Report (Not Reviewed)

Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAT70

Quant Time: Jan 31 04:06:36 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



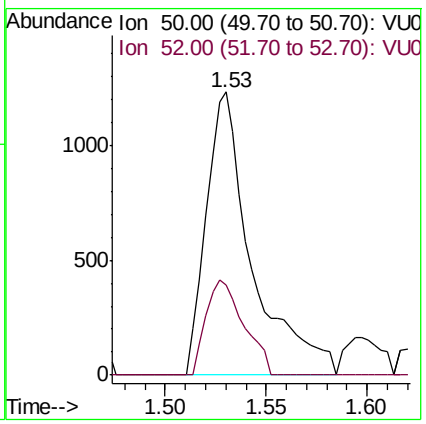


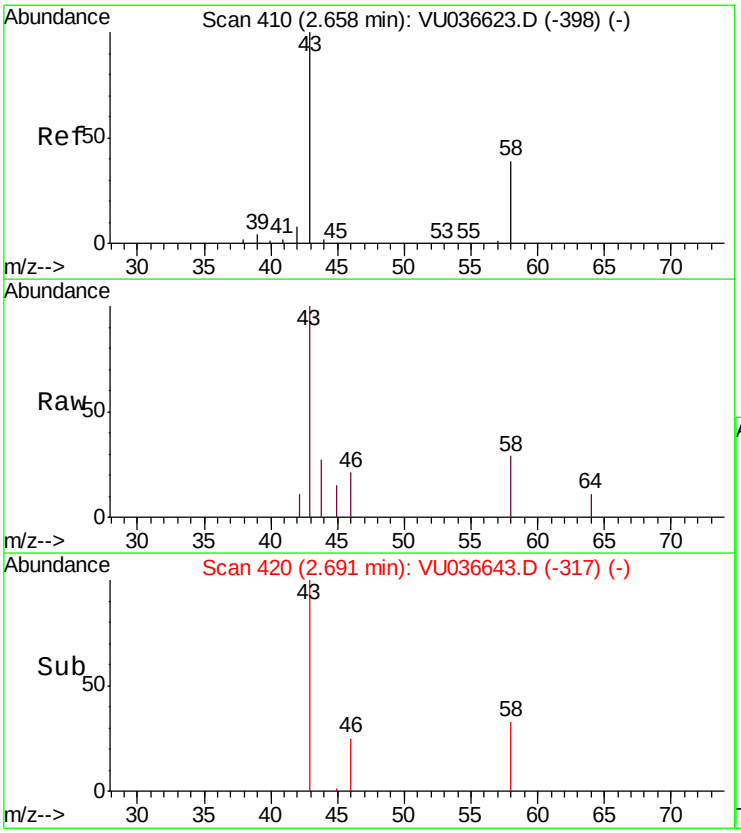
#3
Chloromethane
Concen: 0.791 ug/L
RT: 1.53 min Scan# 59
Delta R.T. -0.01 min
Lab File: VU036643.D
Acq: 31 Jan 2020 01:52

Instrument :
MSVOA_U
ClientSampleId :
GAT70

Tgt Ion: 50 Resp: 1921

Ion	Ratio	Lower	Upper
50	100		
52	31.7	23.2	43.0

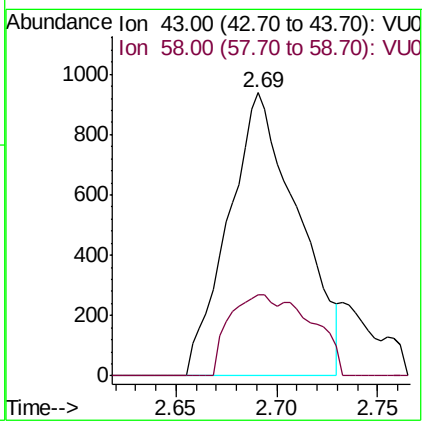


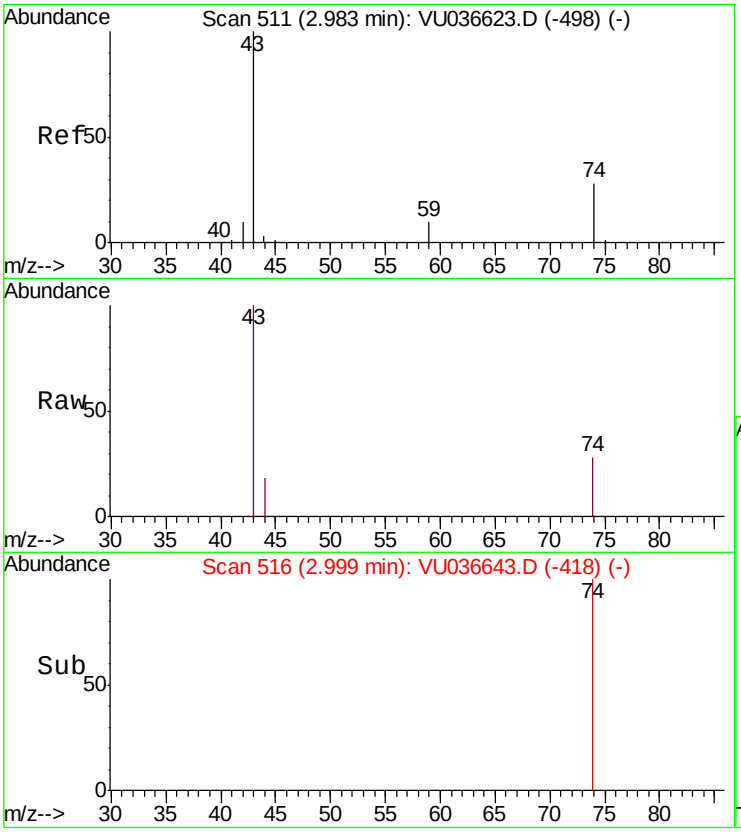


#13
Acetone
Concen: 1.755 ug/L
RT: 2.69 min Scan# 420
Delta R.T. 0.03 min
Lab File: VU036643.D
Acq: 31 Jan 2020 01:52

Tgt Ion: 43 Resp: 2262

Ion	Ratio	Lower	Upper
43	100		
58	19.4	0.0	75.4



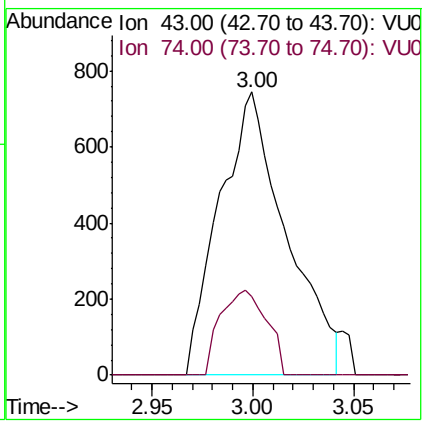


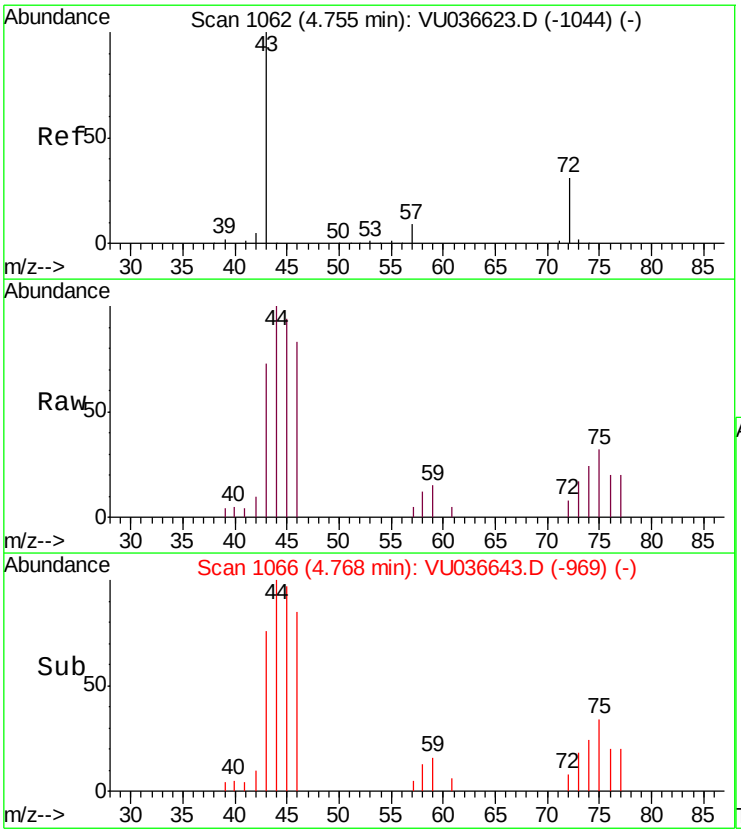
#15
Methyl Acetate
Concen: 0.849 ug/L
RT: 3.00 min Scan# 516
Delta R.T. 0.02 min
Lab File: VU036643.D
Acq: 31 Jan 2020 01:52

Instrument : MSVOA_U
ClientSampleId : GAT70

Tgt Ion: 43 Resp: 1712

Ion	Ratio	Lower	Upper
43	100		
74	20.9	23.3	34.9#

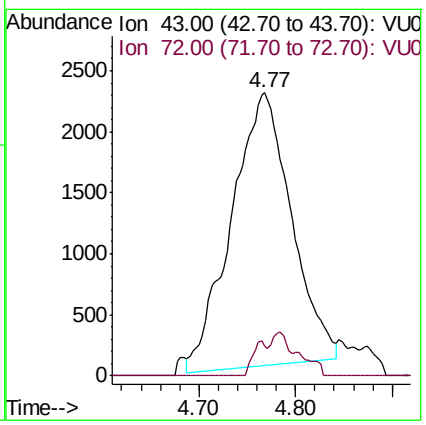


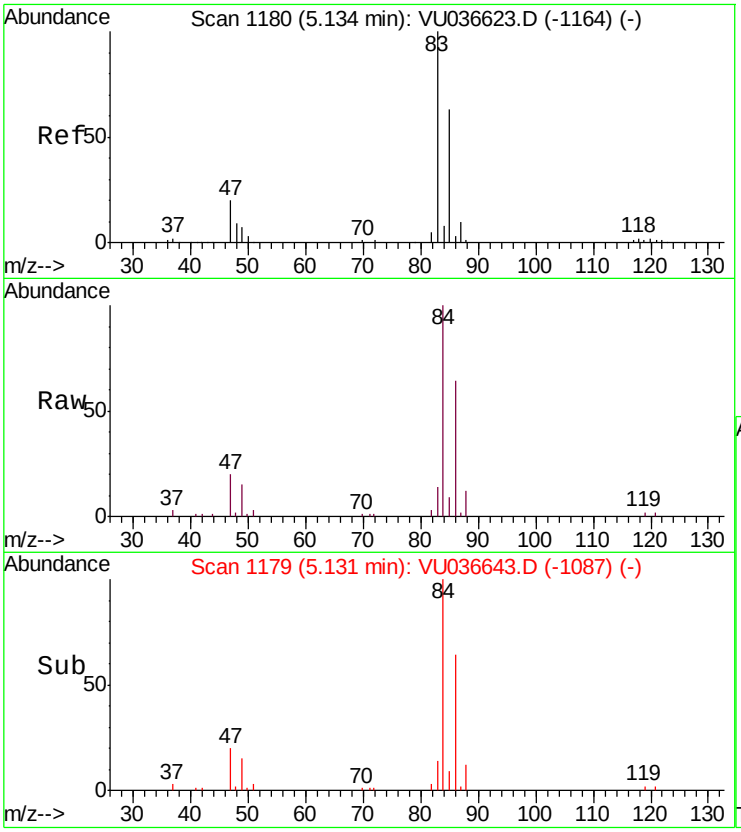


#22
2-Butanone
Concen: 6.249 ug/L
RT: 4.77 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VU036643.D
Acq: 31 Jan 2020 01:52

Tgt Ion: 43 Resp: 9678

Ion	Ratio	Lower	Upper
43	100		
72	3.0	16.7	50.1#



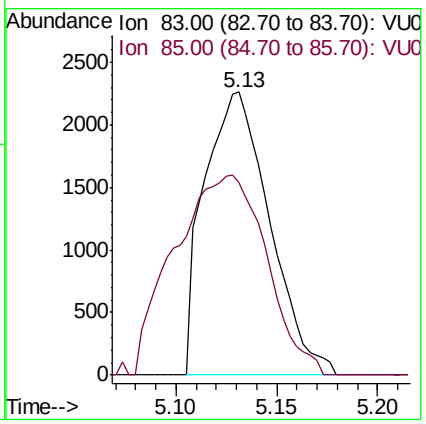


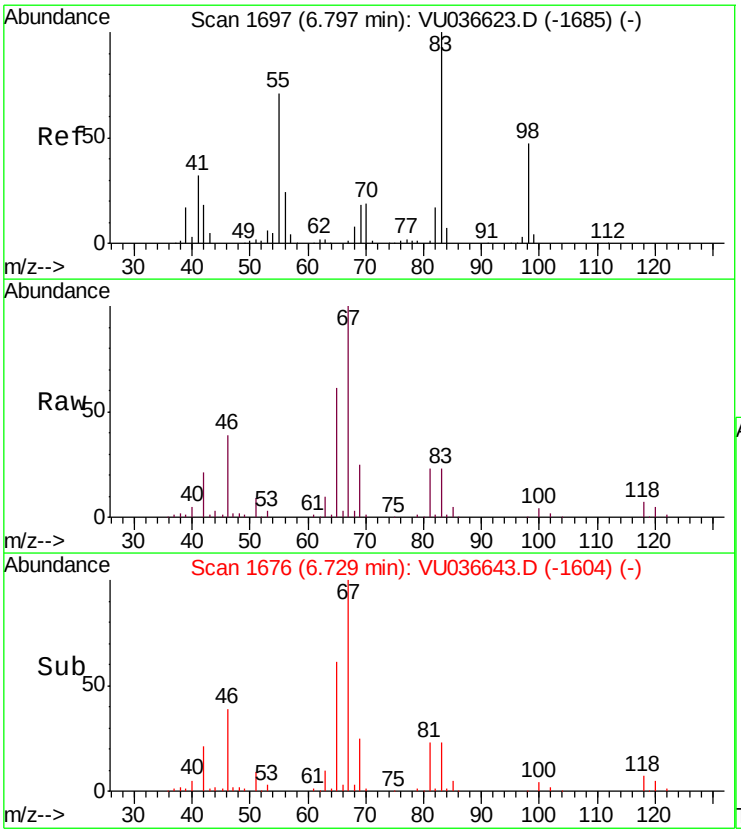
#25
Chloroform
Concen: 1.392 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU036643.D
Acq: 31 Jan 2020 01:52

Instrument :
MSVOA_U
ClientSampleId :
GAT70

Tgt Ion: 83 Resp: 5089

Ion	Ratio	Lower	Upper
83	100		
85	67.9	46.3	85.9

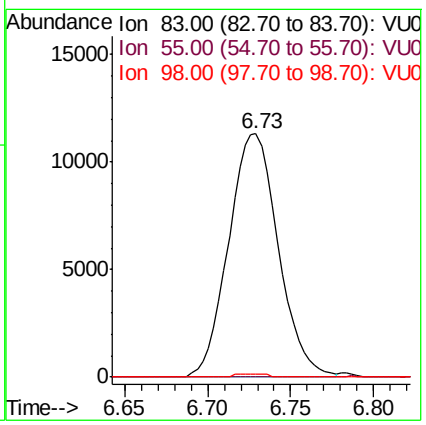


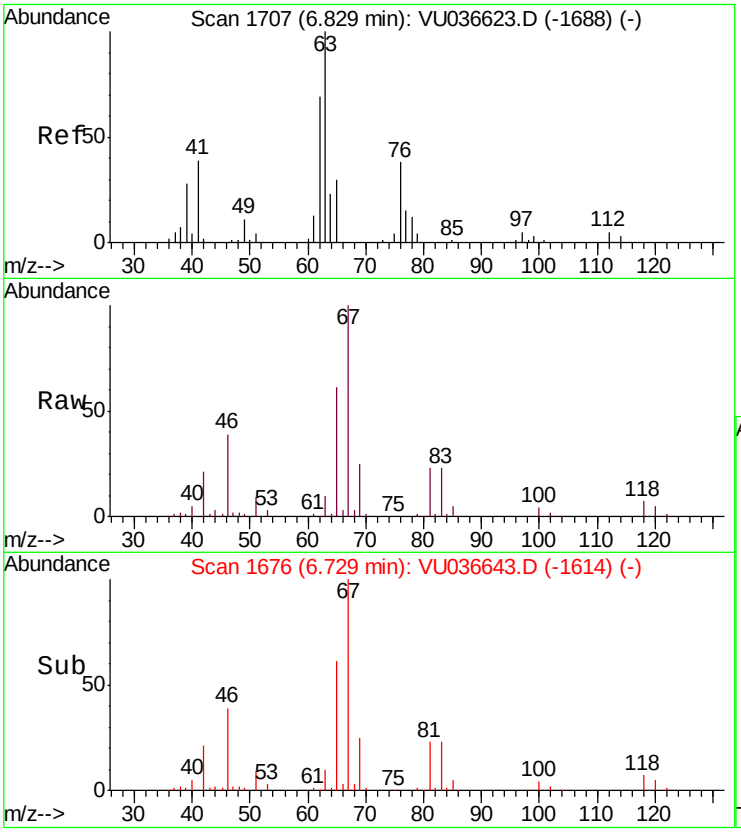


#35
Methylcyclohexane
Concen: 6.236 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036643.D
Acq: 31 Jan 2020 01:52

Tgt Ion: 83 Resp: 23554

Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.1	84.1#
98	0.6	37.5	56.3#



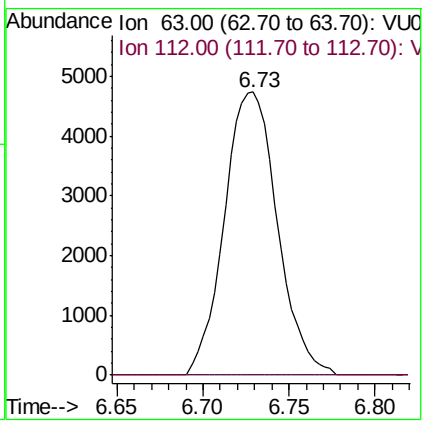


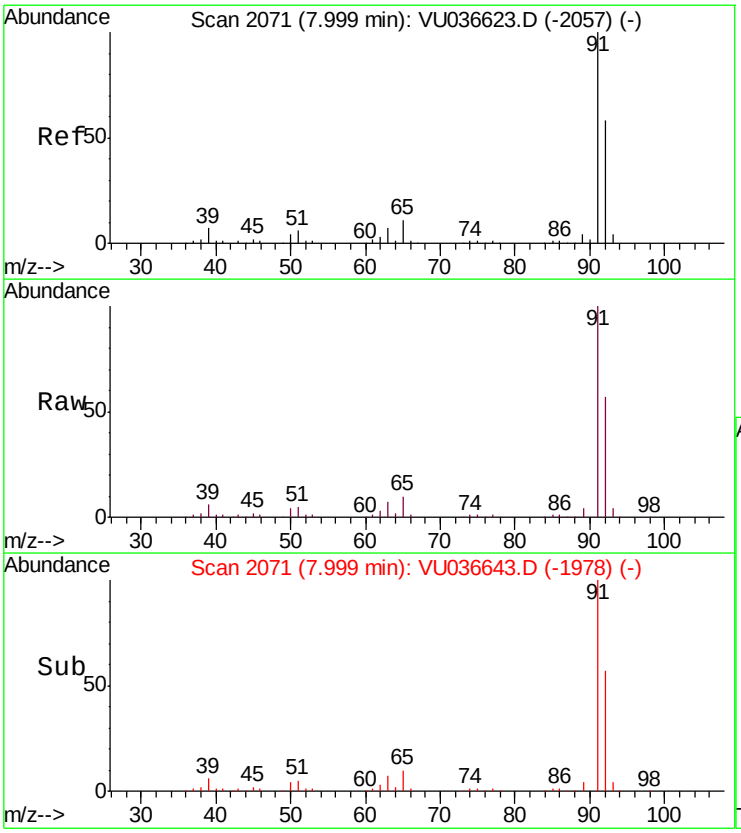
#37
1,2-Dichloropropane
Concen: 4.567 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036643.D
Acq: 31 Jan 2020 01:52

Instrument :
MSVOA_U
ClientSampleId :
GAT70

Tgt Ion: 63 Resp: 10212

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#

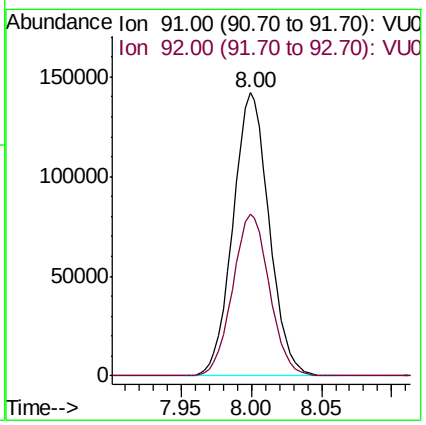


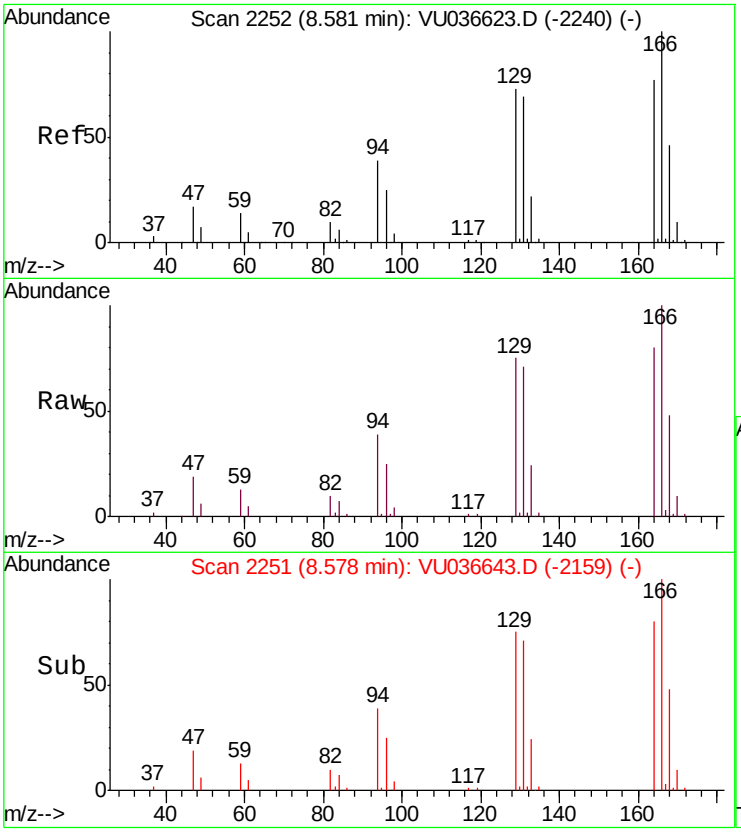


#42
Toluene
Concen: 26.611 ug/L
RT: 8.00 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VU036643.D
Acq: 31 Jan 2020 01:52

Tgt Ion: 91 Resp: 254493

Ion	Ratio	Lower	Upper
91	100		
92	57.1	39.9	74.1



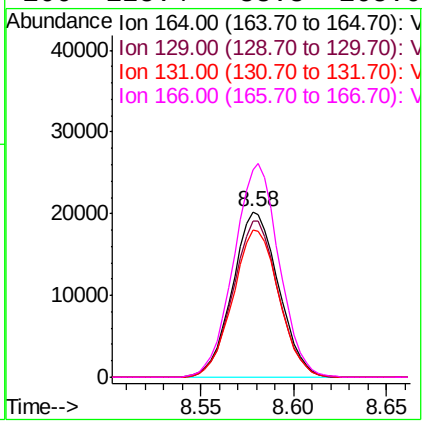


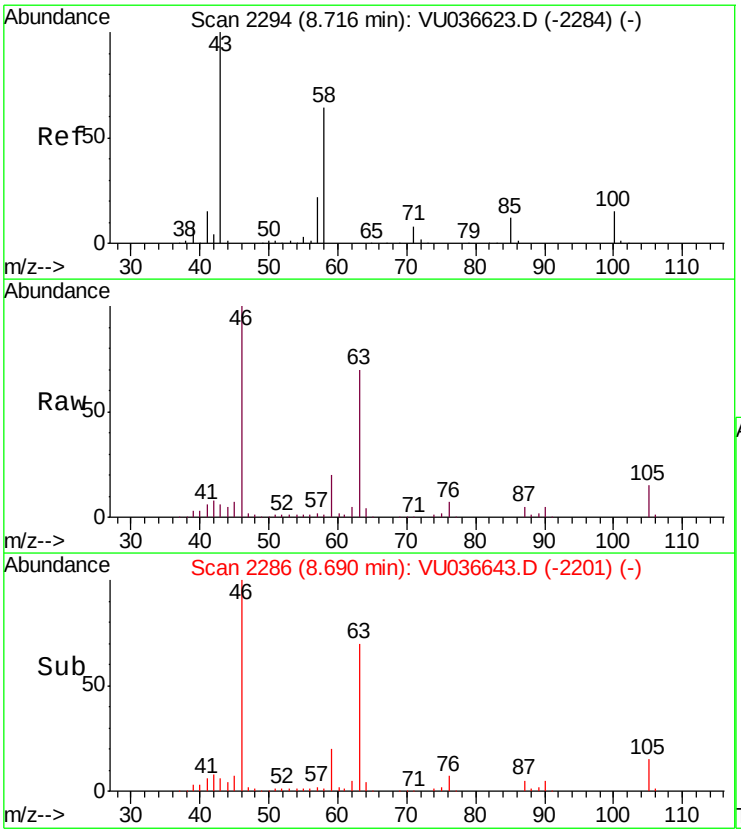
#46
Tetrachloroethene
Concen: 18.920 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. -0.00 min
Lab File: VU036643.D
Acq: 31 Jan 2020 01:52

Instrument :
MSVOA_U
ClientSampleId :
GAT70

Tgt Ion:164 Resp: 34809

Ion	Ratio	Lower	Upper
164	100		
129	94.2	64.2	119.2
131	88.8	61.8	114.8
166	125.4	88.8	165.0

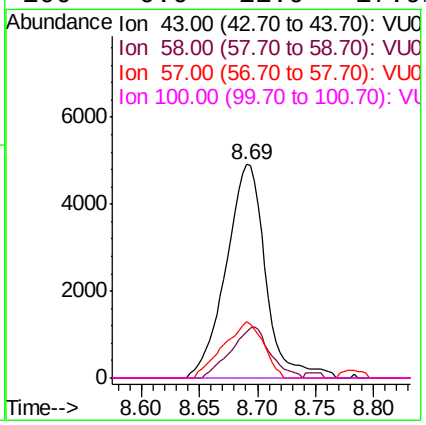


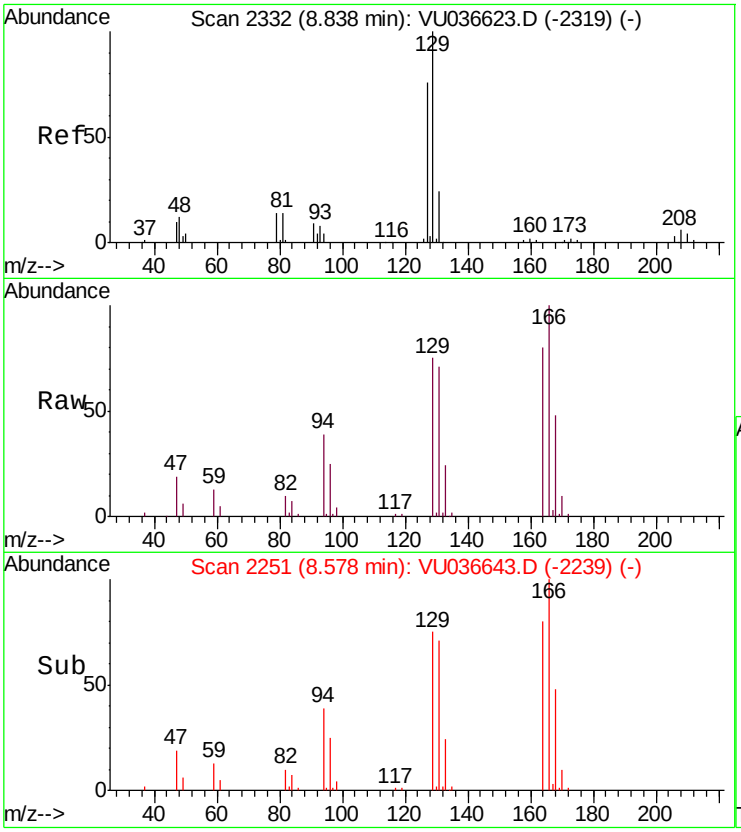


#48
2-Hexanone
Concen: 5.389 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. -0.03 min
Lab File: VU036643.D
Acq: 31 Jan 2020 01:52

Tgt Ion: 43 Resp: 11636

Ion	Ratio	Lower	Upper
43	100		
58	23.8	49.4	74.0#
57	26.7	17.1	25.7#
100	0.0	11.9	17.9#



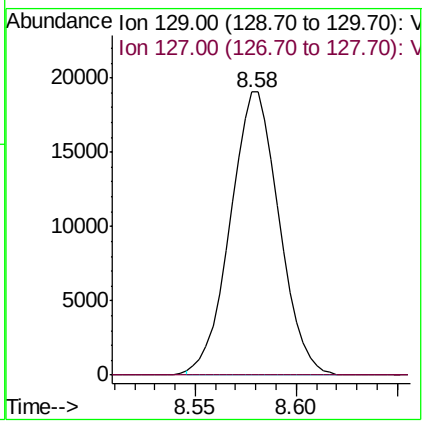


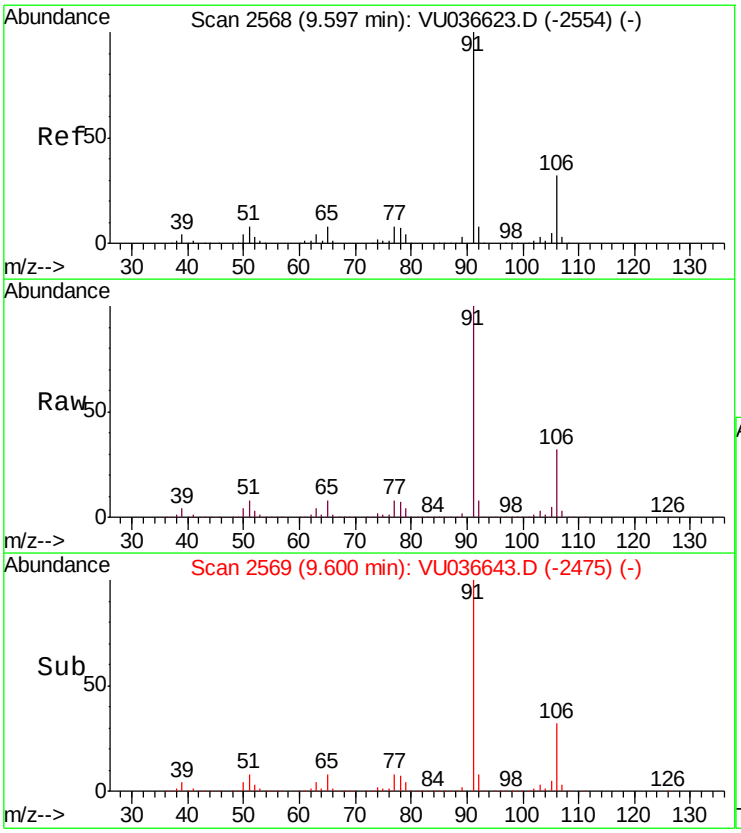
#49
Dibromochloromethane
Concen: 13.599 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. -0.26 min
Lab File: VU036643.D
Acq: 31 Jan 2020 01:52

Instrument :
MSVOA_U
ClientSampleId :
GAT70

Tgt Ion:129 Resp: 32290

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.0	100.2#

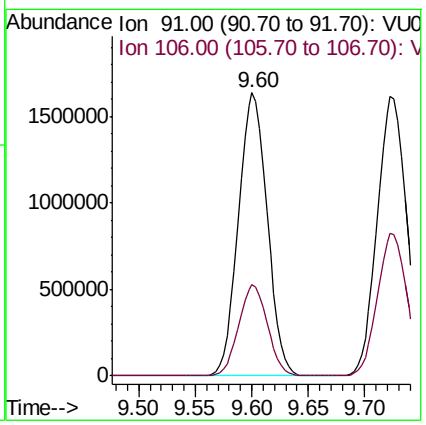


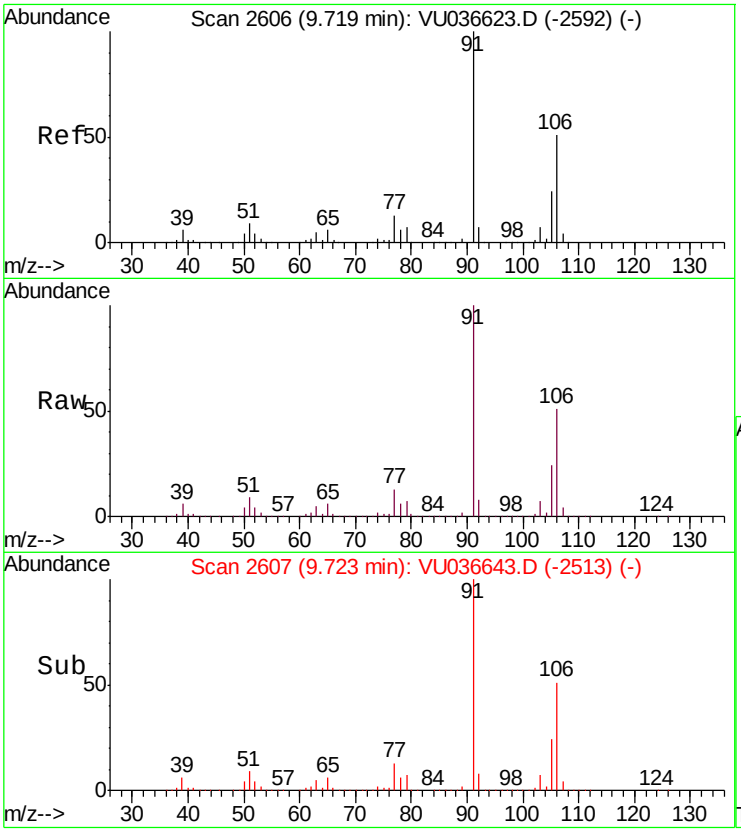


#52
Ethylbenzene
Concen: 278.047 ug/L
RT: 9.60 min Scan# 2569
Delta R.T. 0.00 min
Lab File: VU036643.D
Acq: 31 Jan 2020 01:52

Tgt Ion: 91 Resp: 2912890

Ion	Ratio	Lower	Upper
91	100		
106	32.2	22.6	42.0



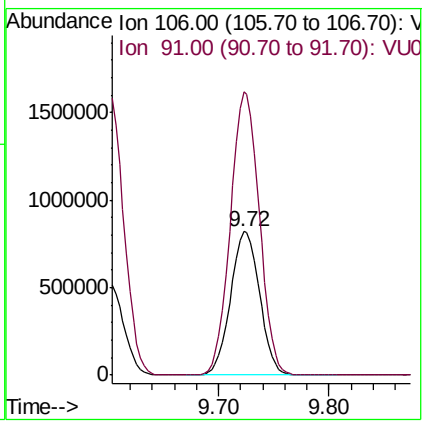


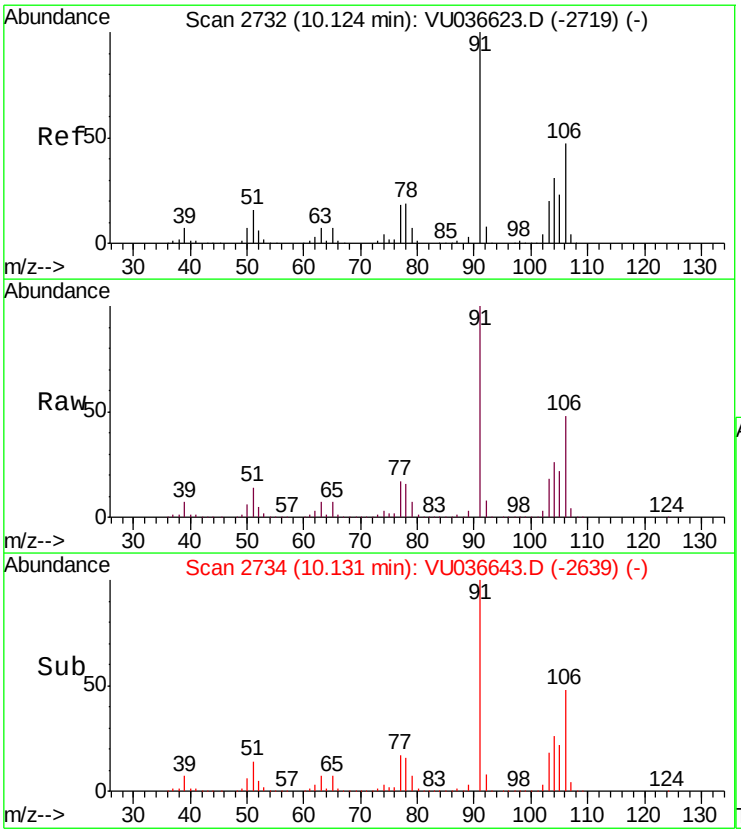
#53
m,p-Xylene
Concen: 365.467 ug/L
RT: 9.72 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VU036643.D
Acq: 31 Jan 2020 01:52

Instrument :
MSVOA_U
ClientSampleId :
GAT70

Tgt Ion:106 Resp: 1493329

Ion	Ratio	Lower	Upper
106	100		
91	196.9	139.4	259.0

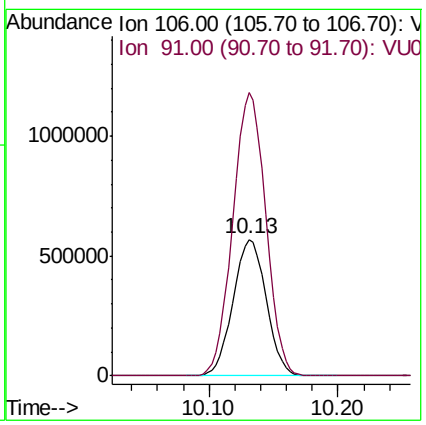


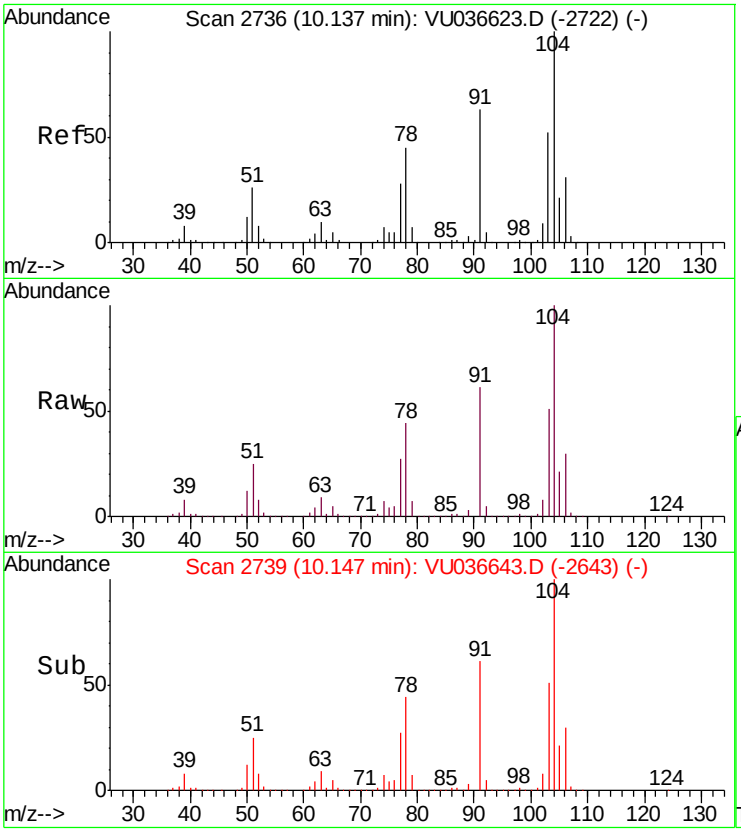


#54
o-xylene
Concen: 249.060 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. 0.01 min
Lab File: VU036643.D
Acq: 31 Jan 2020 01:52

Tgt Ion:106 Resp: 1015113

Ion	Ratio	Lower	Upper
106	100		
91	207.1	145.9	271.1



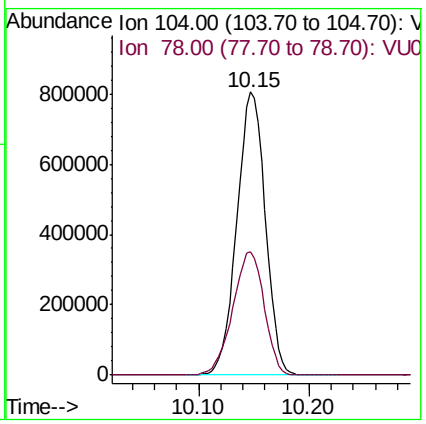


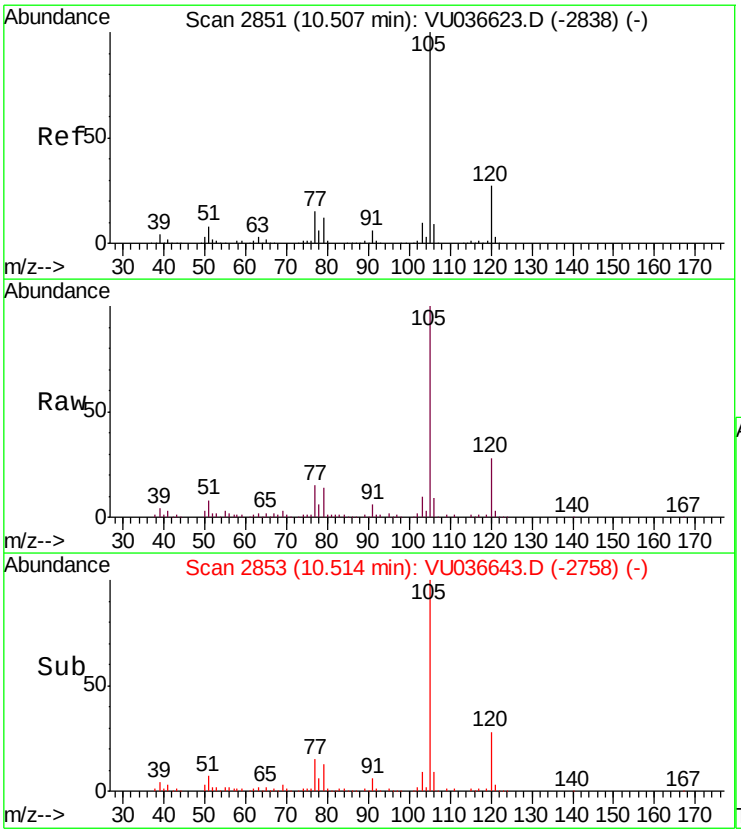
#55
Styrene
Concen: 217.493 ug/L
RT: 10.15 min Scan# 2739
Delta R.T. 0.01 min
Lab File: VU036643.D
Acq: 31 Jan 2020 01:52

Instrument :
MSVOA_U
ClientSampleId :
GAT70

Tgt Ion:104 Resp: 1438548

Ion	Ratio	Lower	Upper
104	100		
78	43.6	30.1	55.9

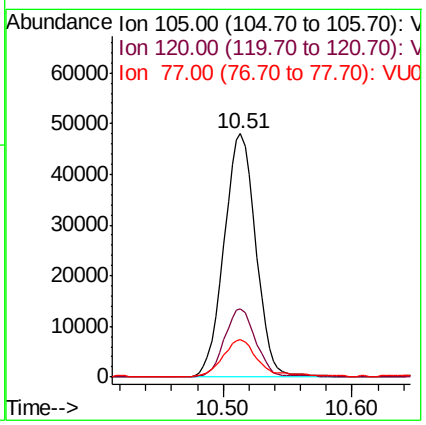


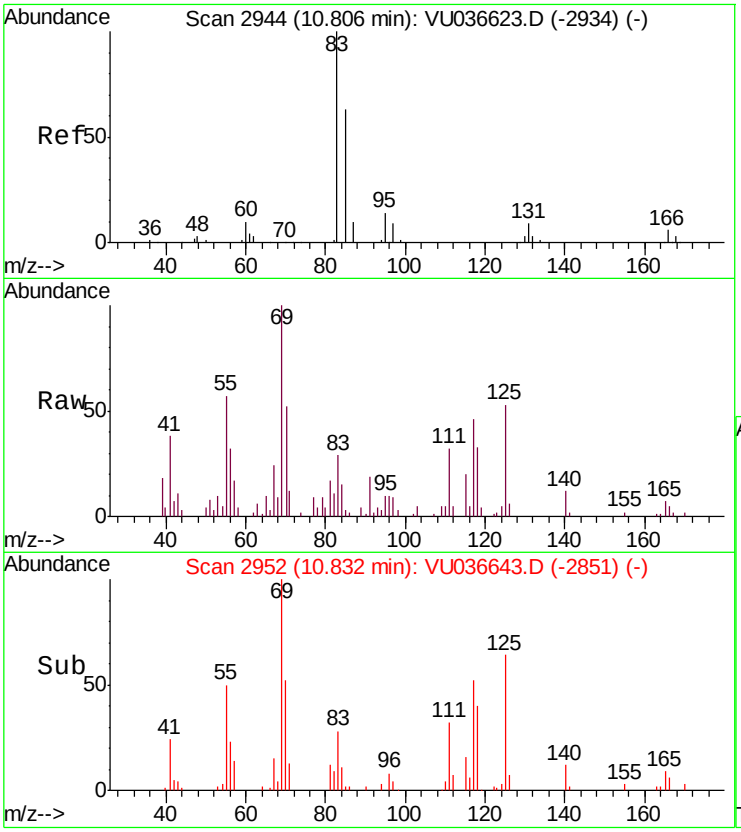


#56
Isopropylbenzene
Concen: 7.936 ug/L
RT: 10.51 min Scan# 2853
Delta R.T. 0.01 min
Lab File: VU036643.D
Acq: 31 Jan 2020 01:52

Tgt Ion:105 Resp: 82240

Ion	Ratio	Lower	Upper
105	100		
120	27.3	21.6	32.4
77	15.6	11.8	17.8



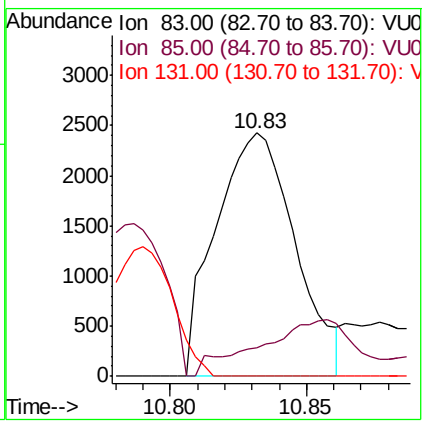


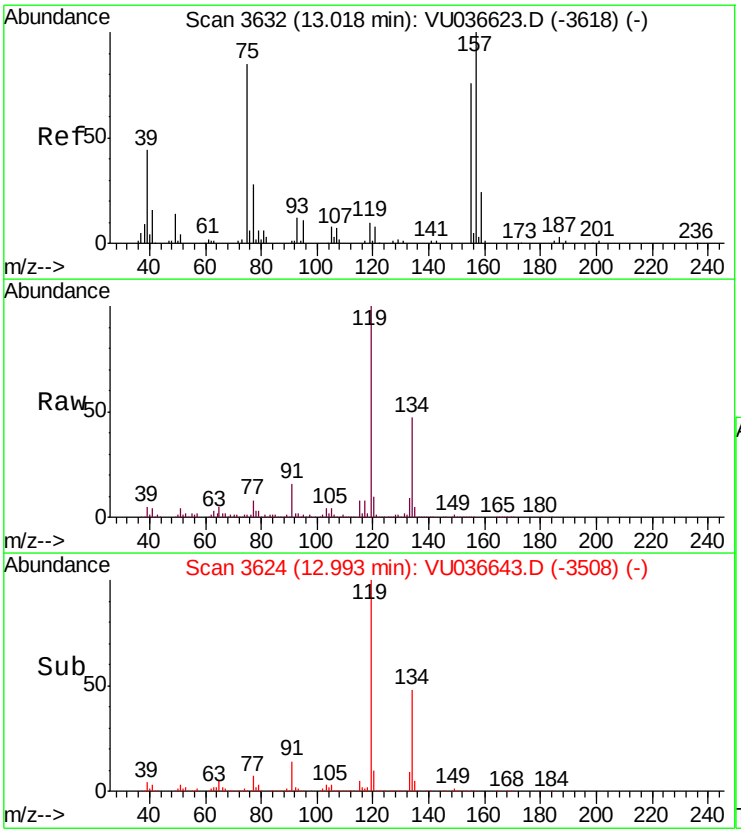
#58
1,1,2,2-Tetrachloroethane
Concen: 1.266 ug/L
RT: 10.83 min Scan# 2952
Delta R.T. 0.03 min
Lab File: VU036643.D
Acq: 31 Jan 2020 01:52

Instrument : MSVOA_U
ClientSampleId : GAT70

Tgt Ion: 83 Resp: 4894

Ion	Ratio	Lower	Upper
83	100		
85	11.7	44.5	82.7#
131	0.0	7.8	11.8#

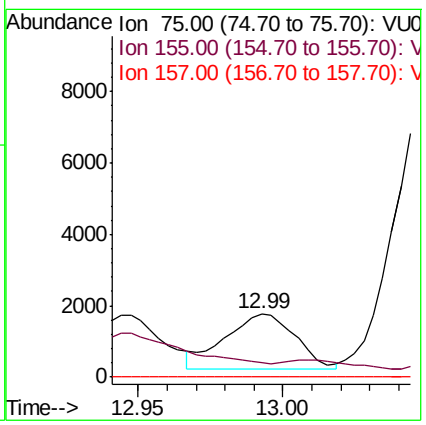


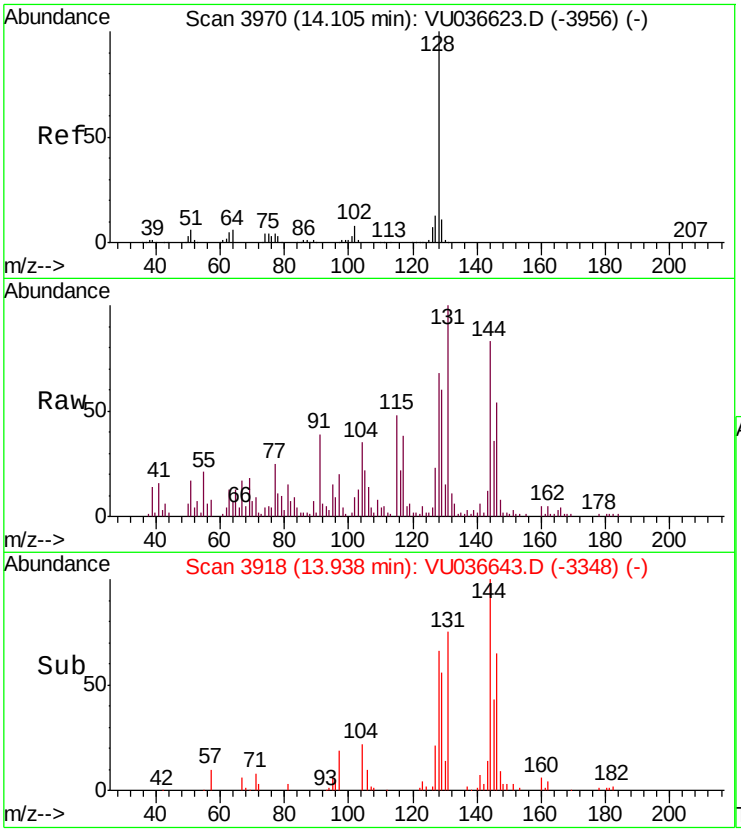


#66
1,2-Dibromo-3-chloropropane
Concen: 2.966 ug/L
RT: 12.99 min Scan# 3624
Delta R.T. -0.03 min
Lab File: VU036643.D
Acq: 31 Jan 2020 01:52

Tgt Ion: 75 Resp: 2563

Ion	Ratio	Lower	Upper
75	100		
155	22.2	73.4	110.2#
157	0.0	96.8	145.2#





#69
Naphthalene
Concen: 2.465 ug/L
RT: 13.94 min Scan# 3918
Delta R.T. -0.17 min
Lab File: VU036643.D
Acq: 31 Jan 2020 01:52

Instrument :
MSVOA_U
ClientSampleId :
GAT70

Tgt Ion:128 Resp: 18637

Ion	Ratio	Lower	Upper
128	100		
127	34.9	10.6	15.8#
129	85.9	8.6	12.8#