Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041919\
Data File : VU031315.D
Acq On : 18 Apr 2019 18:31
Operator : JC/SP
Sample : K2451-03MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : YAMX3MS

Quant Time: Apr 19 04:42:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 19 04:38:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	191761	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	188795	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70499	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	94246	4.36	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.20%			
7) Chloroethane-d5	1.68	69	80496	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.60%			
11) 1,1-Dichloroethene-d2	2.27	63	203165	4.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.80%			
20) 2-Butanone-d5	4.21	46	199367	48.24	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.48%			
24) Chloroform-d	4.64	84	133986	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
26) 1,2-Dichloroethane-d4	5.31	65	74887	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%			
32) Benzene-d6	5.34	84	248144	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
36) 1,2-Dichloropropane-d6	6.33	67	83823	5.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.40%			
41) Toluene-d8	7.56	98	210366	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
43) trans-1,3-Dichloropropene-	7.85	79	31064	4.69	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.80%			
46) 2-Hexanone-d5	8.31	63	149364	48.78	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.56%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	65537	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	78429	5.71	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 114.20%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	4244	0.142	ug/L	93
12) 1,1-Dichloroethene	2.28	96	101045	4.910	ug/L	92
13) Acetone	2.34	43	27374	5.953	ug/L	98
15) Methyl Acetate	2.62	43	2889	0.230	ug/L #	67
21) 2-Butanone	4.40	43	50062	10.594	ug/L #	54
27) 1,2-Dichloroethane	5.39	62	2581	0.134	ug/L #	75
33) Benzene	5.38	78	302715	4.724	ug/L	100
34) Trichloroethene	6.18	95	75899	4.382	ug/L	97
35) Methylcyclohexane	6.33	83	19503	0.818	ug/L #	15
37) 1,2-Dichloropropane	6.33	63	9002	0.533	ug/L #	87
42) Toluene	7.63	91	302015	4.674	ug/L	98
44) trans-1,3-Dichloropropene	7.86	75	1657	0.089	ug/L	88
51) Chlorobenzene	9.12	112	196481	4.857	ug/L	99

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

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Instrument :
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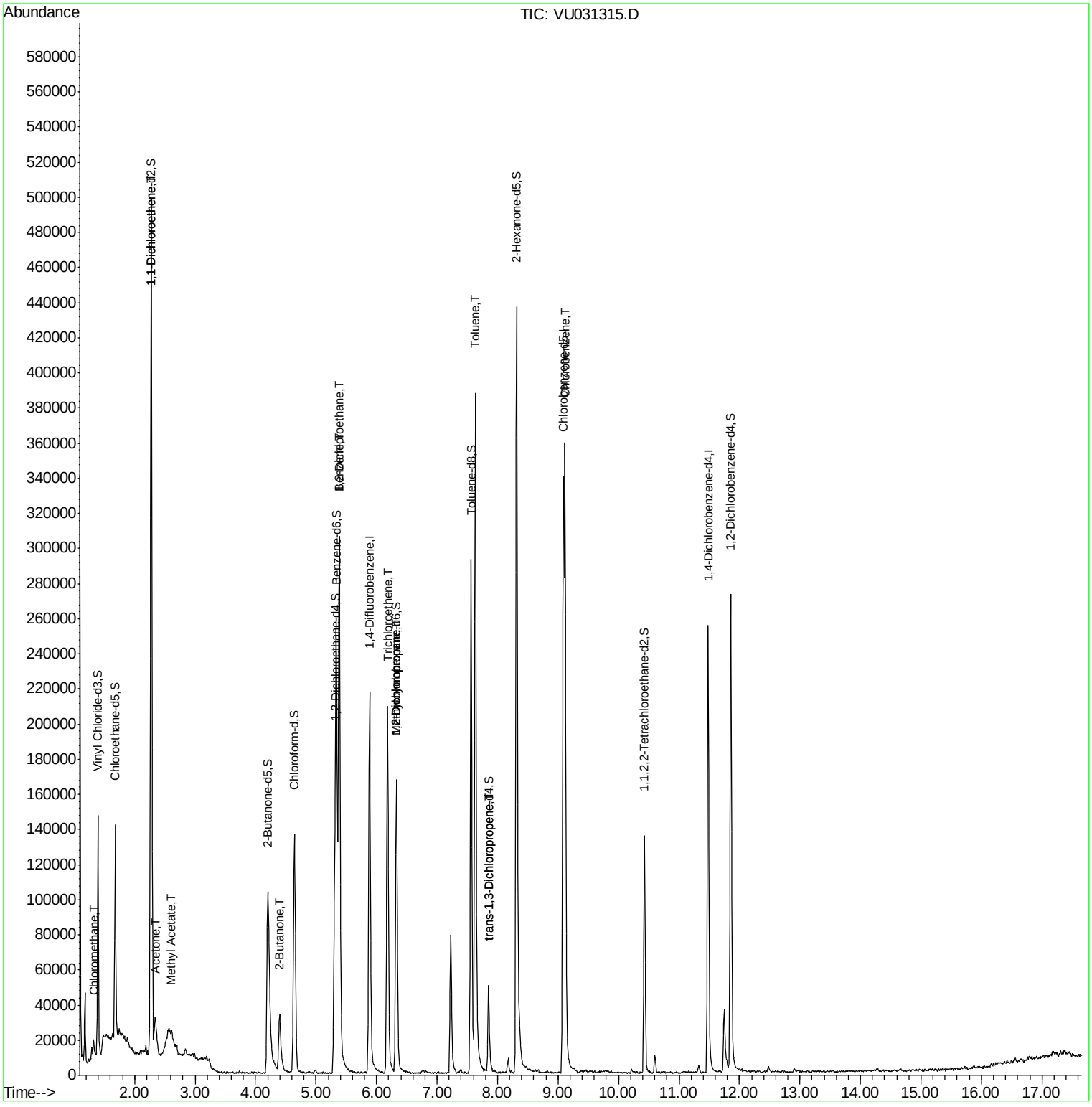
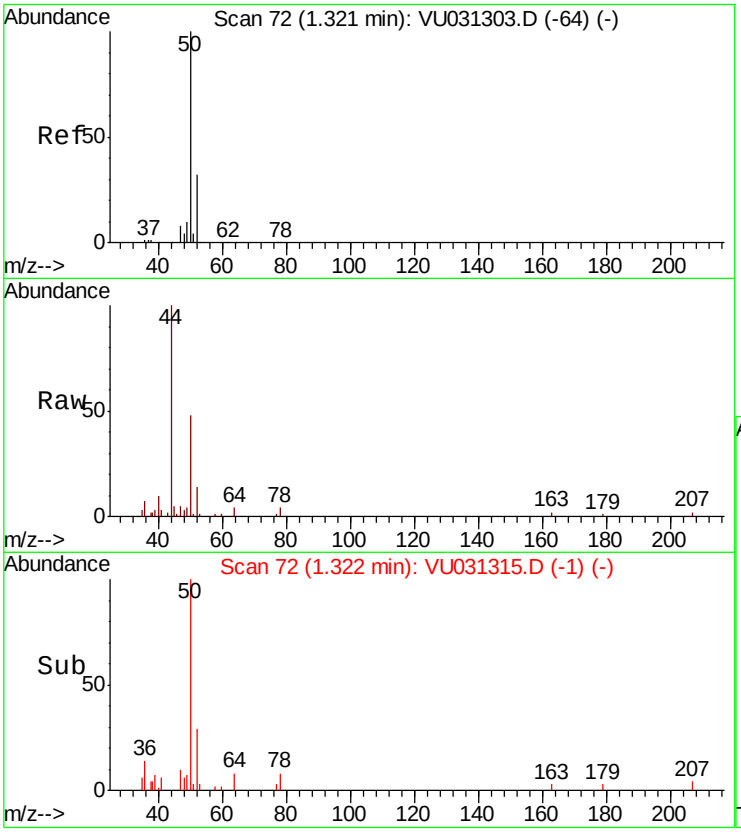
ClientSampleId :
YAMX3MS

Quant Time: Apr 19 04:42:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 19 04:38:37 2019
Response via : Initial Calibration



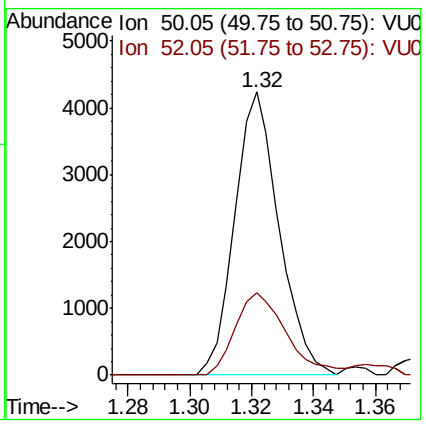


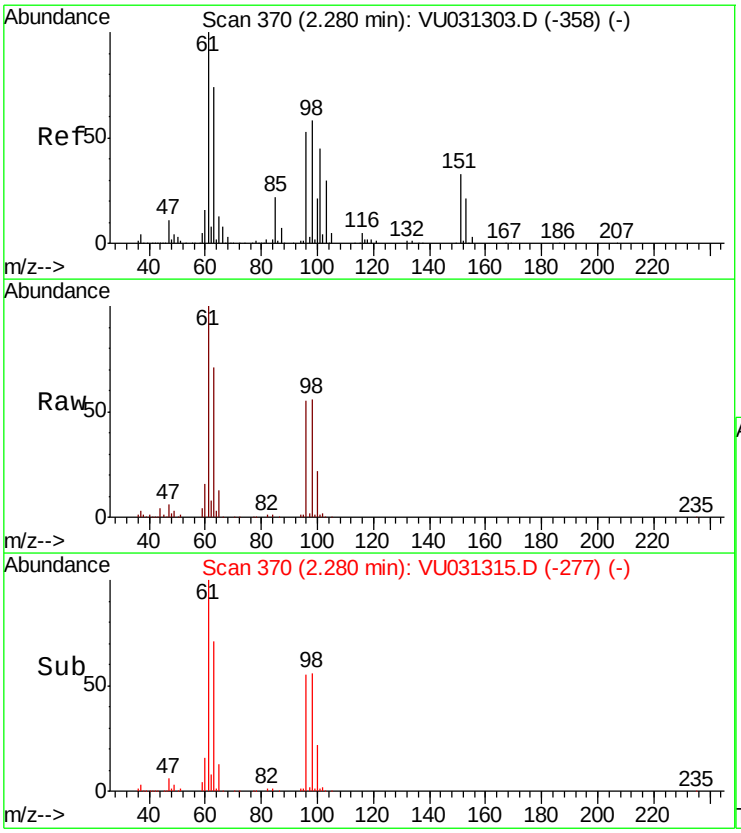
#3
Chloromethane
Concen: 0.142 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU031315.D
Acq: 18 Apr 2019 18:31

Instrument : MSVOA_U
ClientSampleId : YAMX3MS

Tgt Ion: 50 Resp: 4244

Ion	Ratio	Lower	Upper
50	100		
52	29.2	23.2	43.2

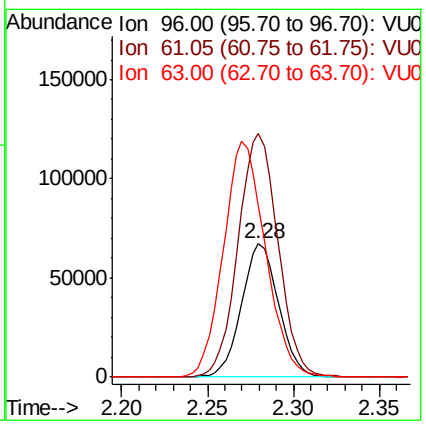


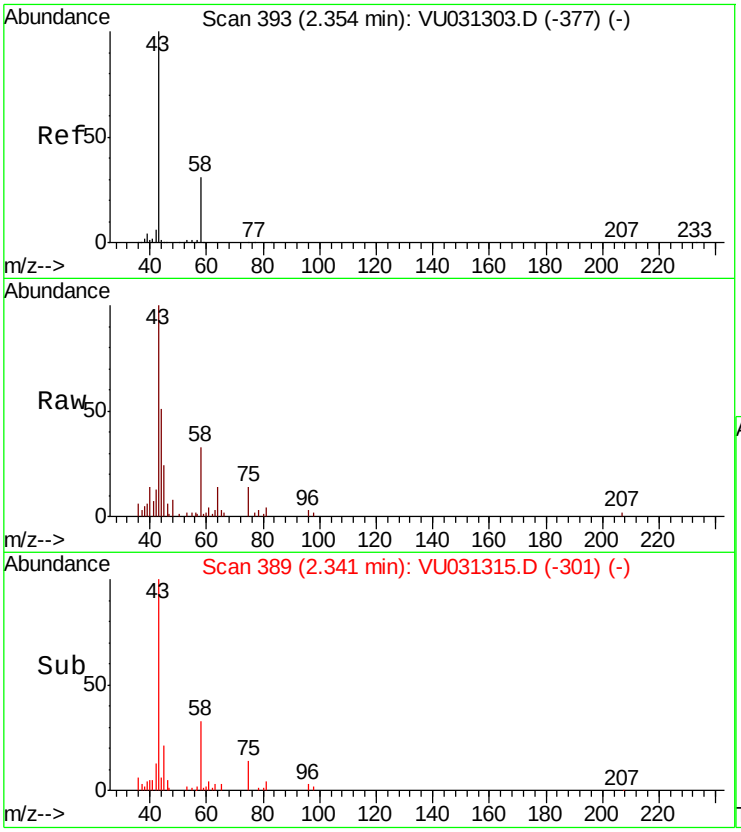


#12
1,1-Dichloroethene
Concen: 4.910 ug/L
RT: 2.28 min Scan# 370
Delta R.T. 0.00 min
Lab File: VU031315.D
Acq: 18 Apr 2019 18:31

Tgt Ion: 96 Resp: 101045

Ion	Ratio	Lower	Upper
96	100		
61	182.5	133.7	248.3
63	129.1	100.5	186.7



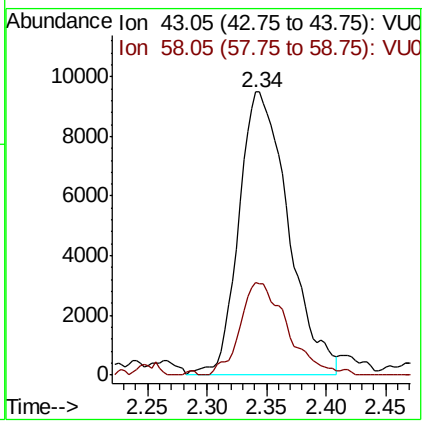


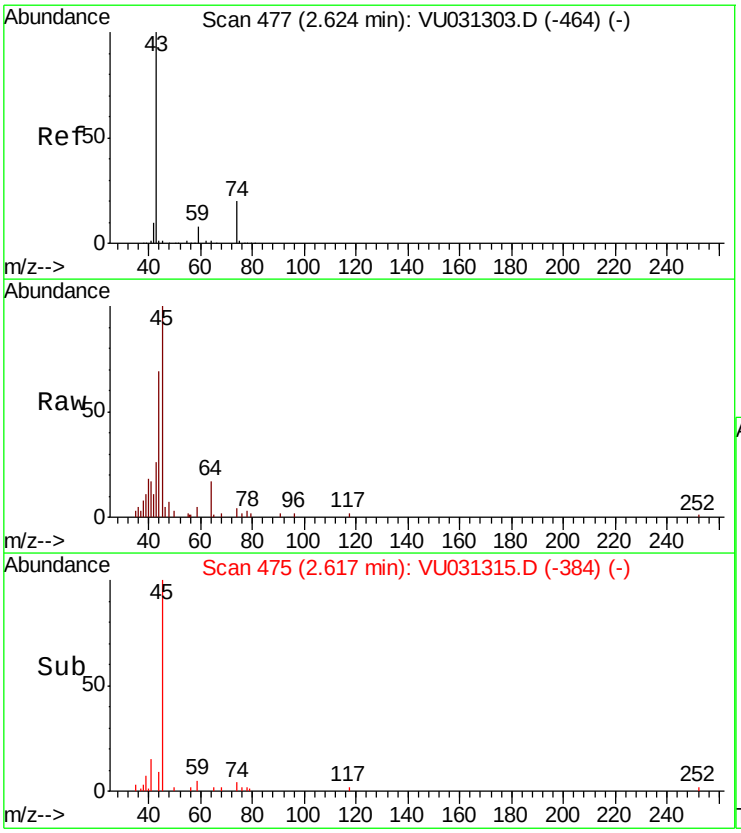
#13
Acetone
Concen: 5.953 ug/L
RT: 2.34 min Scan# 389
Delta R.T. -0.02 min
Lab File: VU031315.D
Acq: 18 Apr 2019 18:31

Instrument :
MSVOA_U
ClientSampleId :
YAMX3MS

Tgt Ion: 43 Resp: 27374

Ion	Ratio	Lower	Upper
43	100		
58	31.0	0.0	64.4

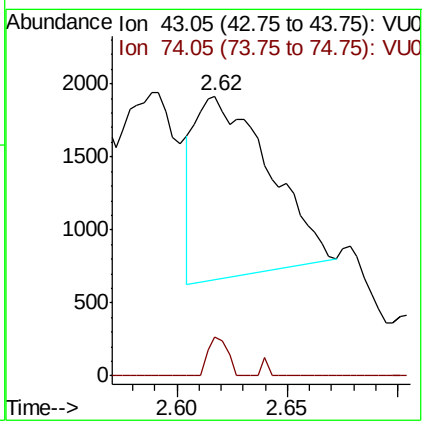


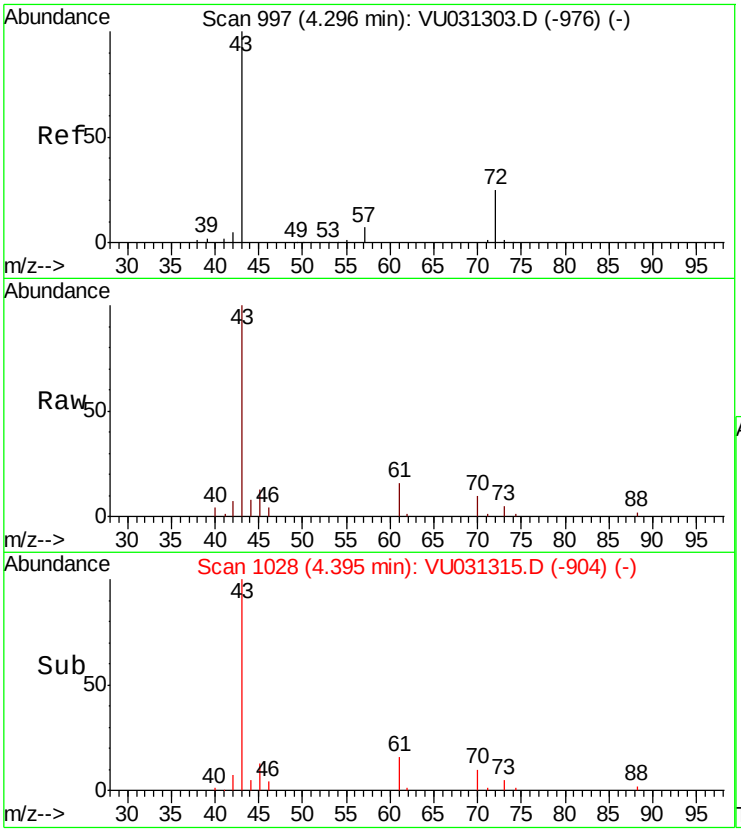


#15
Methyl Acetate
Concen: 0.230 ug/L
RT: 2.62 min Scan# 475
Delta R.T. -0.01 min
Lab File: VU031315.D
Acq: 18 Apr 2019 18:31

Tgt Ion: 43 Resp: 2889

Ion	Ratio	Lower	Upper
43	100		
74	5.6	16.7	25.1#



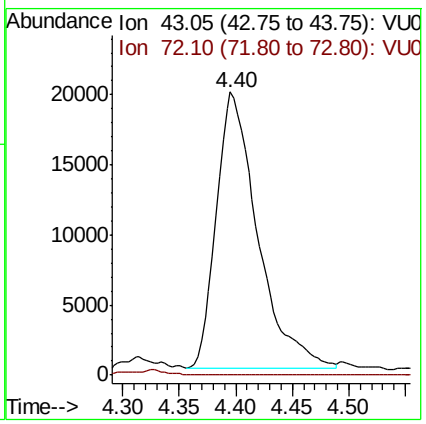


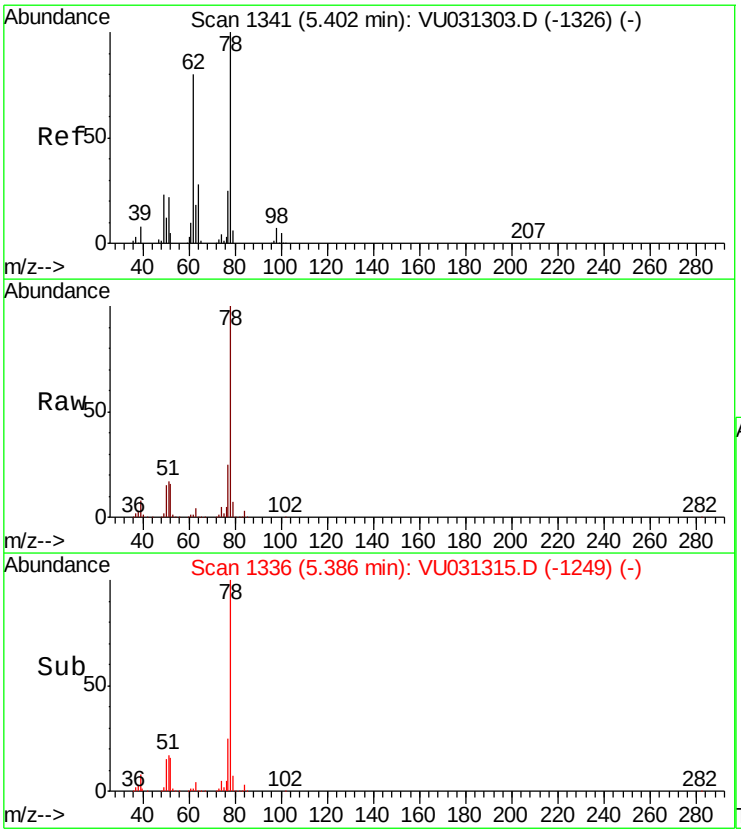
#21
2-Butanone
Concen: 10.594 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. 0.10 min
Lab File: VU031315.D
Acq: 18 Apr 2019 18:31

Instrument : MSVOA_U
ClientSampleId : YAMX3MS

Tgt Ion: 43 Resp: 50062

Ion	Ratio	Lower	Upper
43	100		
72	1.2	11.8	35.4#

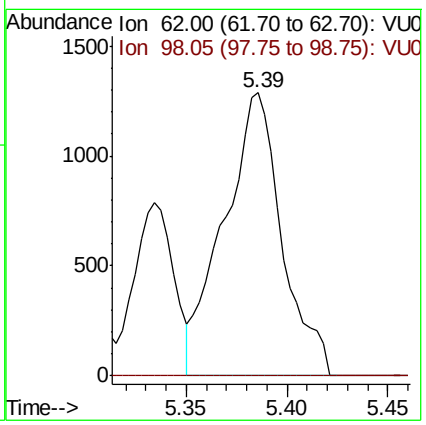


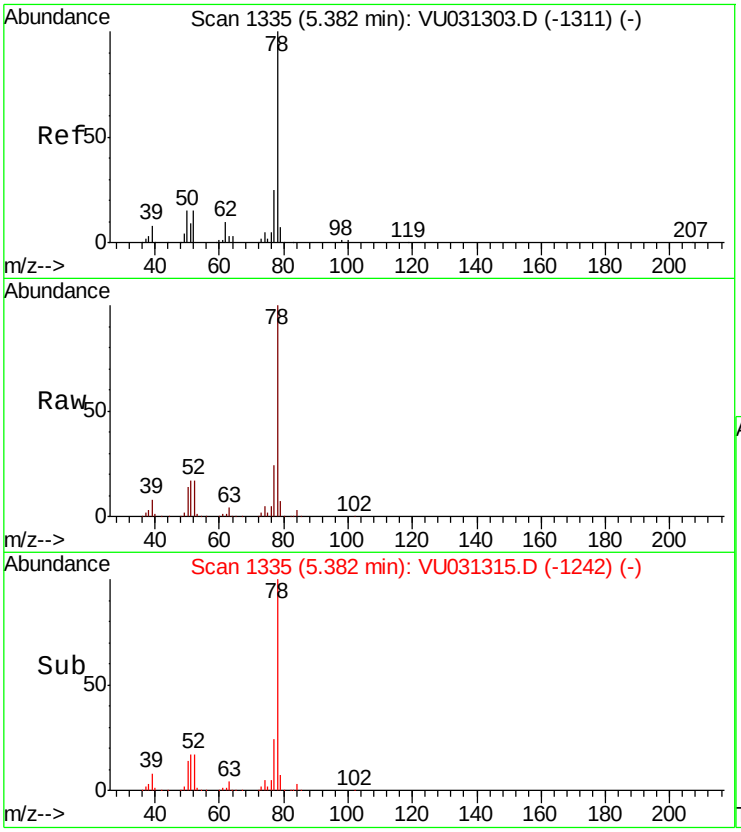


#27
1,2-Dichloroethane
Concen: 0.134 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. -0.02 min
Lab File: VU031315.D
Acq: 18 Apr 2019 18:31

Tgt Ion: 62 Resp: 2581

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.4	11.0#

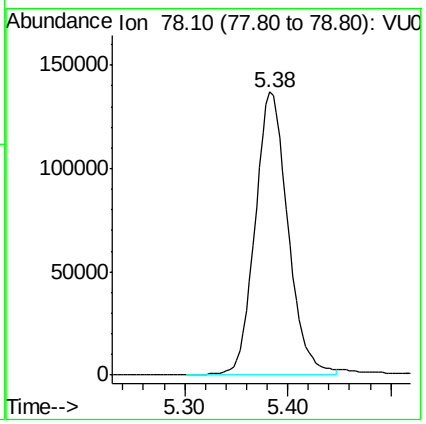


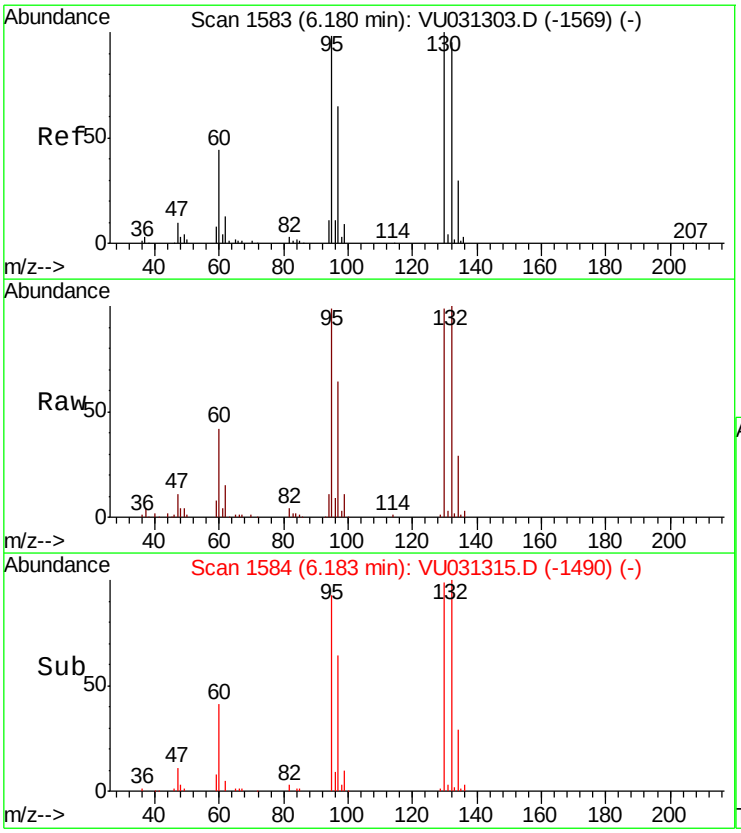


#33
Benzene
Concen: 4.724 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU031315.D
Acq: 18 Apr 2019 18:31

Instrument :
MSVOA_U
ClientSampleId :
YAMX3MS

Tgt Ion: 78 Resp: 302715

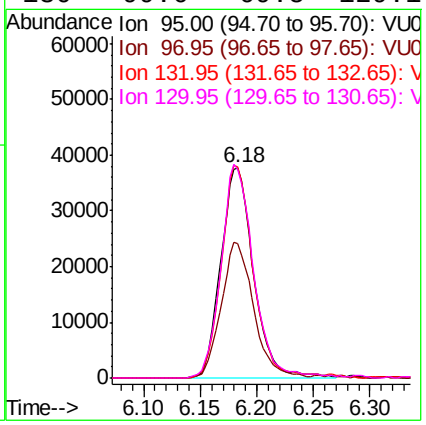


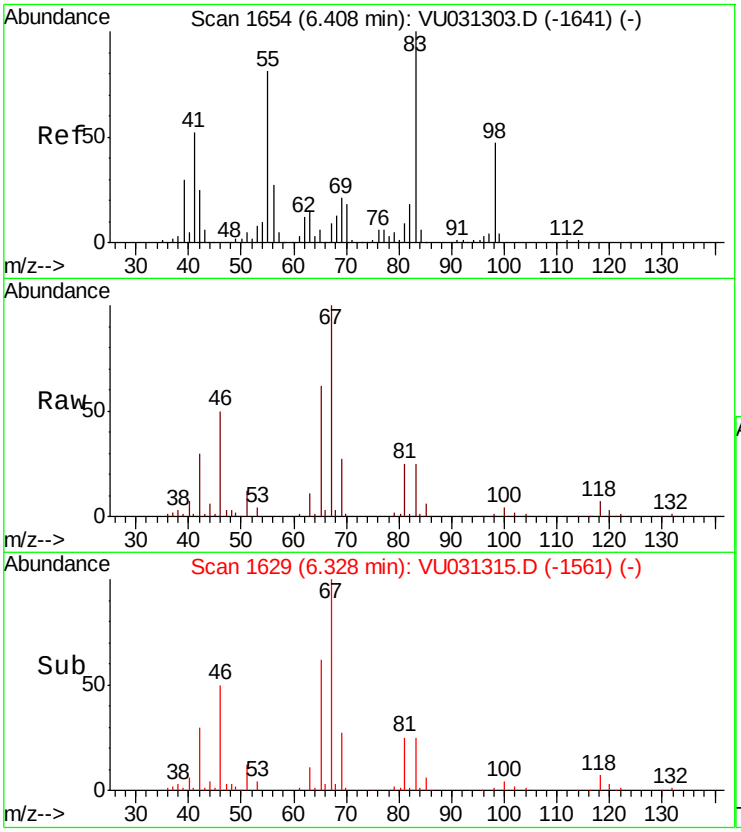


#34
Trichloroethene
Concen: 4.382 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031315.D
Acq: 18 Apr 2019 18:31

Tgt Ion: 95 Resp: 75899

Ion	Ratio	Lower	Upper
95	100		
97	64.0	46.8	86.8
132	100.6	65.8	122.2
130	99.6	69.5	129.1



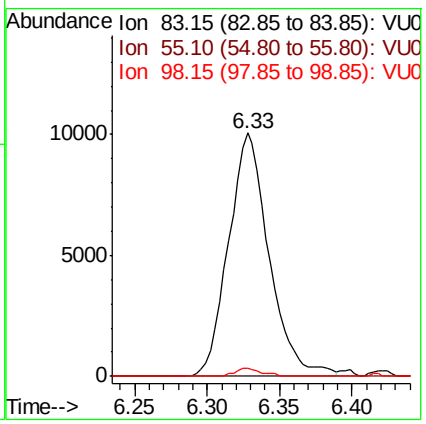


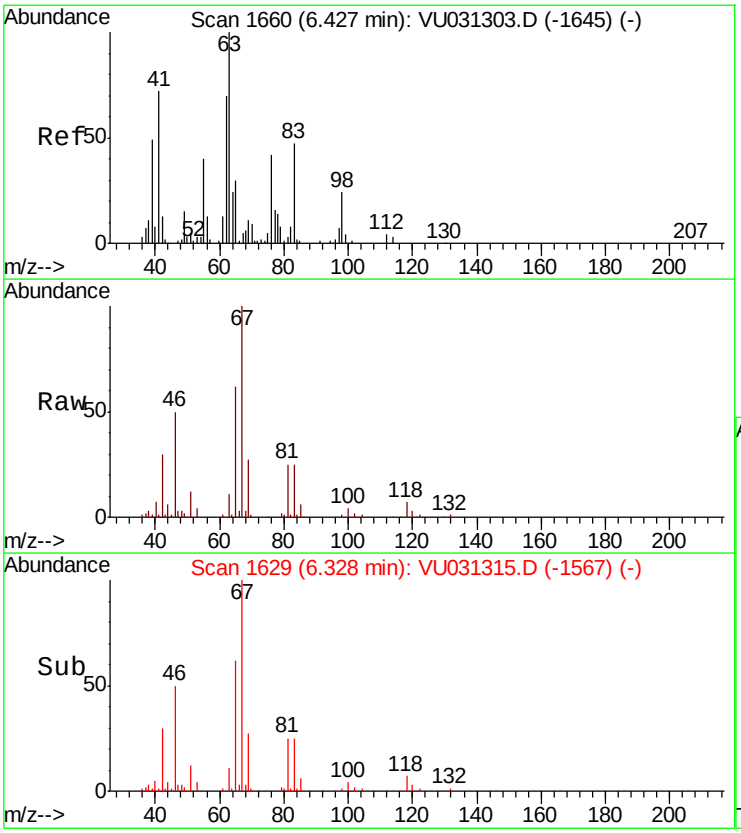
#35
Methylcyclohexane
Concen: 0.818 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031315.D
Acq: 18 Apr 2019 18:31

Instrument :
MSVOA_U
ClientSampleId :
YAMX3MS

Tgt Ion: 83 Resp: 19503

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.6	105.8#
98	2.0	37.0	55.4#

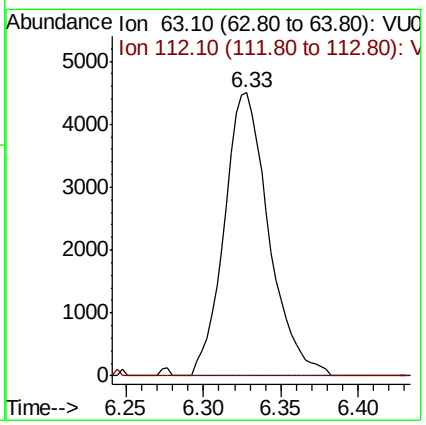


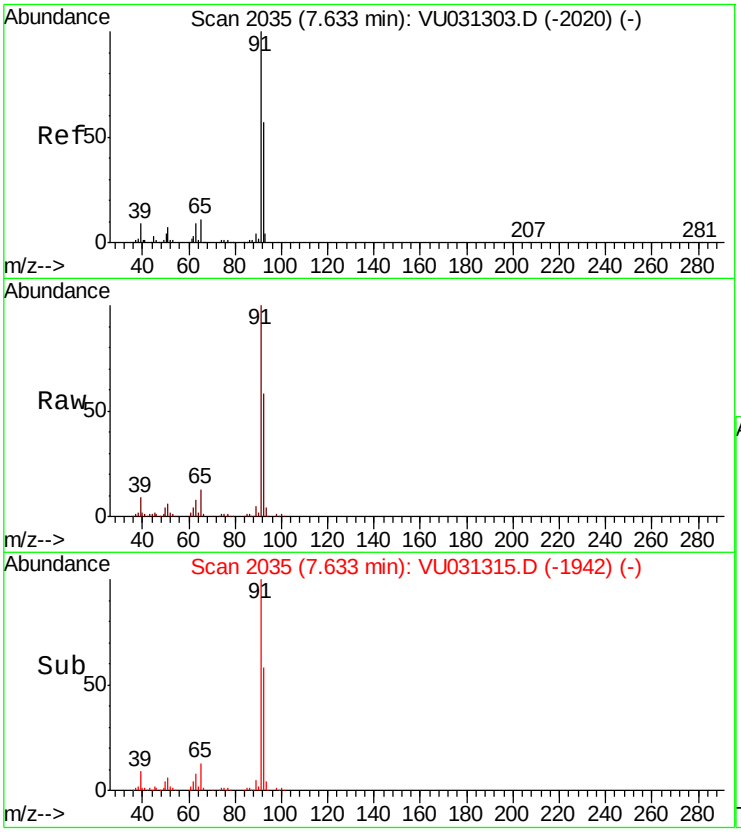


#37
1,2-Dichloropropane
Concen: 0.533 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU031315.D
Acq: 18 Apr 2019 18:31

Tgt Ion: 63 Resp: 9002

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.5	5.3#



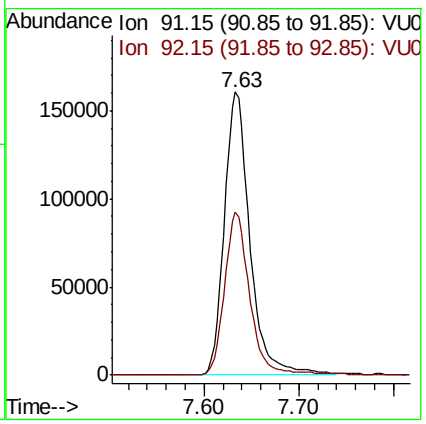


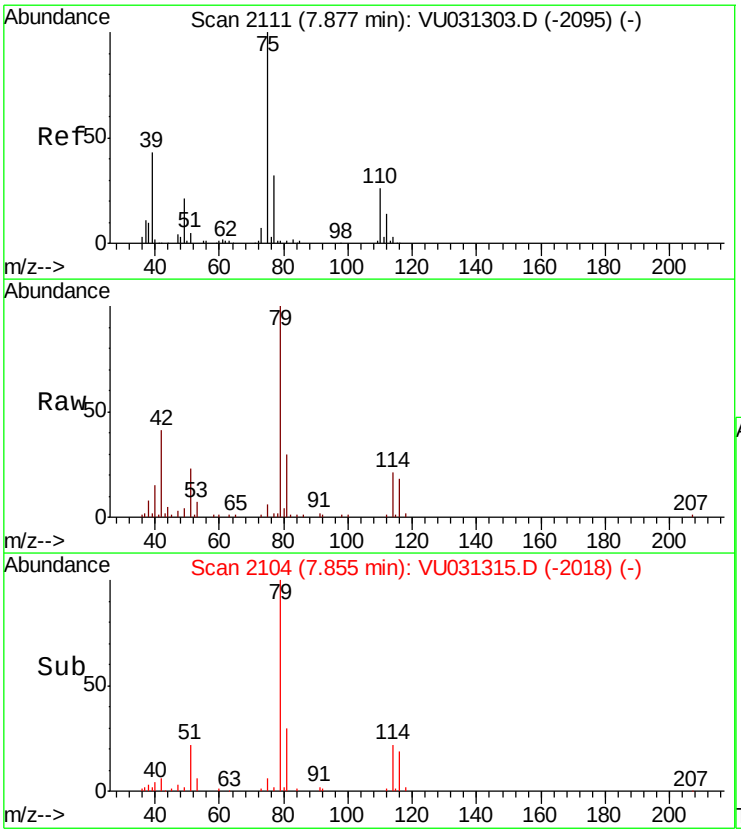
#42
Toluene
Concen: 4.674 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU031315.D
Acq: 18 Apr 2019 18:31

Instrument : MSVOA_U
ClientSampleId : YAMX3MS

Tgt Ion: 91 Resp: 302015

Ion	Ratio	Lower	Upper
91	100		
92	57.7	39.5	73.3

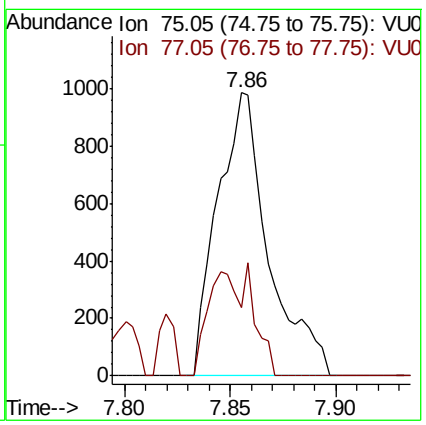


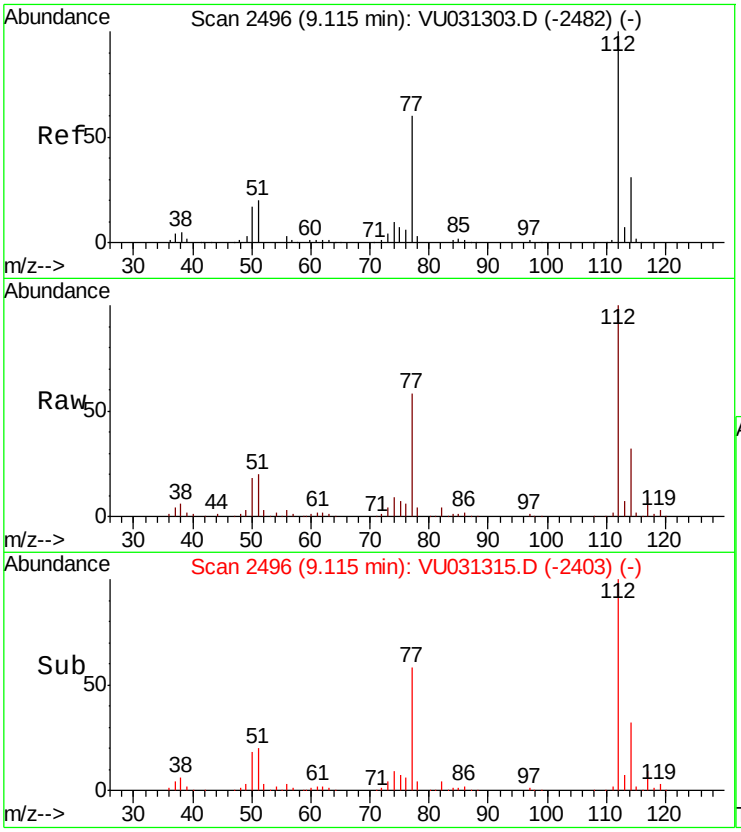


#44
trans-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.86 min Scan# 2104
Delta R.T. -0.02 min
Lab File: VU031315.D
Acq: 18 Apr 2019 18:31

Tgt Ion: 75 Resp: 1657

Ion	Ratio	Lower	Upper
75	100		
77	24.2	21.6	40.0





#51
Chlorobenzene
Concen: 4.857 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU031315.D
Acq: 18 Apr 2019 18:31

Instrument :
MSVOA_U
ClientSampleId :
YAMX3MS

Tgt Ion:112 Resp: 196481

Ion	Ratio	Lower	Upper
112	100		
114	31.5	21.6	40.2
77	58.1	47.1	70.7