Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072318\
Data File : VU025612.D
Acq On : 23 Jul 2018 19:28
Operator : MD/SY
Sample : J4072-05MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T3MS

Quant Time: Jul 24 02:09:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 24 02:07:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	328097	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	301777	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	164178	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	70331	37.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.10%			
7) Chloroethane-d5	1.68	69	63942	41.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.78%			
11) 1,1-Dichloroethene-d2	2.28	63	162989	41.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.60%			
21) 2-Butanone-d5	4.18	46	170022	117.58	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 117.58%			
24) Chloroform-d	4.65	84	183763	44.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.08%			
26) 1,2-Dichloroethane-d4	5.31	65	129665	46.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.98%			
32) Benzene-d6	5.35	84	361724	46.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.48%			
36) 1,2-Dichloropropane-d6	6.34	67	118160	47.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.76%			
41) Toluene-d8	7.57	98	337301	45.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.88%			
43) trans-1,3-Dichloropropene-	7.85	79	57770	45.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.70%			
47) 2-Hexanone-d5	8.31	63	131832	126.25	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 126.25%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	174109	49.92	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.84%			
64) 1,2-Dichlorobenzene-d4	11.86	152	159905	48.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.12%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.28	96	82249	44.420	ug/L	96
13) Acetone	2.32	43	24419	14.387	ug/L	97
15) Methyl Acetate	2.62	43	5827	2.484	ug/L	99
16) Methylene chloride	2.70	84	5240	2.272	ug/L	96
22) 2-Butanone	4.27	43	8975	4.750	ug/L	75
27) 1,2-Dichloroethane	5.40	62	4372	1.256	ug/L #	77
33) Benzene	5.39	78	404863	46.692	ug/L	100
34) Trichloroethene	6.19	95	107508	46.729	ug/L	96
37) 1,2-Dichloropropane	6.34	63	13277	5.603	ug/L #	88
42) Toluene	7.64	91	444506	47.536	ug/L	99
48) 2-Hexanone	8.31	43	14774	5.619	ug/L #	67
51) Chlorobenzene	9.12	112	302625	48.072	ug/L	98
52) Ethylbenzene	9.25	91	25216	2.443	ug/L	99
54) o-xylene	9.78	106	6929	1.727	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.70	75	2729	3.189	ug/L #	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072318\
Data File : VU025612.D
Acq On : 23 Jul 2018 19:28
Operator : MD/SY
Sample : J4072-05MS
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T3MS

Quant Time: Jul 24 02:09:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 24 02:07:37 2018
Response via : Initial Calibration

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

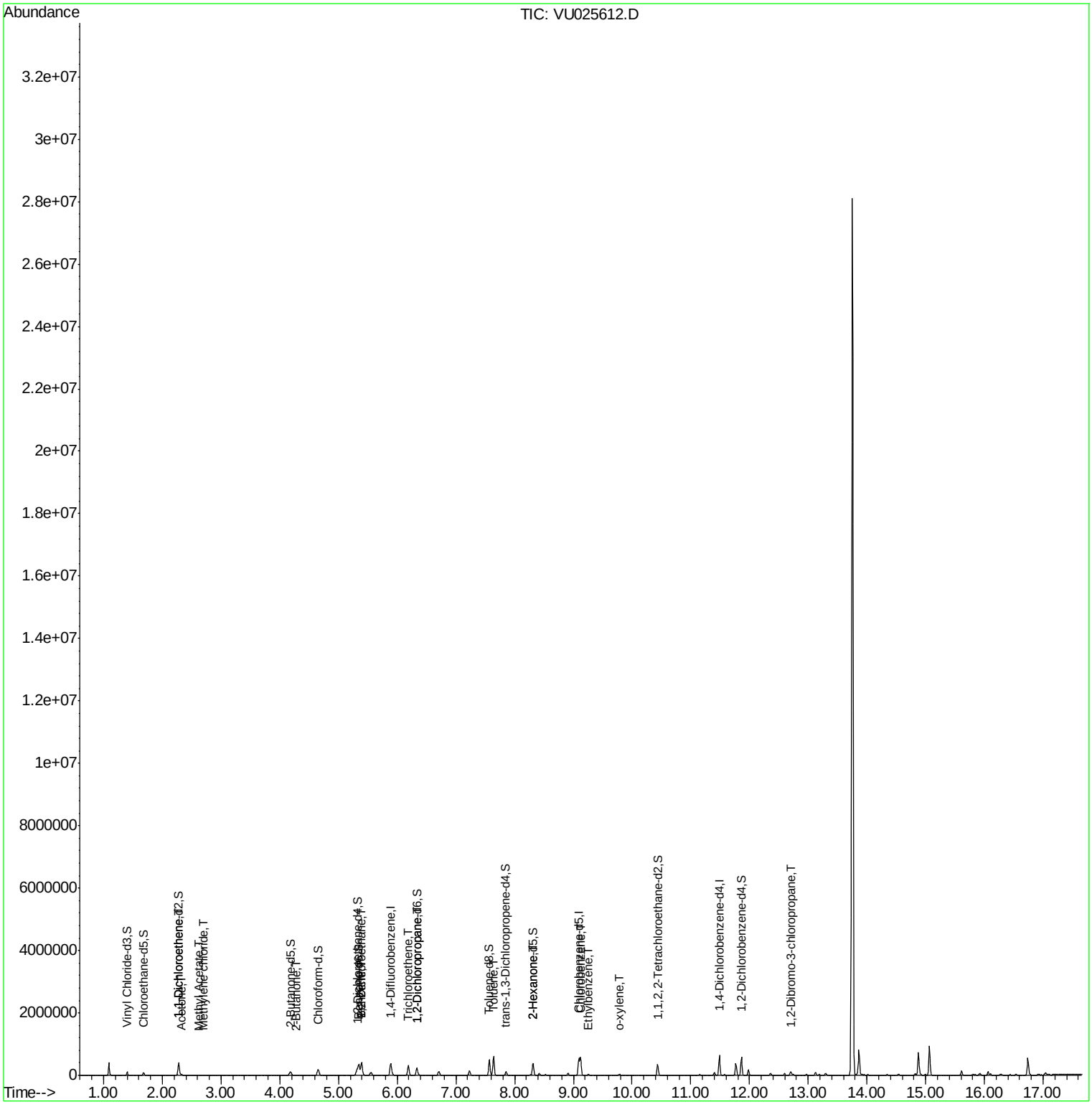
(#) = qualifier out of range (m) = manual integration (+) = signals summed

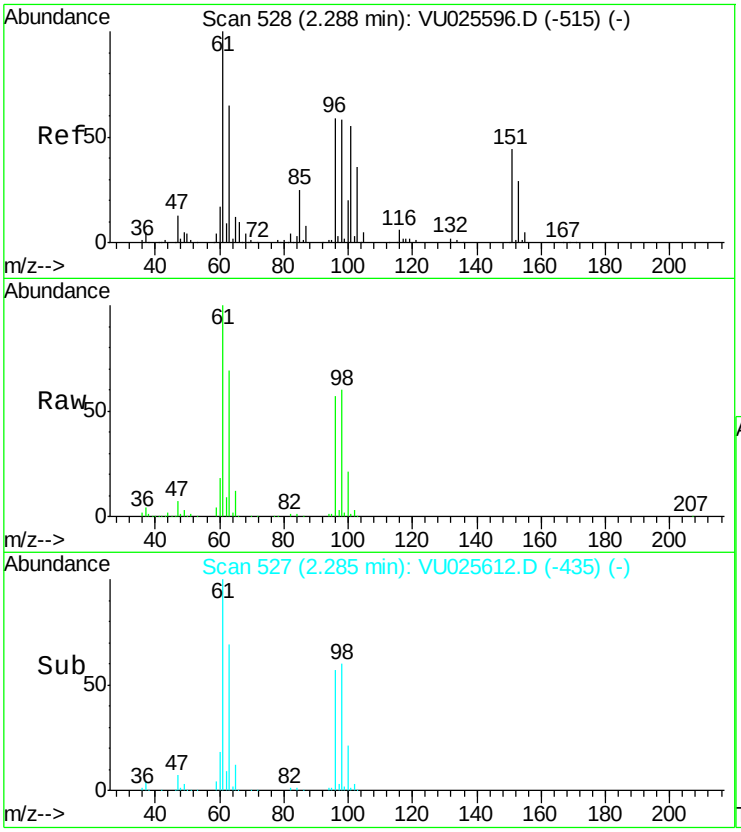
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072318\
Data File : VU025612.D
Acq On : 23 Jul 2018 19:28
Operator : MD/SY
Sample : J4072-05MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JJ1T3MS

Quant Time: Jul 24 02:09:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 24 02:07:37 2018
Response via : Initial Calibration



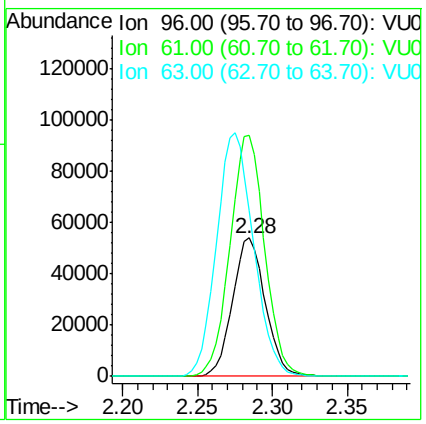


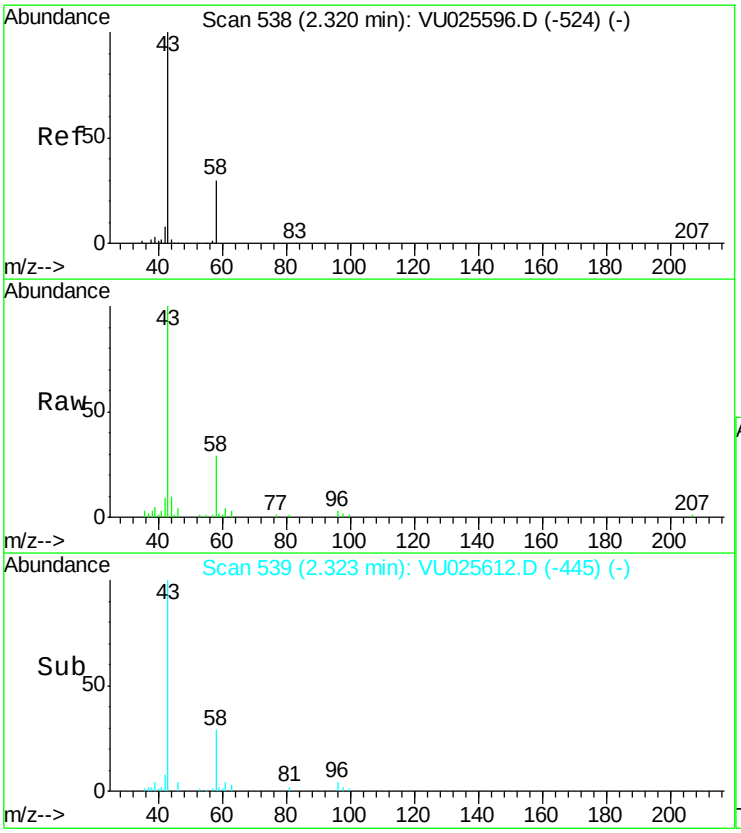
#12
1,1-Dichloroethene
Concen: 44.420 ug/L
RT: 2.28 min Scan# 527
Delta R.T. -0.00 min
Lab File: VU025612.D
Acq: 23 Jul 2018 19:28

Instrument :
MSVOA_U
ClientSampleId :
JJ1T3MS

Tgt Ion: 96 Resp: 82249

Ion	Ratio	Lower	Upper
96	100		
61	174.1	122.5	227.5
63	119.7	90.9	168.9

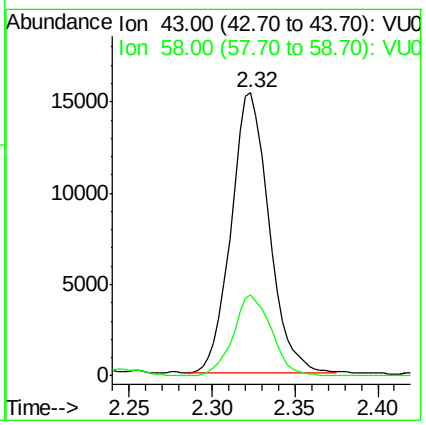


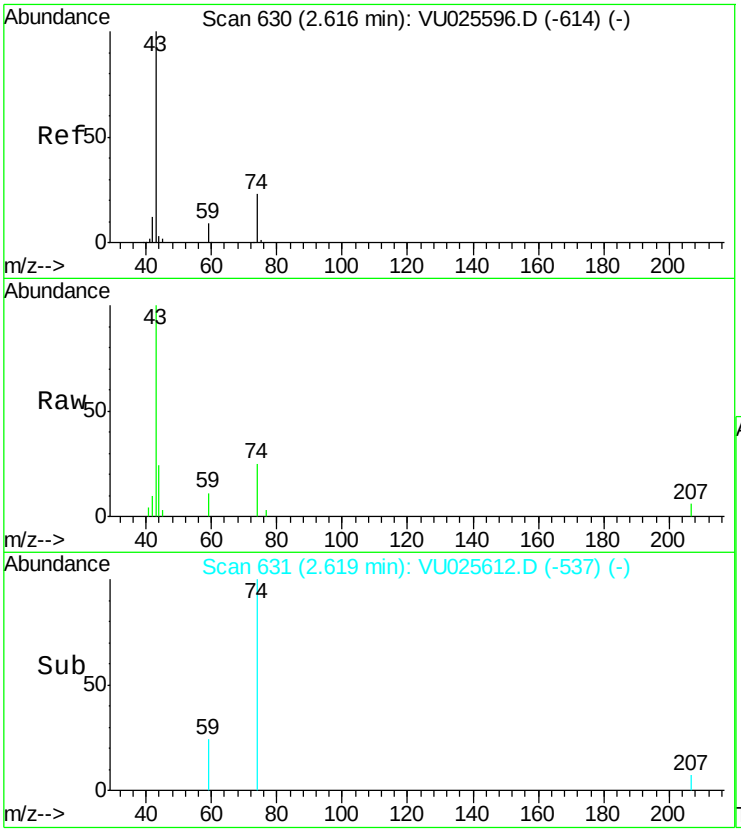


#13
Acetone
Concen: 14.387 ug/L
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU025612.D
Acq: 23 Jul 2018 19:28

Tgt Ion: 43 Resp: 24419

Ion	Ratio	Lower	Upper
43	100		
58	29.2	0.0	61.2



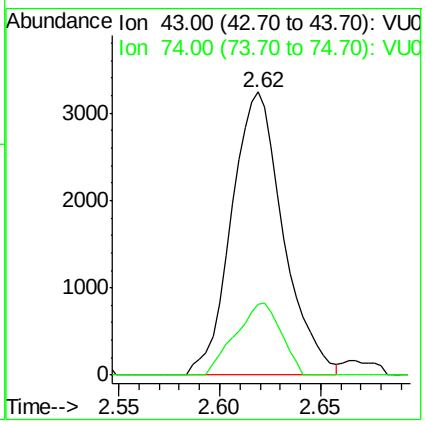


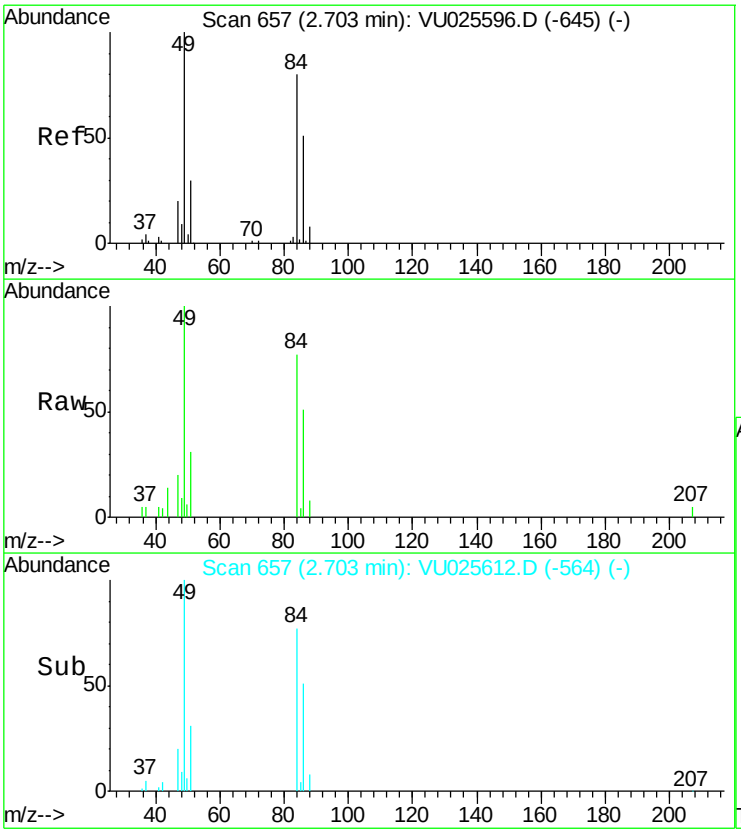
#15
Methyl Acetate
Concen: 2.484 ug/L
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025612.D
Acq: 23 Jul 2018 19:28

Instrument : MSVOA_U
ClientSampleId : JJ1T3MS

Tgt Ion: 43 Resp: 5827

Ion	Ratio	Lower	Upper
43	100		
74	22.4	18.3	27.5

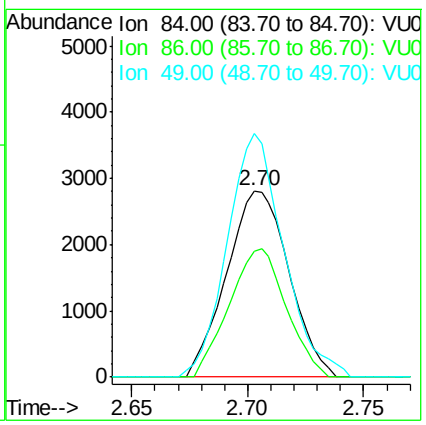


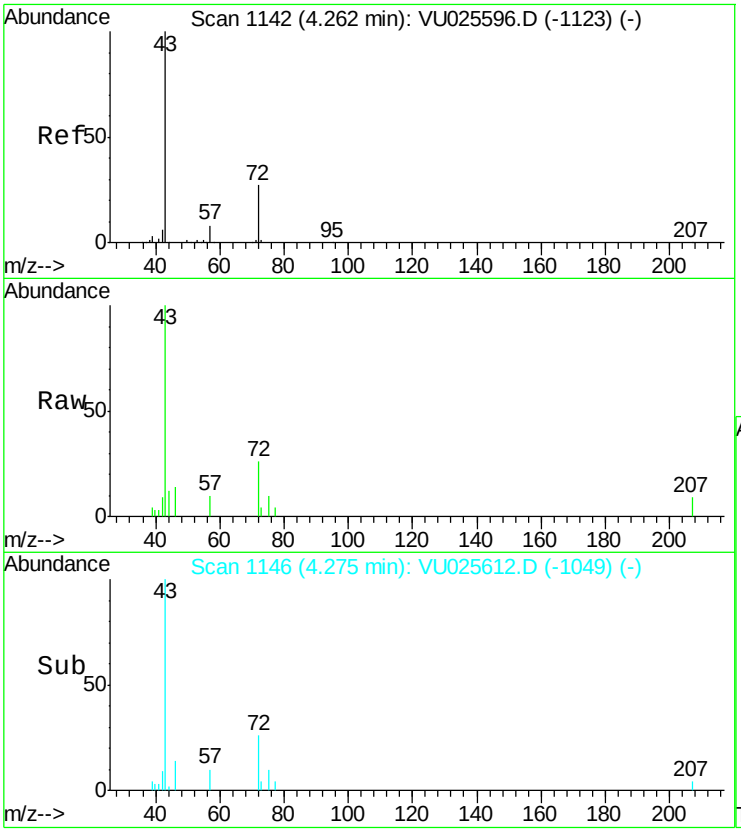


#16
Methylene chloride
Concen: 2.272 ug/L
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025612.D
Acq: 23 Jul 2018 19:28

Tgt Ion: 84 Resp: 5240

Ion	Ratio	Lower	Upper
84	100		
86	67.2	45.6	84.6
49	130.5	87.0	161.6



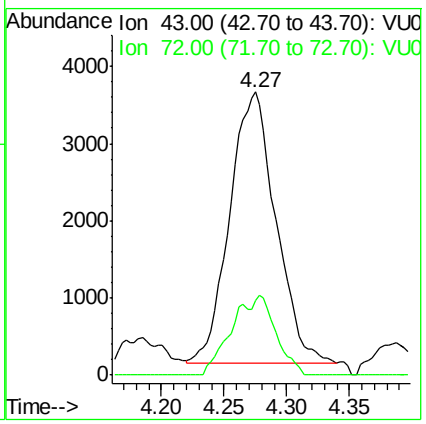


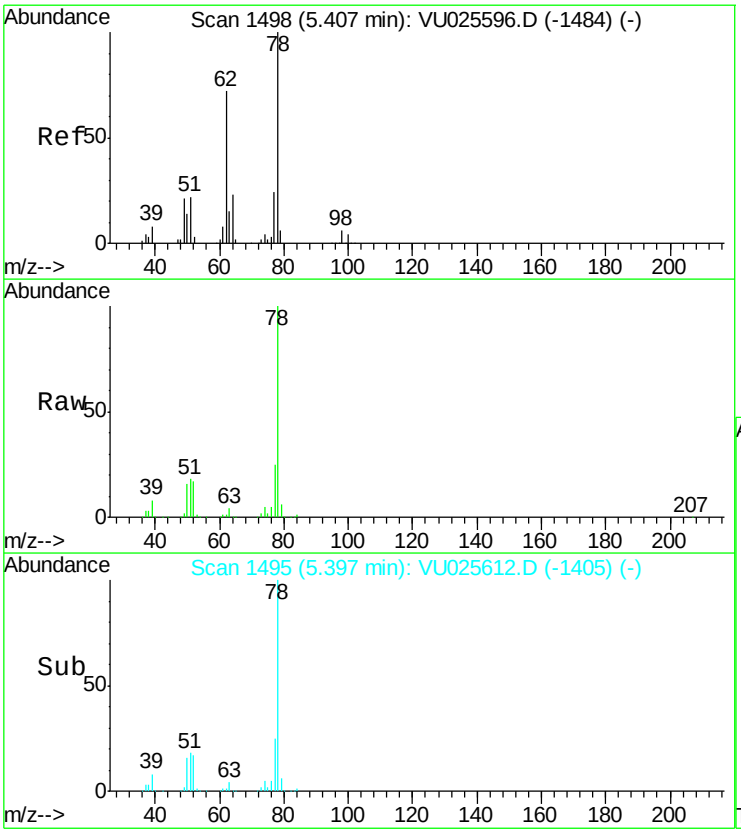
#22
2-Butanone
Concen: 4.750 ug/L
RT: 4.27 min Scan# 1146
Delta R.T. 0.01 min
Lab File: VU025612.D
Acq: 23 Jul 2018 19:28

Instrument : MSVOA_U
ClientSampleId : JJ1T3MS

Tgt Ion: 43 Resp: 8975

Ion	Ratio	Lower	Upper
43	100		
72	14.2	13.6	40.8

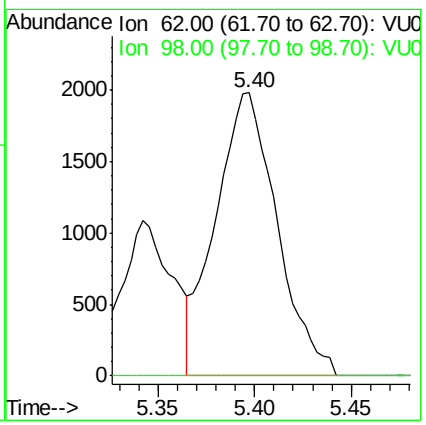


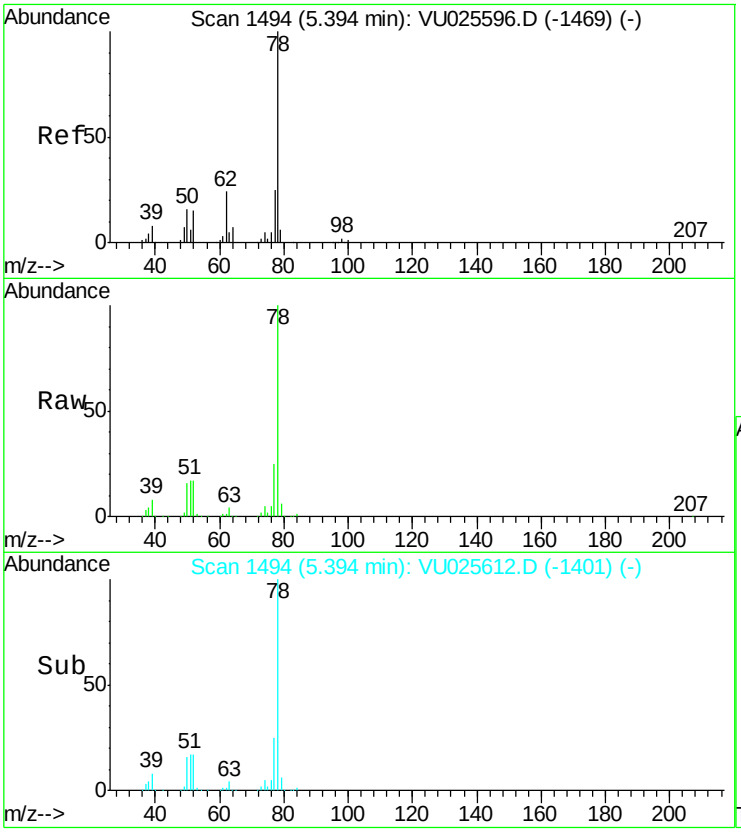


#27
1,2-Dichloroethane
Concen: 1.256 ug/L
RT: 5.40 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VU025612.D
Acq: 23 Jul 2018 19:28

Tgt Ion: 62 Resp: 4372

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.5	9.7#

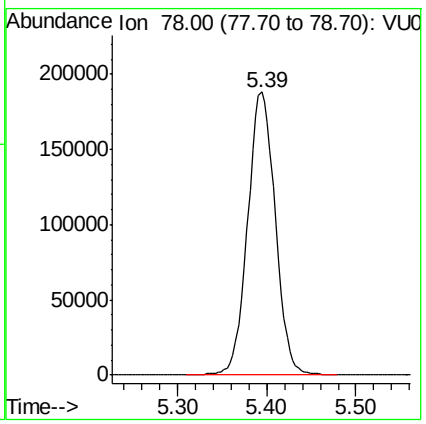


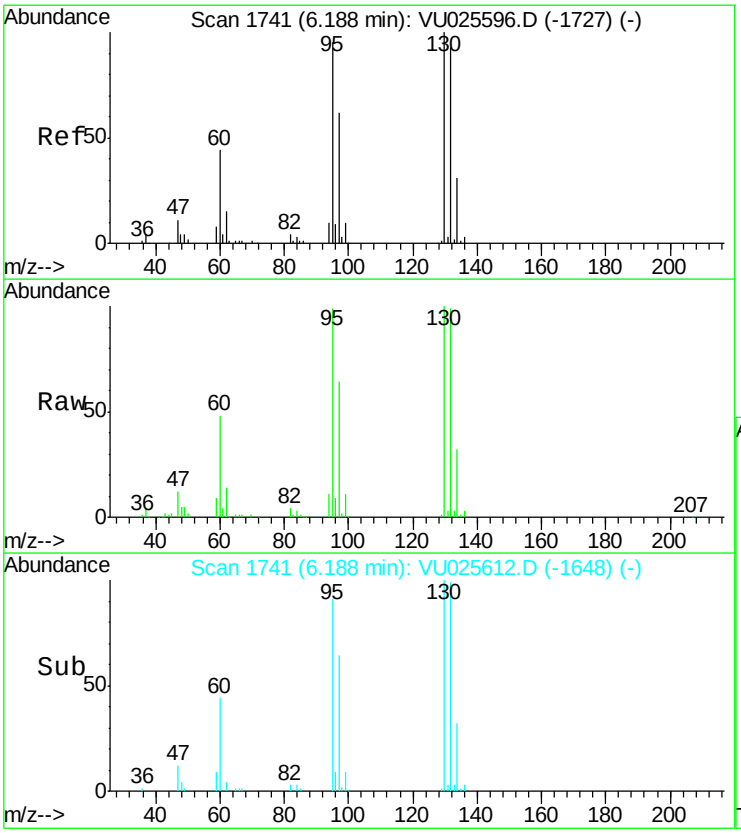


#33
Benzene
Concen: 46.692 ug/L
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025612.D
Acq: 23 Jul 2018 19:28

Instrument :
MSVOA_U
ClientSampleId :
JJ1T3MS

Tgt Ion: 78 Resp: 404863

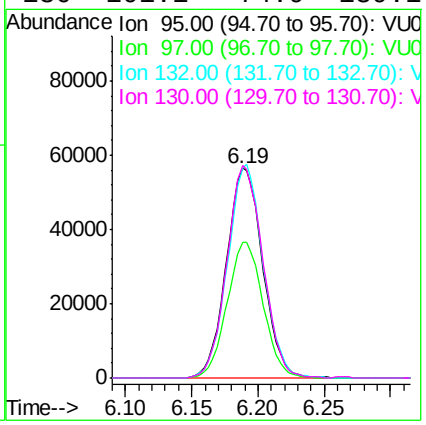


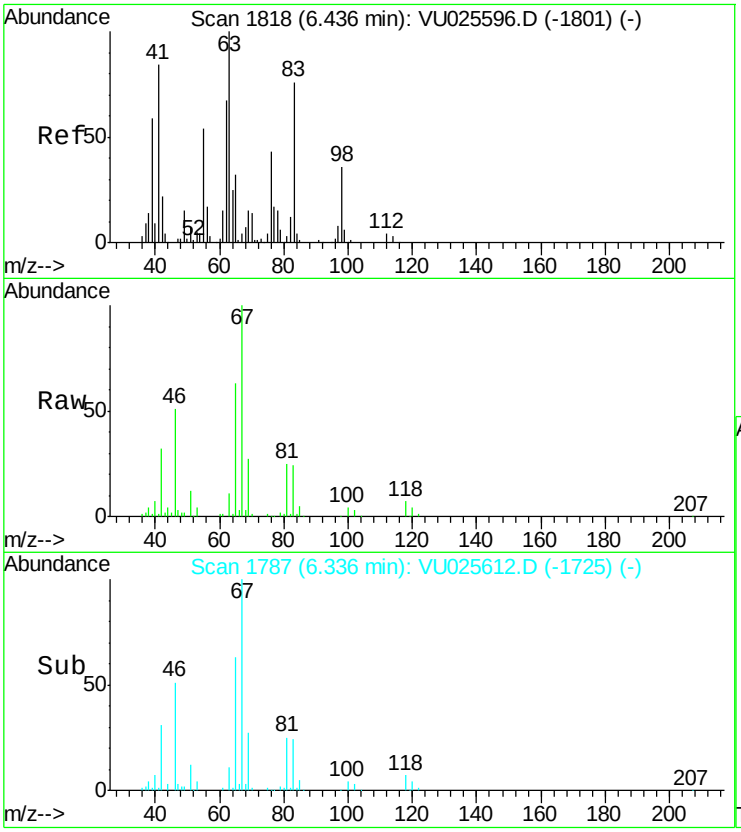


#34
Trichloroethene
Concen: 46.729 ug/L
RT: 6.19 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VU025612.D
Acq: 23 Jul 2018 19:28

Tgt Ion: 95 Resp: 107508

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.9	85.3
132	100.4	72.2	134.2
130	101.1	74.9	139.1



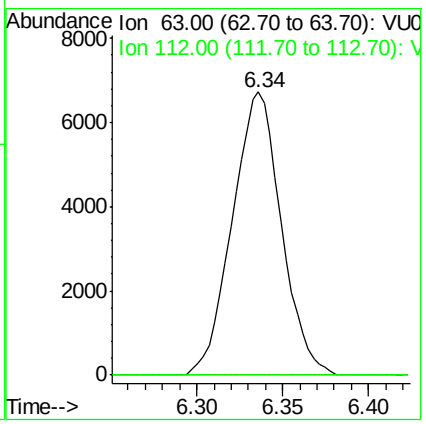


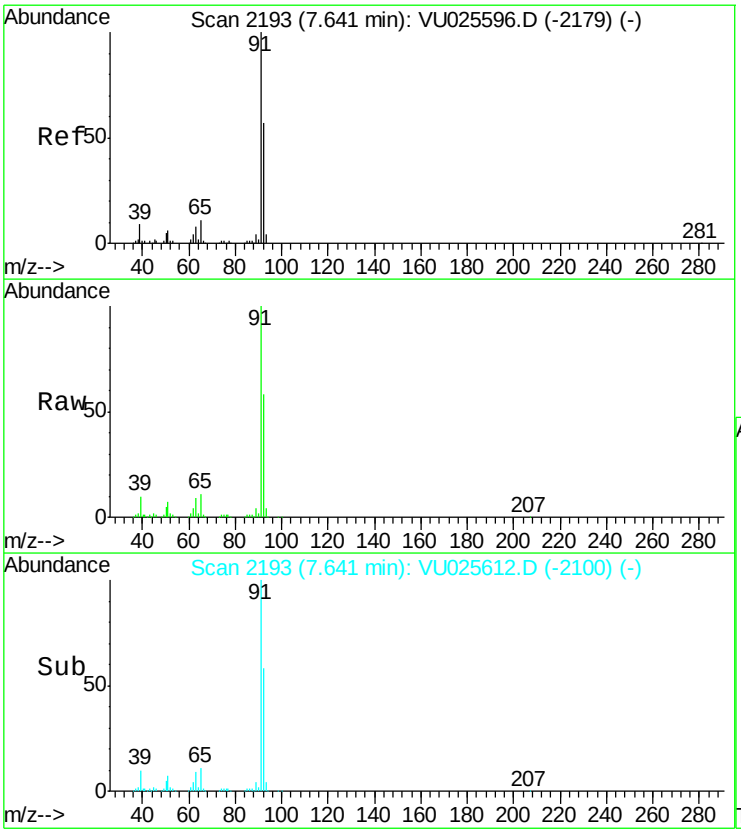
#37
1,2-Dichloropropane
Concen: 5.603 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU025612.D
Acq: 23 Jul 2018 19:28

Instrument : MSVOA_U
ClientSampleId : JJ1T3MS

Tgt Ion: 63 Resp: 13277

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#

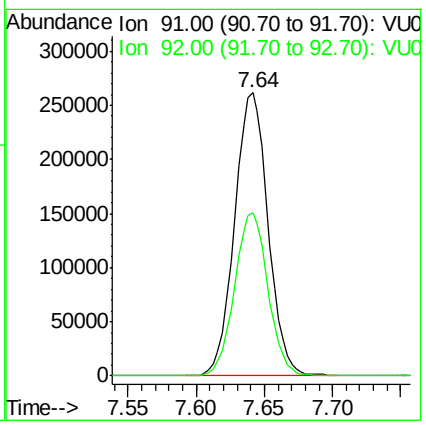


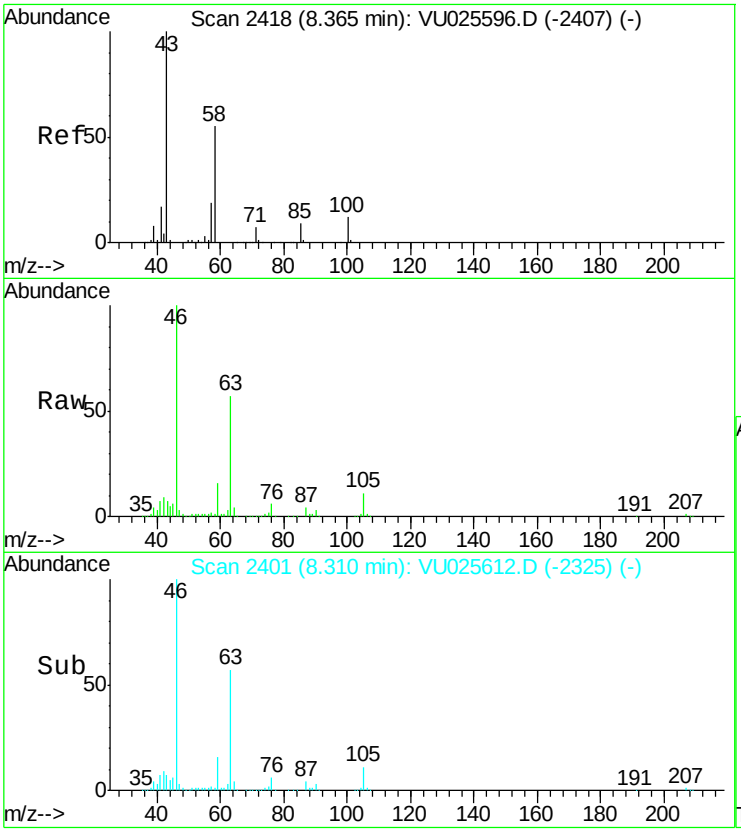


#42
Toluene
Concen: 47.536 ug/L
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU025612.D
Acq: 23 Jul 2018 19:28

Tgt Ion: 91 Resp: 444506

Ion	Ratio	Lower	Upper
91	100		
92	57.6	40.0	74.2



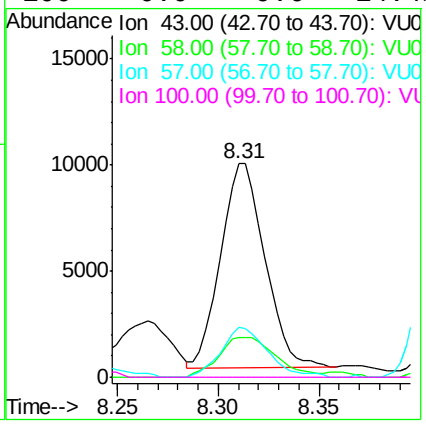


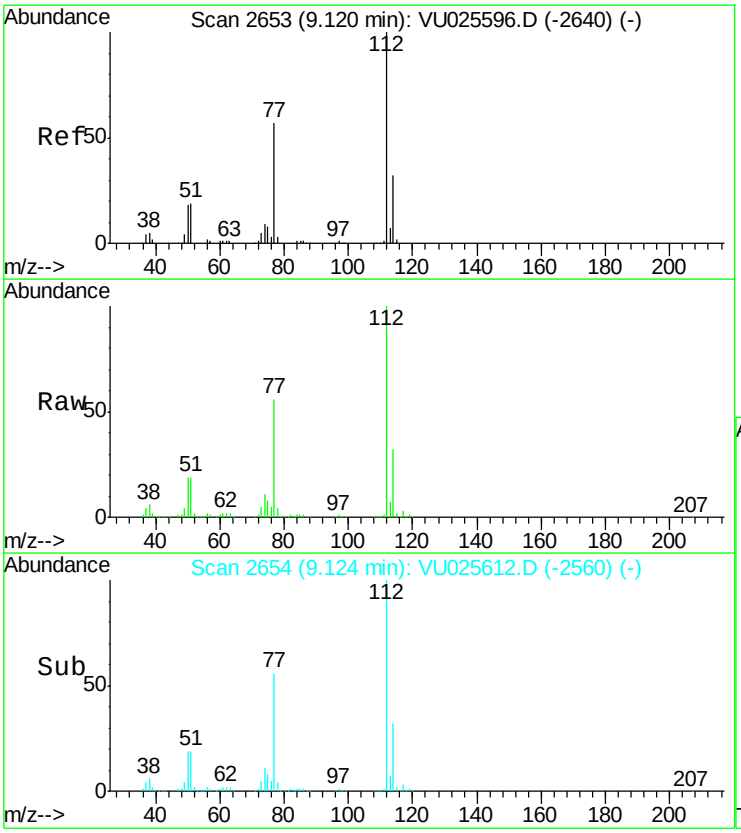
#48
2-Hexanone
Concen: 5.619 ug/L
RT: 8.31 min Scan# 2401
Delta R.T. -0.05 min
Lab File: VU025612.D
Acq: 23 Jul 2018 19:28

Instrument : MSVOA_U
ClientSampleId : JJ1T3MS

Tgt Ion: 43 Resp: 14774

Ion	Ratio	Lower	Upper
43	100		
58	25.0	42.9	64.3#
57	25.7	15.4	23.2#
100	0.0	9.6	14.4#

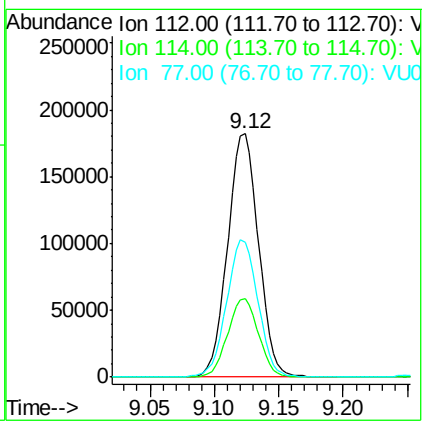


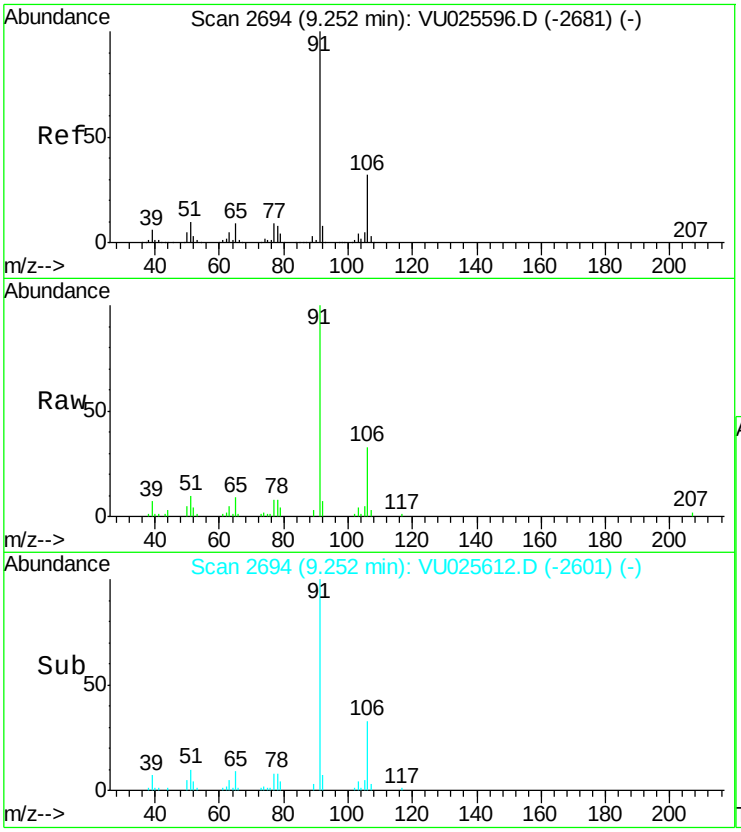


#51
Chlorobenzene
Concen: 48.072 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025612.D
Acq: 23 Jul 2018 19:28

Tgt Ion:112 Resp: 302625

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.5	41.9
77	55.5	45.8	68.8



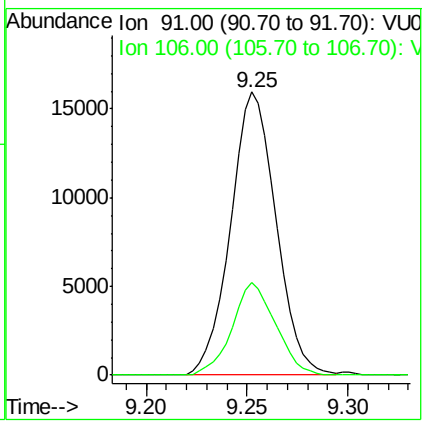


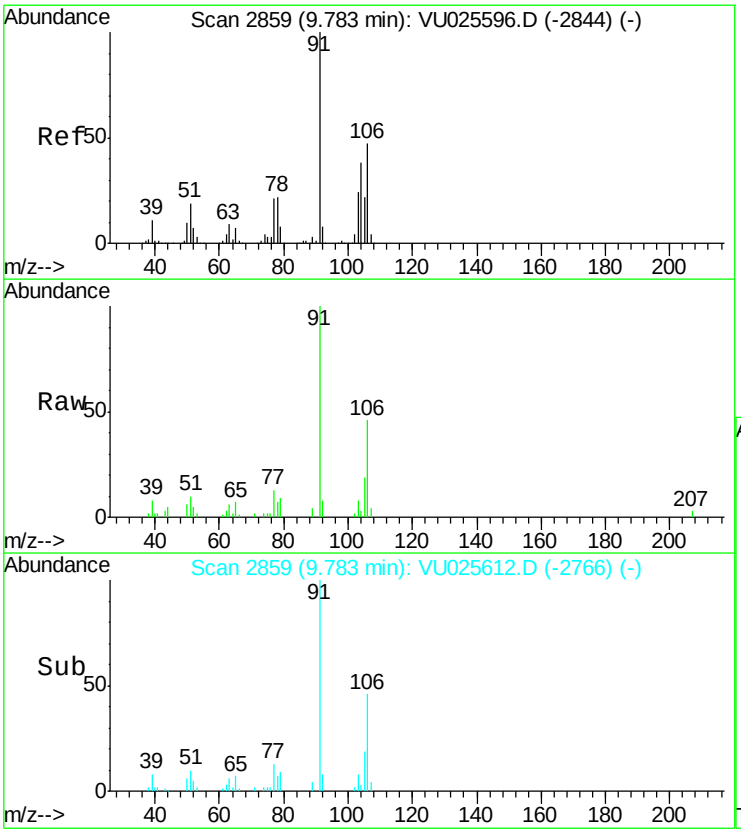
#52
Ethylbenzene
Concen: 2.443 ug/L
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025612.D
Acq: 23 Jul 2018 19:28

Instrument : MSVOA_U
ClientSampleId : JJ1T3MS

Tgt Ion: 91 Resp: 25216

Ion	Ratio	Lower	Upper
91	100		
106	32.5	22.3	41.5

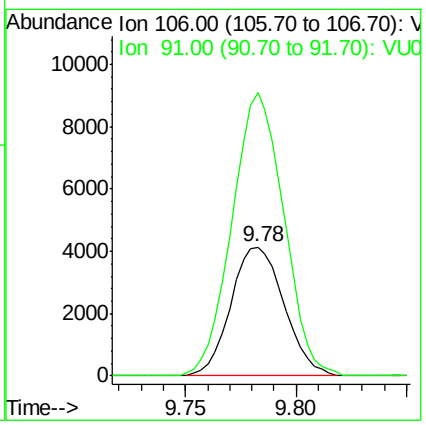


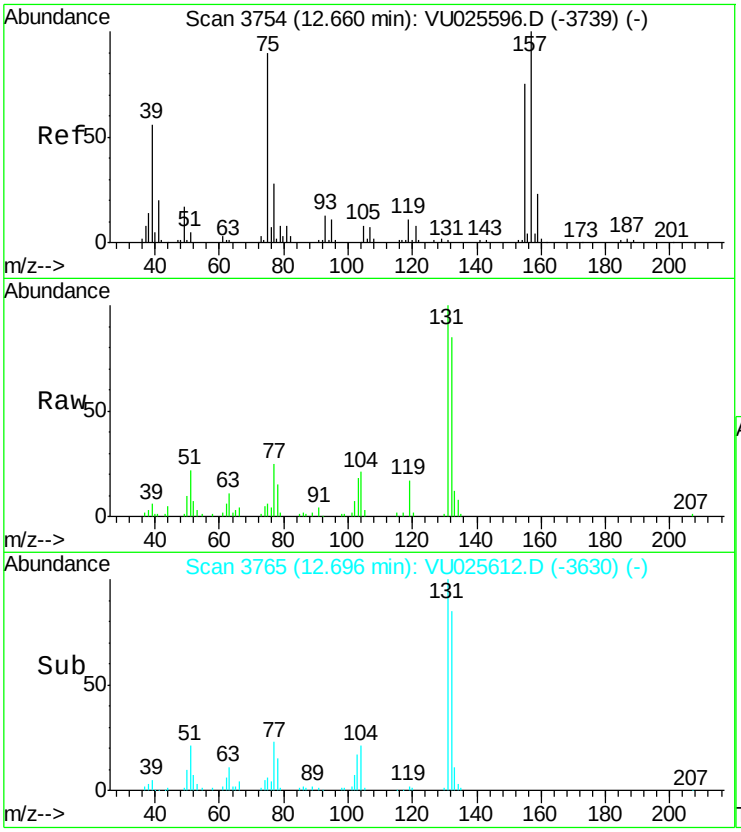


#54
o-xylene
Concen: 1.727 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025612.D
Acq: 23 Jul 2018 19:28

Tgt Ion:106 Resp: 6929

Ion	Ratio	Lower	Upper
106	100		
91	219.4	150.6	279.6





#66
1,2-Dibromo-3-chloropropane
Concen: 3.189 ug/L
RT: 12.70 min Scan# 3765
Delta R.T. 0.04 min
Lab File: VU025612.D
Acq: 23 Jul 2018 19:28

Instrument :
MSVOA_U
ClientSampleId :
JJ1T3MS

Tgt Ion: 75 Resp: 2729

Ion	Ratio	Lower	Upper
75	100		
155	0.0	66.3	99.5#
157	0.0	91.5	137.3#