Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050118\
Data File : VU023561.D
Acq On : 01 May 2018 18:30
Operator : MD/SY
Sample : J2621-02MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 02 03:51:56 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 02 03:12:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	347645	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	325198	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	163572	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	102308	41.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.04%			
7) Chloroethane-d5	1.68	69	80683	42.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.92%			
11) 1,1-Dichloroethene-d2	2.27	63	211300	43.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.98%			
21) 2-Butanone-d5	4.18	46	182082	106.96	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.96%			
24) Chloroform-d	4.65	84	193150	47.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.80%			
26) 1,2-Dichloroethane-d4	5.31	65	130184	45.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.88%			
32) Benzene-d6	5.35	84	404697	46.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.76%			
36) 1,2-Dichloropropane-d6	6.33	67	141407	48.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.78%			
41) Toluene-d8	7.57	98	371823	46.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.44%			
43) trans-1,3-Dichloropropene-	7.85	79	60347	47.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.94%			
47) 2-Hexanone-d5	8.31	63	136719	123.19	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 123.19%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	185474	49.06	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.12%			
64) 1,2-Dichlorobenzene-d4	11.86	152	153948	48.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.48%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.28	96	110105	43.40	ug/L	97
13) Acetone	2.32	43	27661	10.94	ug/L	100
15) Methyl Acetate	2.62	43	16834	5.02	ug/L	96
16) Methylene chloride	2.70	84	411341	129.89	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	29806	9.67	ug/L	96
22) 2-Butanone	4.27	43	5986	2.13	ug/L	89
30) 1,1,1-Trichloroethane	4.92	97	144056	34.97	ug/L	100
33) Benzene	5.39	78	500521	43.68	ug/L	100
34) Trichloroethene	6.19	95	1630665	555.37	ug/L	99
42) Toluene	7.64	91	543009	45.72	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	5385	1.93	ug/L	96
51) Chlorobenzene	9.12	112	331834	41.93	ug/L	99
52) Ethylbenzene	9.26	91	33971	2.64	ug/L	100
53) m,p-Xylene	9.38	106	41648	8.48	ug/L	99
54) o-xylene	9.78	106	17271	3.71	ug/L	96

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050118\
Data File : VU023561.D
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 02 03:51:56 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 02 03:12:05 2018
Response via : Initial Calibration

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

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

Quantitation Report (QT Reviewed)

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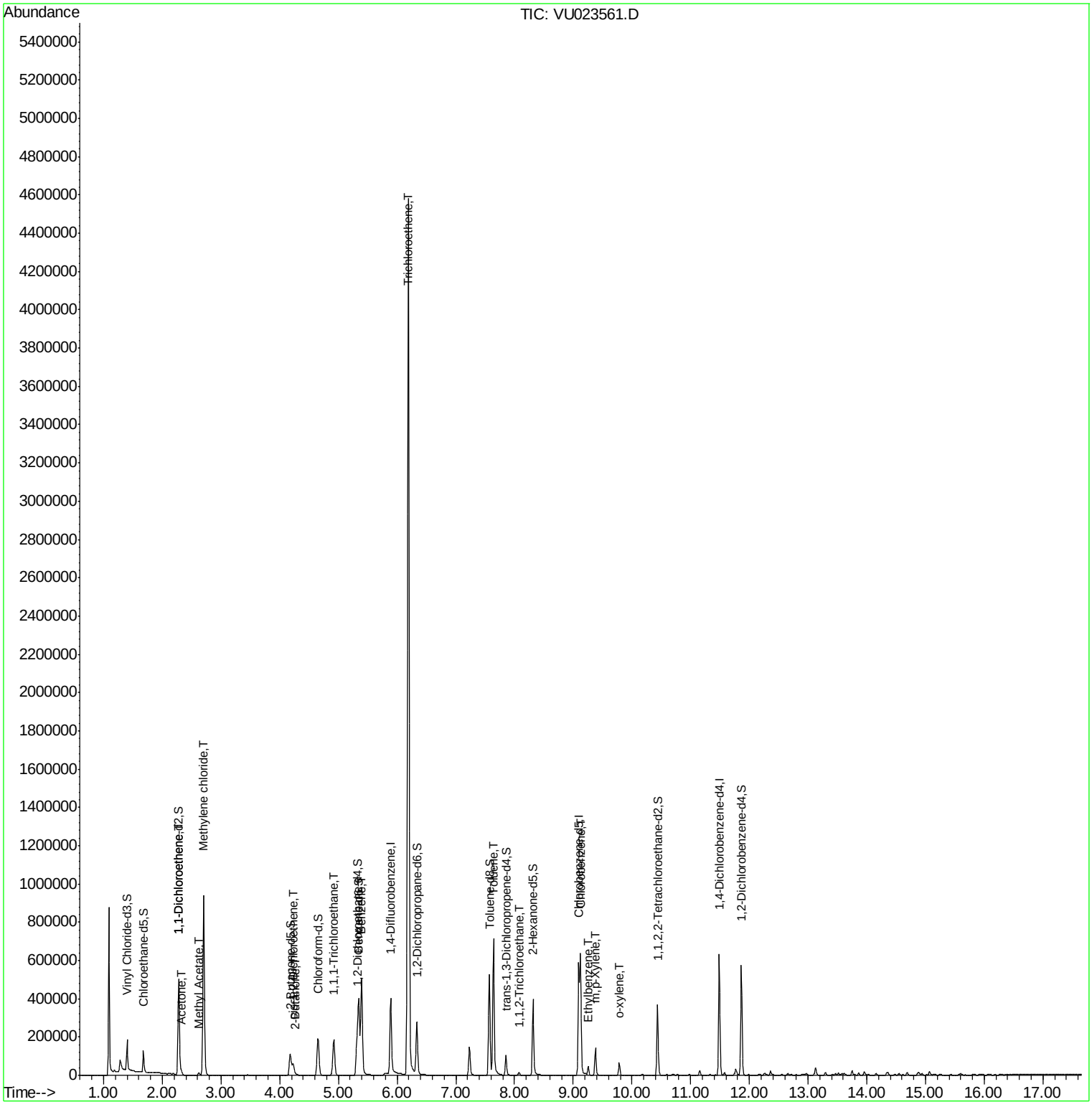
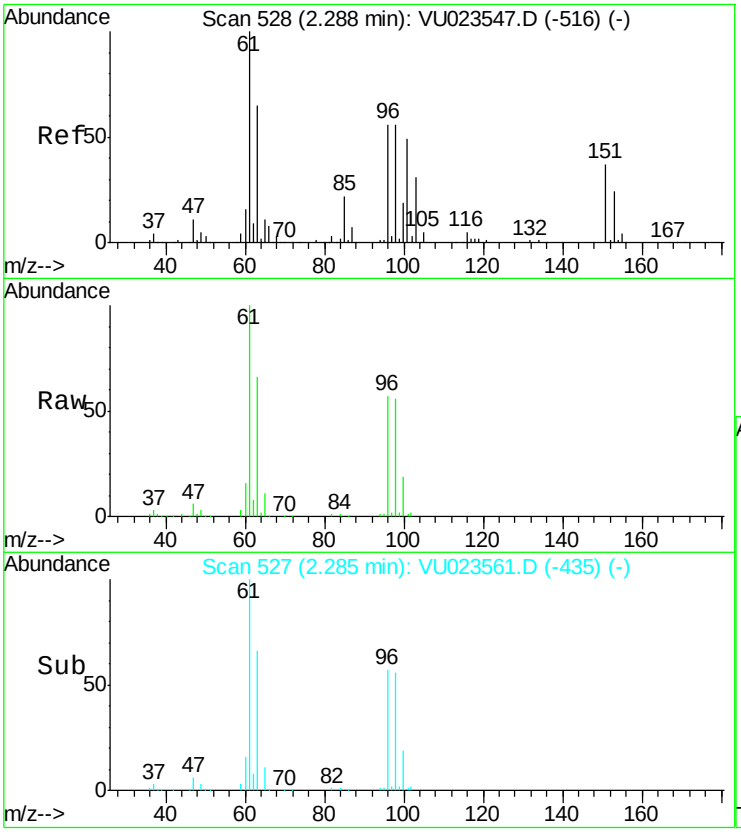
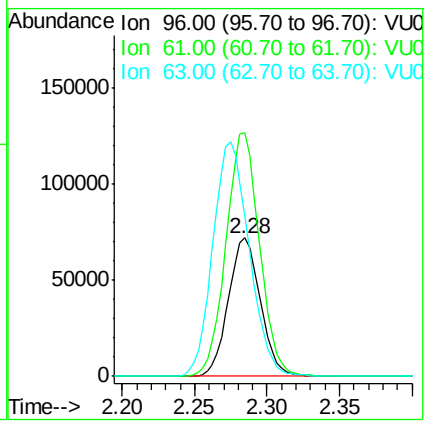


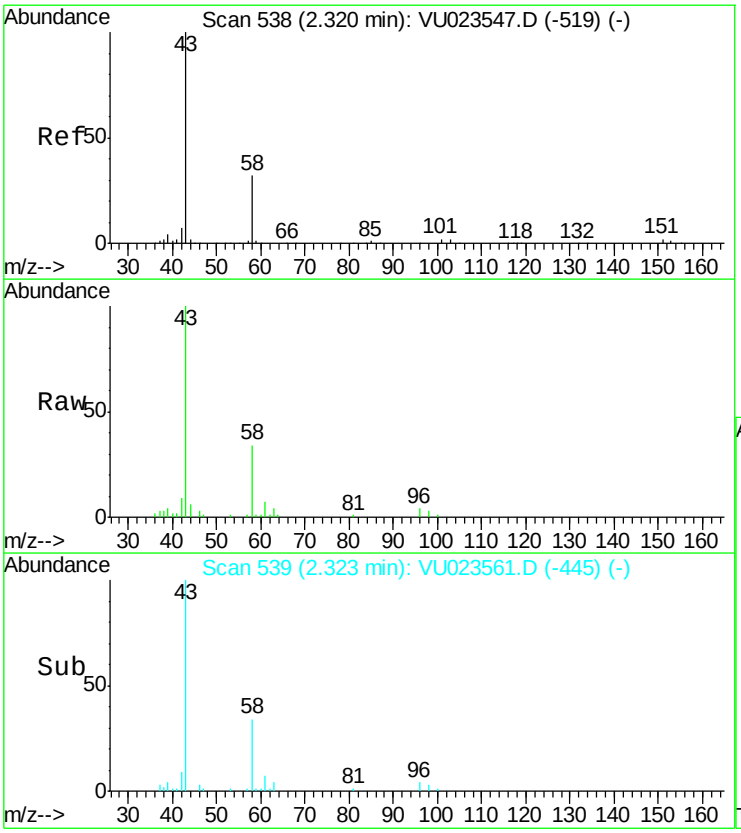


#12
1,1-Dichloroethene
Concen: 43.40 ug/L
RT: 2.28 min Scan# 527
Delta R.T. -0.00 min
Lab File: VU023561.D
Acq: 01 May 2018 18:30

Tgt Ion: 96 Resp: 110105

Ion	Ratio	Lower	Upper
96	100		
61	176.2	125.9	233.7
63	115.9	84.8	157.6

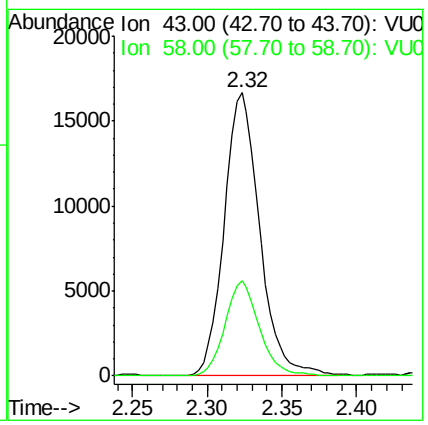


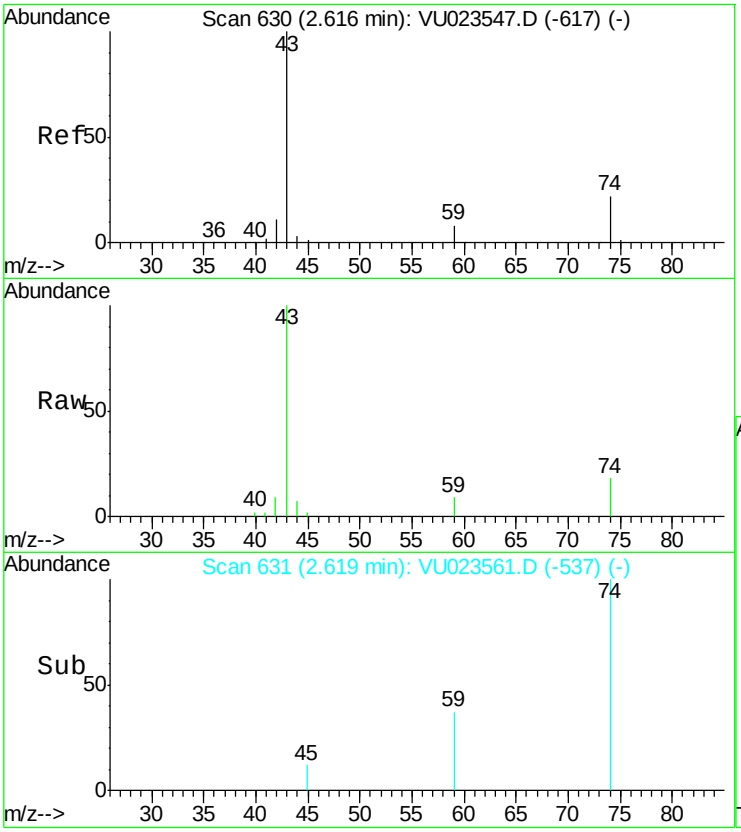


#13
Acetone
Concen: 10.94 ug/L
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU023561.D
Acq: 01 May 2018 18:30

Tgt Ion: 43 Resp: 27661

Ion	Ratio	Lower	Upper
43	100		
58	32.3	0.0	64.8

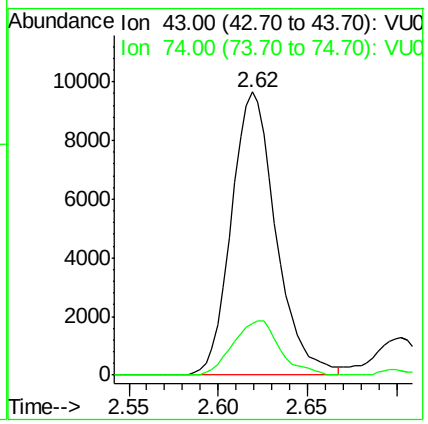


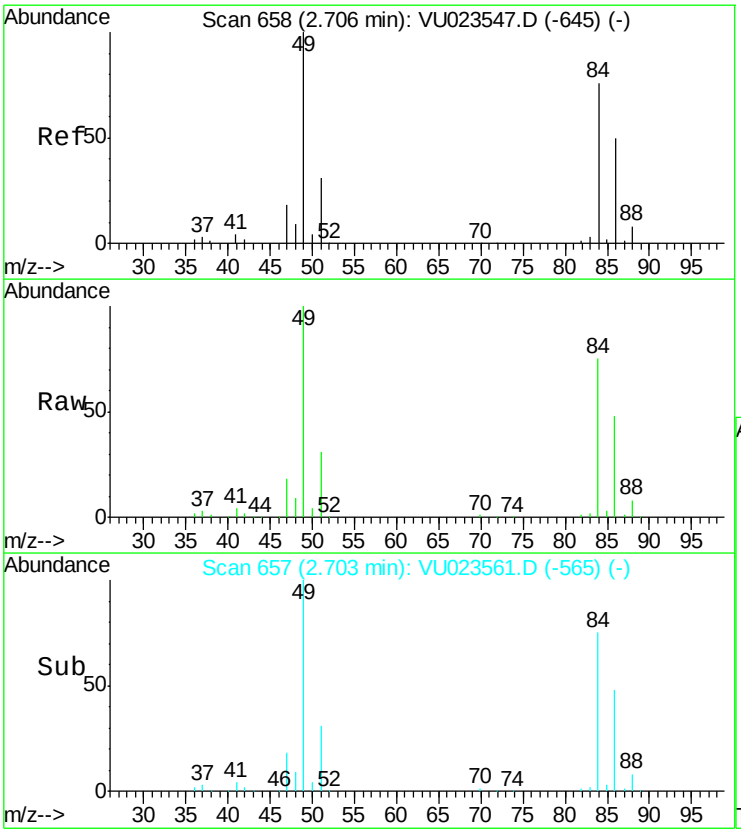


#15
Methyl Acetate
Concen: 5.02 ug/L
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU023561.D
Acq: 01 May 2018 18:30

Tgt Ion: 43 Resp: 16834

Ion	Ratio	Lower	Upper
43	100		
74	20.1	17.5	26.3

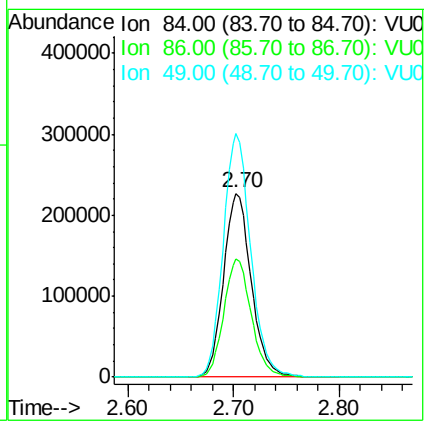


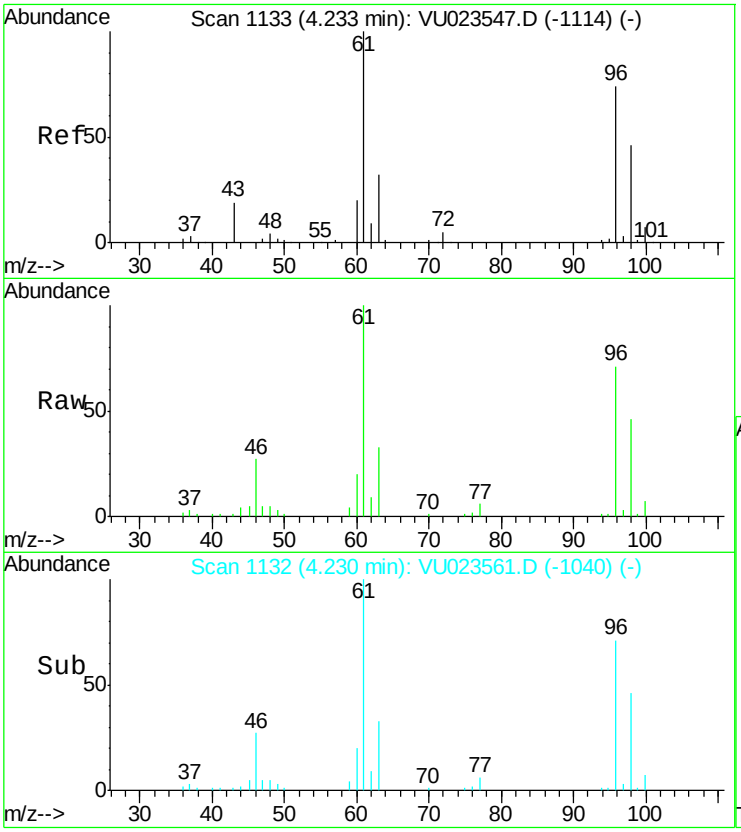


#16
Methylene chloride
Concen: 129.89 ug/L
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU023561.D
Acq: 01 May 2018 18:30

Tgt Ion: 84 Resp: 411341

Ion	Ratio	Lower	Upper
84	100		
86	64.3	45.6	84.8
49	132.5	91.9	170.7

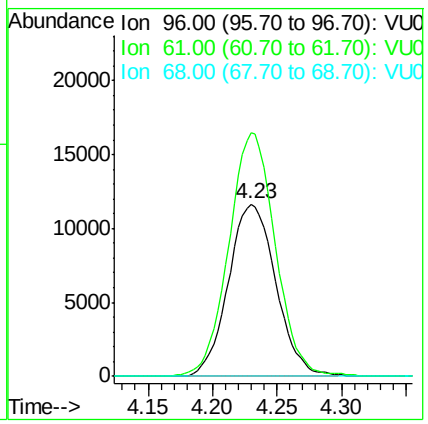


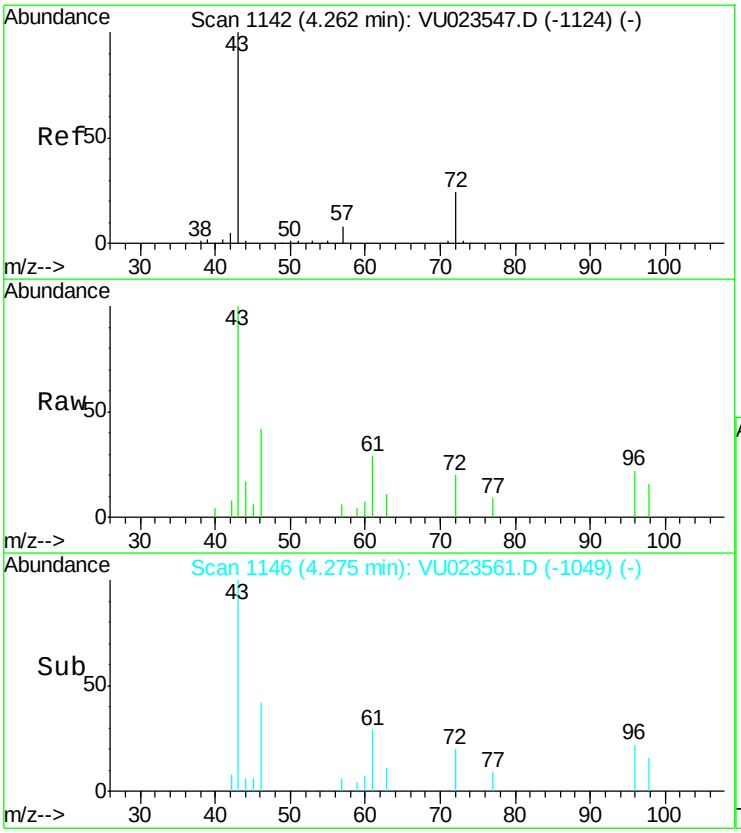


#20
cis-1,2-Dichloroethene
Concen: 9.67 ug/L
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU023561.D
Acq: 01 May 2018 18:30

Tgt Ion: 96 Resp: 29806

Ion	Ratio	Lower	Upper
96	100		
61	141.5	95.3	177.1
68	0.0	0.0	0.0

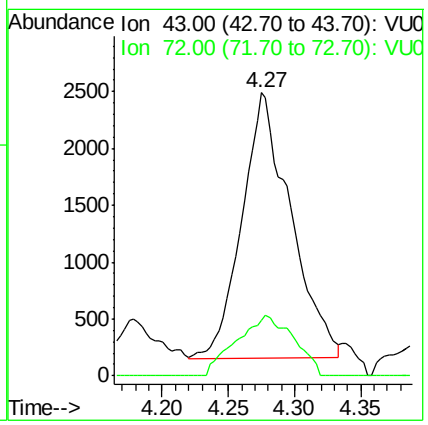


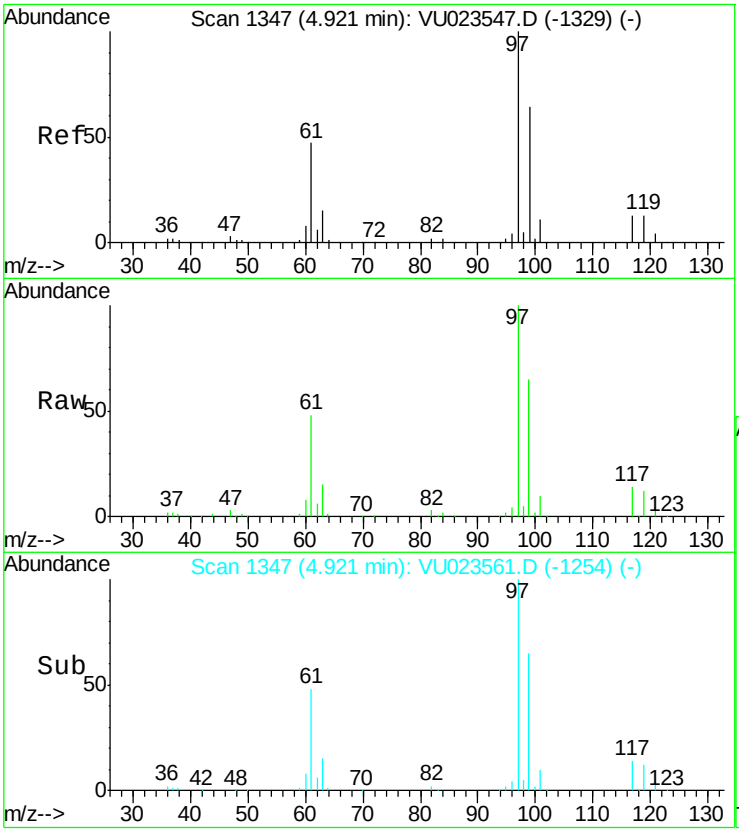


#22
2-Butanone
Concen: 2.13 ug/L
RT: 4.27 min Scan# 1146
Delta R.T. 0.01 min
Lab File: VU023561.D
Acq: 01 May 2018 18:30

Tgt Ion: 43 Resp: 5986

Ion	Ratio	Lower	Upper
43	100		
72	18.8	12.3	36.8

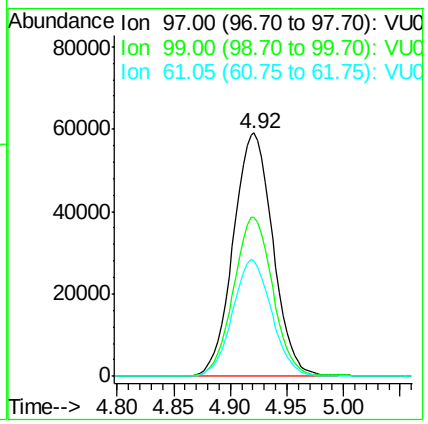


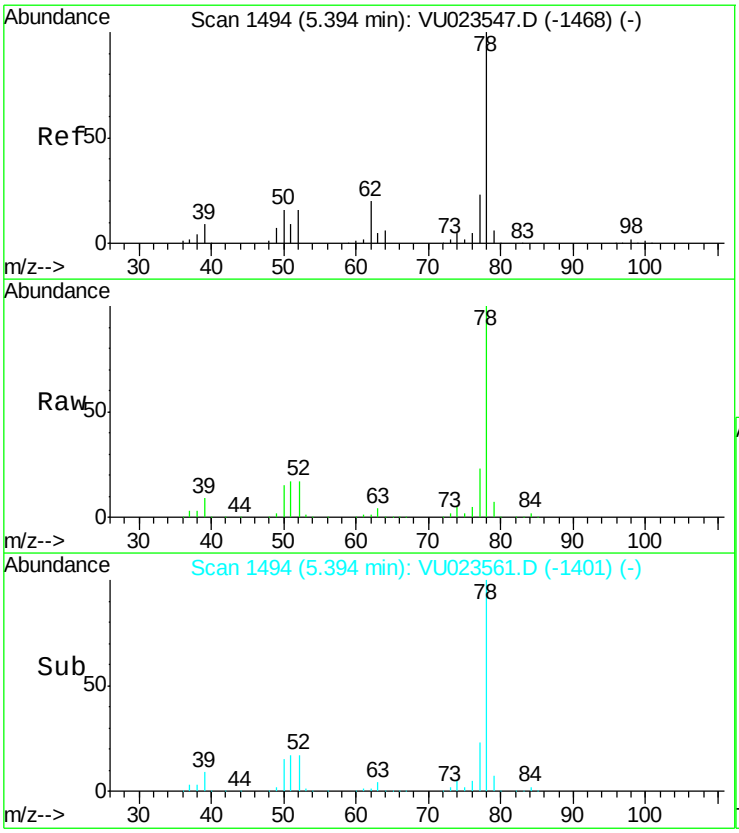


#30
1,1,1-Trichloroethane
Concen: 34.97 ug/L
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU023561.D
Acq: 01 May 2018 18:30

Tgt Ion: 97 Resp: 144056

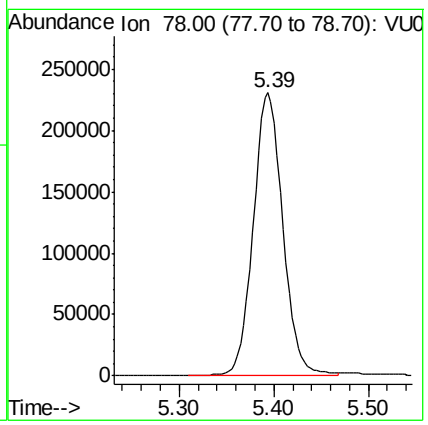
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.6
61	47.3	37.7	56.5

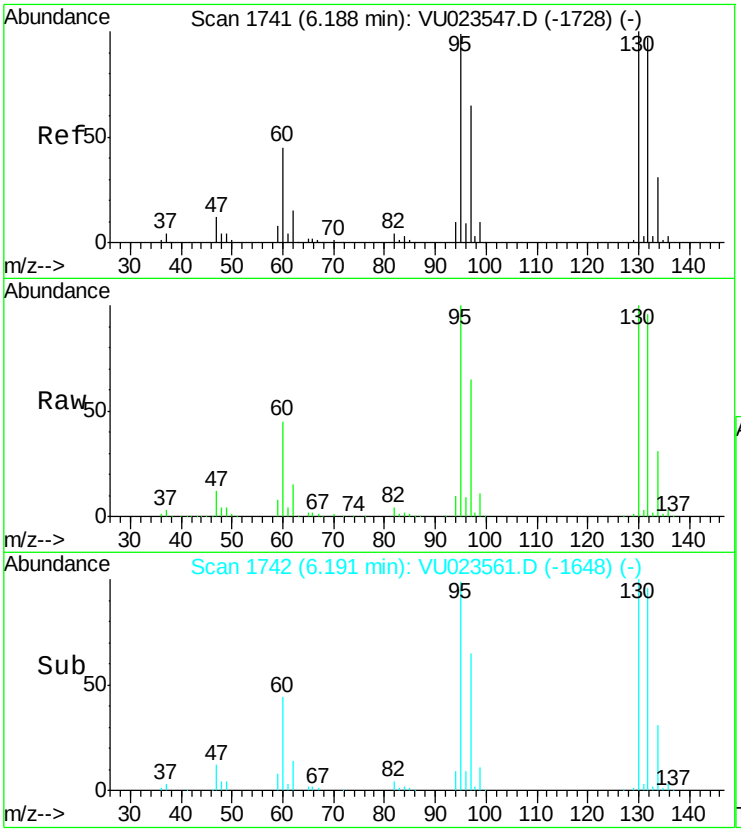




#33
Benzene
Concen: 43.68 ug/L
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU023561.D
Acq: 01 May 2018 18:30

Tgt Ion: 78 Resp: 500521

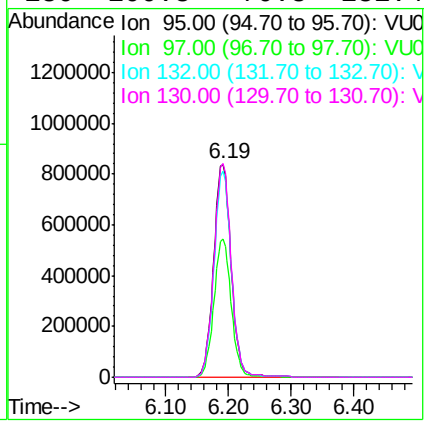


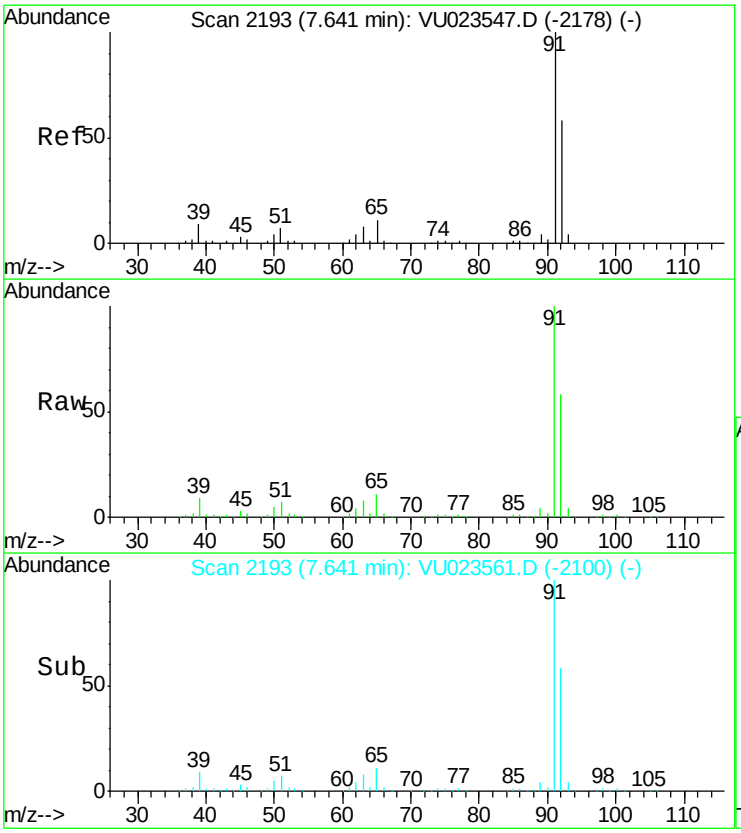


#34
Trichloroethene
Concen: 555.37 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU023561.D
Acq: 01 May 2018 18:30

Tgt Ion: 95 Resp: 1630665

Ion	Ratio	Lower	Upper
95	100		
97	64.7	46.3	85.9
132	96.5	68.5	127.1
130	100.3	70.8	131.4

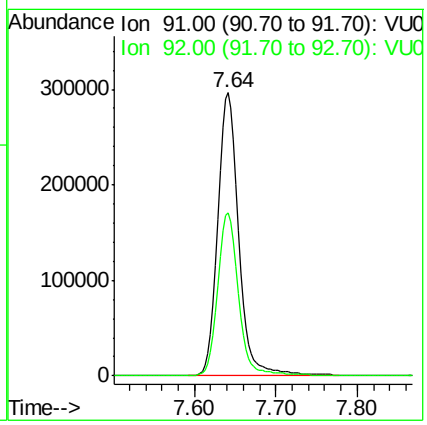


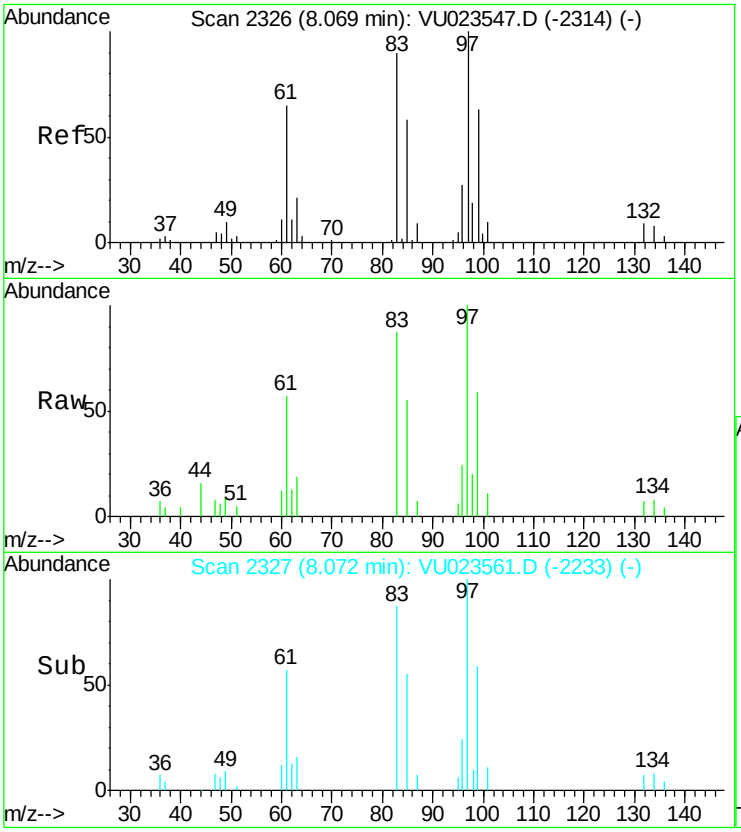


#42
Toluene
Concen: 45.72 ug/L
RT: 7.64 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU023561.D
Acq: 01 May 2018 18:30

Tgt Ion: 91 Resp: 543009

Ion	Ratio	Lower	Upper
91	100		
92	57.8	40.3	74.9

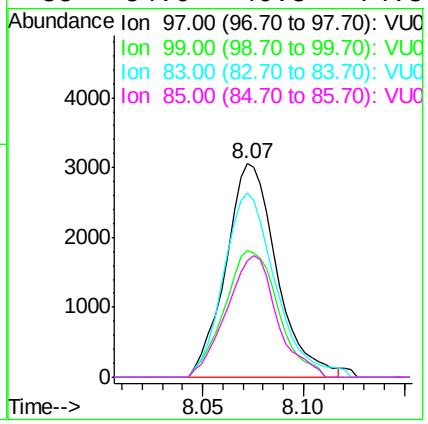


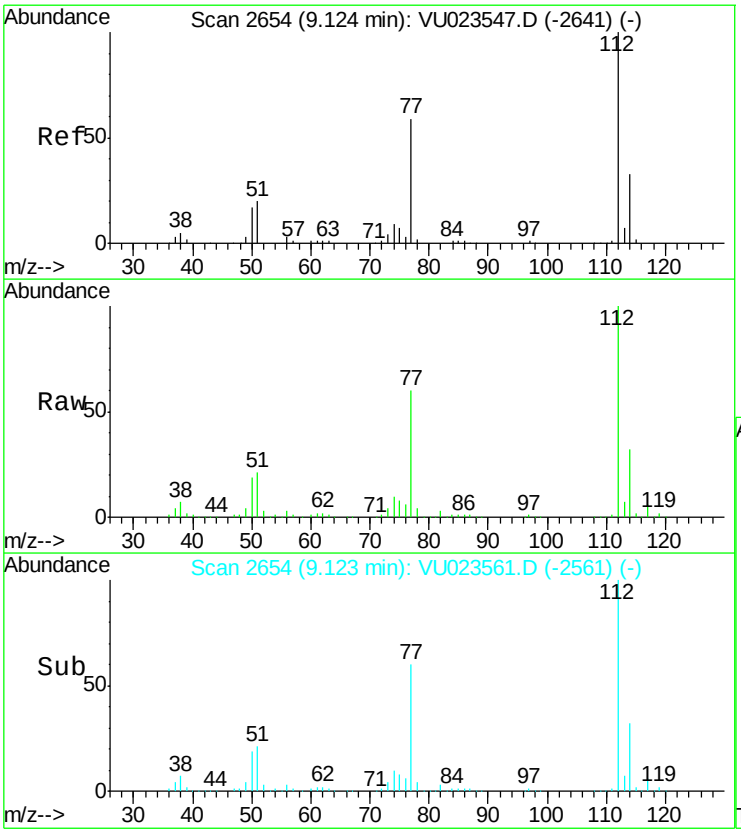


#45
1,1,2-Trichloroethane
Concen: 1.93 ug/L
RT: 8.07 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VU023561.D
Acq: 01 May 2018 18:30

Tgt Ion: 97 Resp: 5385

Ion	Ratio	Lower	Upper
97	100		
99	59.3	44.2	82.2
83	86.6	63.1	117.1
85	54.6	40.3	74.8

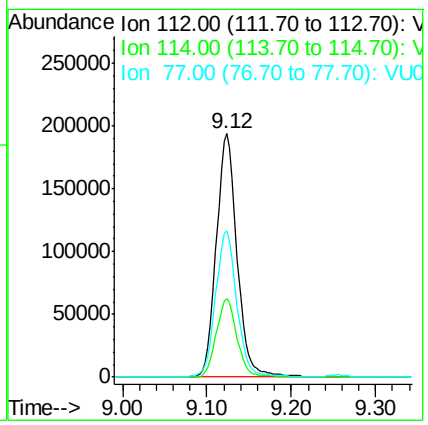


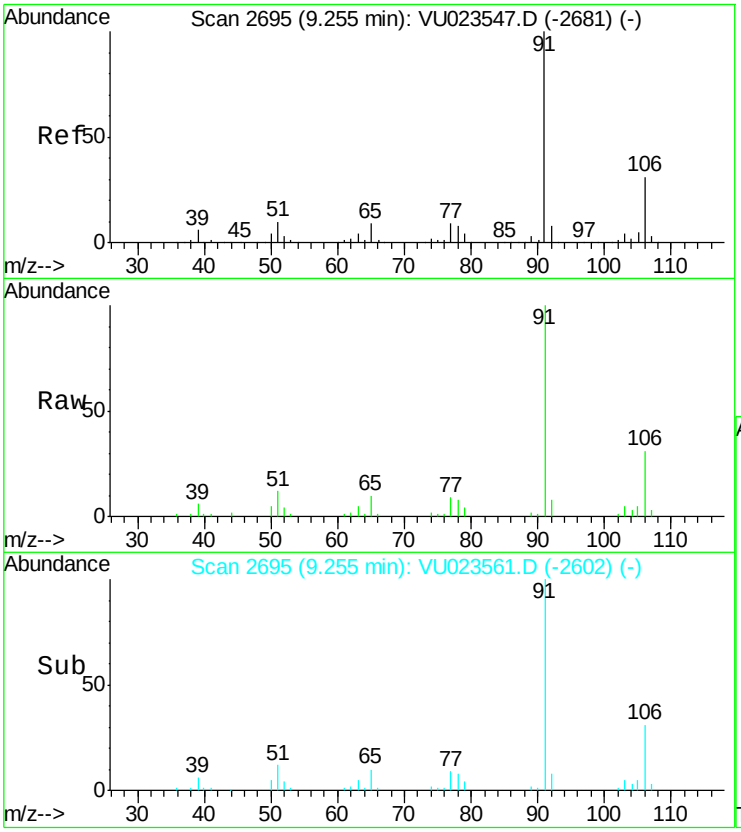


#51
Chlorobenzene
Concen: 41.93 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU023561.D
Acq: 01 May 2018 18:30

Tgt Ion:112 Resp: 331834

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.7	42.3
77	60.2	47.5	71.3

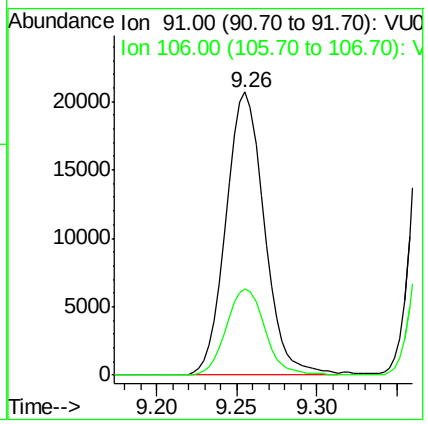


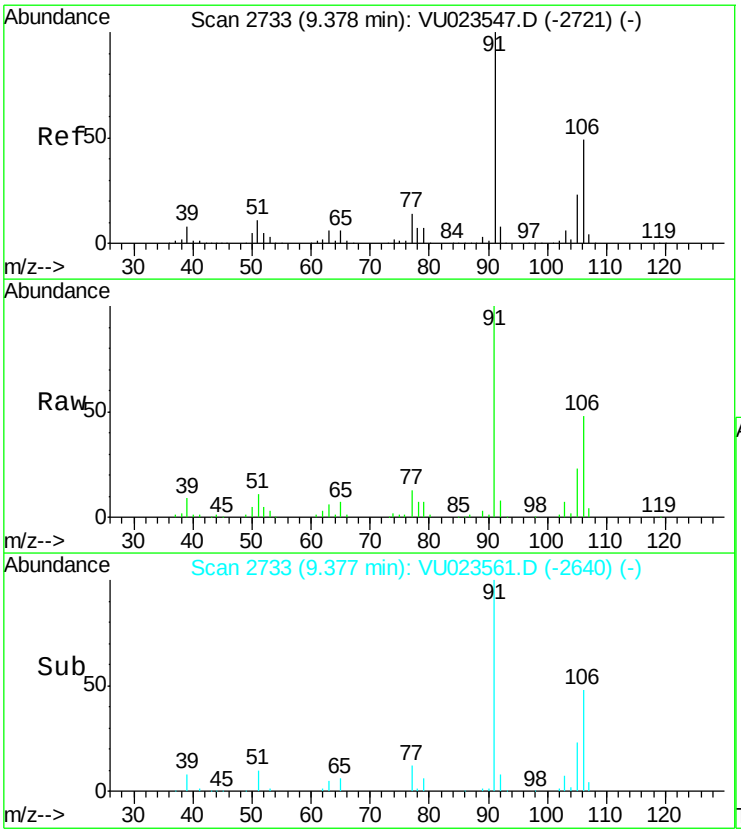


#52
Ethylbenzene
Concen: 2.64 ug/L
RT: 9.26 min Scan# 2695
Delta R.T. -0.00 min
Lab File: VU023561.D
Acq: 01 May 2018 18:30

Tgt Ion: 91 Resp: 33971

Ion	Ratio	Lower	Upper
91	100		
106	30.5	21.6	40.0

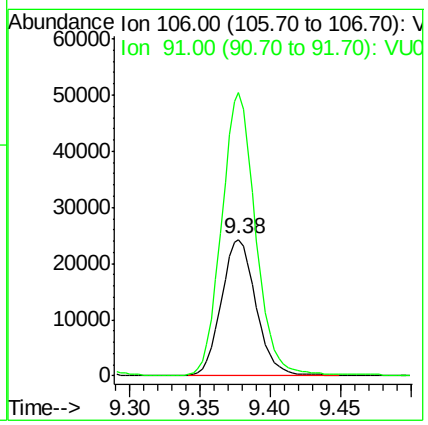


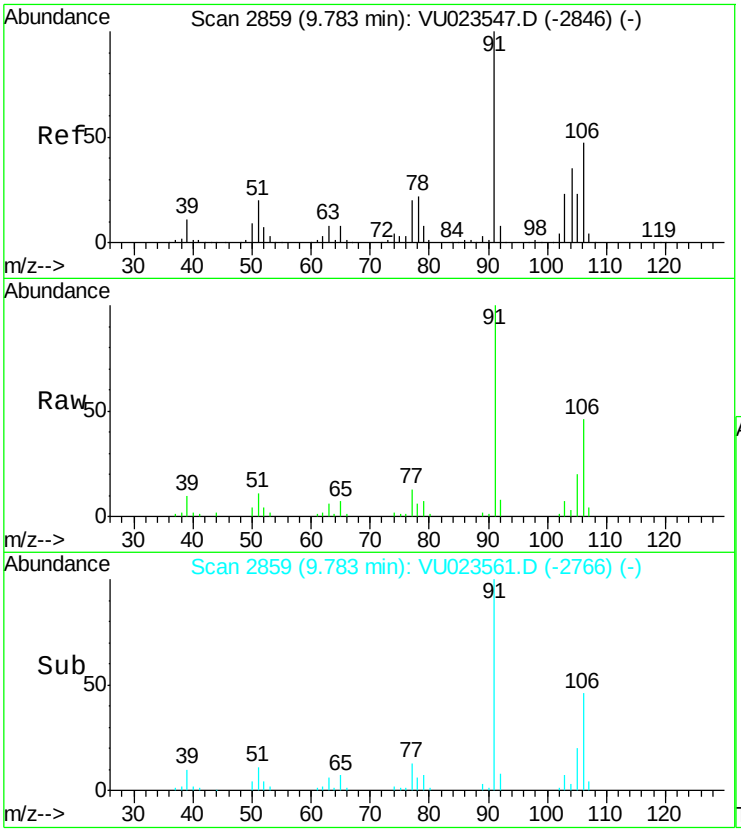


#53
m,p-Xylene
Concen: 8.48 ug/L
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU023561.D
Acq: 01 May 2018 18:30

Tgt Ion:106 Resp: 41648

Ion	Ratio	Lower	Upper
106	100		
91	207.2	144.1	267.5





#54
o-xylene
Concen: 3.71 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU023561.D
Acq: 01 May 2018 18:30

Tgt Ion:106 Resp: 17271

Ion	Ratio	Lower	Upper
106	100		
91	218.5	148.9	276.5