Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032119\

Quantitation Report (Not Reviewed)

Data File : VU030257.D
Acq On : 21 Mar 2019 11:58
Operator : JC/SP
Sample : K1967-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0977

Quant Time: Mar 22 04:06:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 04:03:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	540425	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	535158	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	245926	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	175272	47.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.92%			
7) Chloroethane-d5	1.68	69	142506	48.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.54%			
11) 1,1-Dichloroethene-d2	2.27	63	237895	35.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.36%			
21) 2-Butanone-d5	4.18	46	235072	86.71	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 86.71%			
24) Chloroform-d	4.65	84	302505	45.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.22%			
26) 1,2-Dichloroethane-d4	5.31	65	178420	46.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.28%			
32) Benzene-d6	5.34	84	654367	46.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.80%			
36) 1,2-Dichloropropane-d6	6.33	67	205080	47.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.00%			
41) Toluene-d8	7.56	98	596397	44.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.96%			
43) trans-1,3-Dichloropropene-	7.85	79	92624	43.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.18%			
47) 2-Hexanone-d5	8.31	63	190168	84.04	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 84.04%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	289300	43.22	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 86.44%			
64) 1,2-Dichlorobenzene-d4	11.86	152	228620	46.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.60%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2405	0.662	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	2122	0.589	ug/L #	1
13) Acetone	2.32	43	4105	1.449	ug/L	93
51) Chlorobenzene	9.12	112	1741434	156.626	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	27429	5.132	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	11580	1.423	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	6009	0.750	ug/L	92

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

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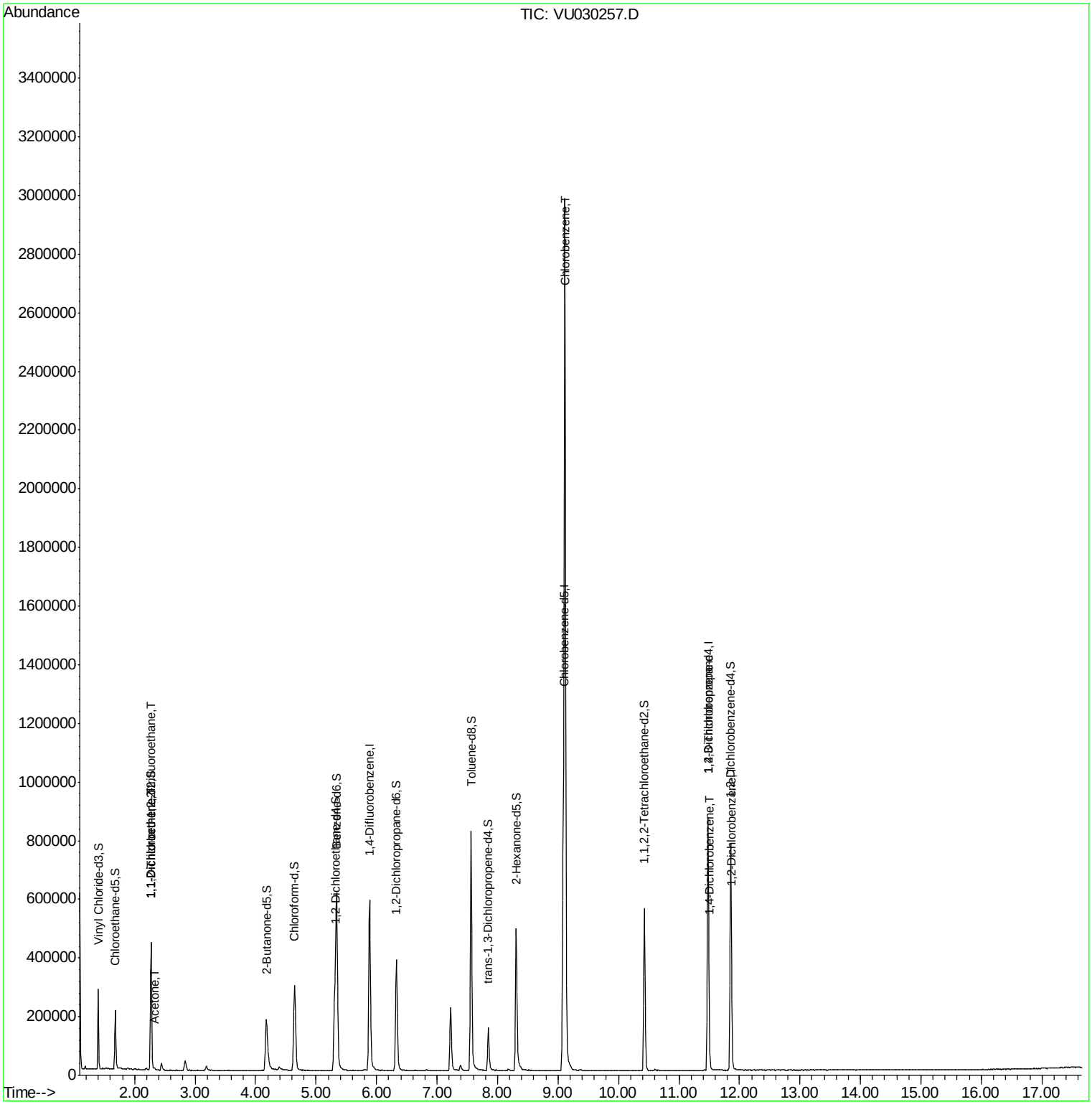
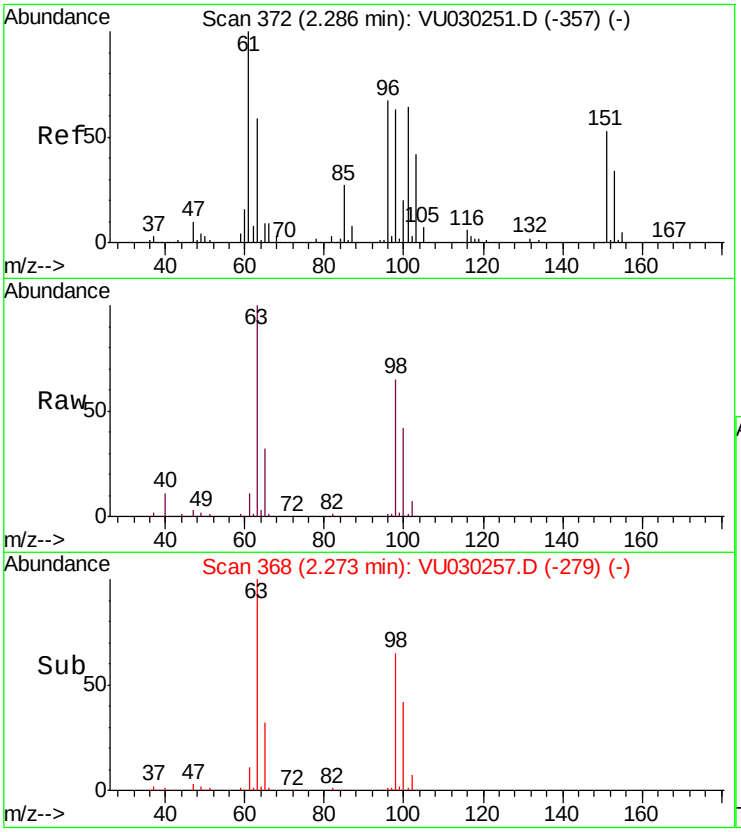


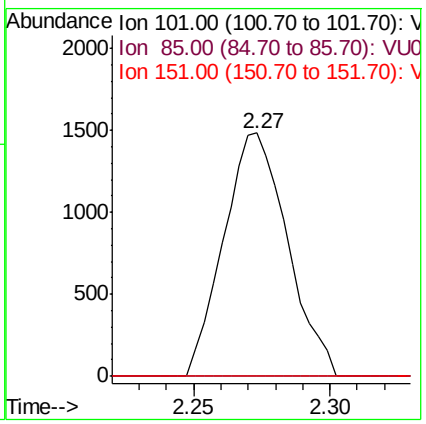


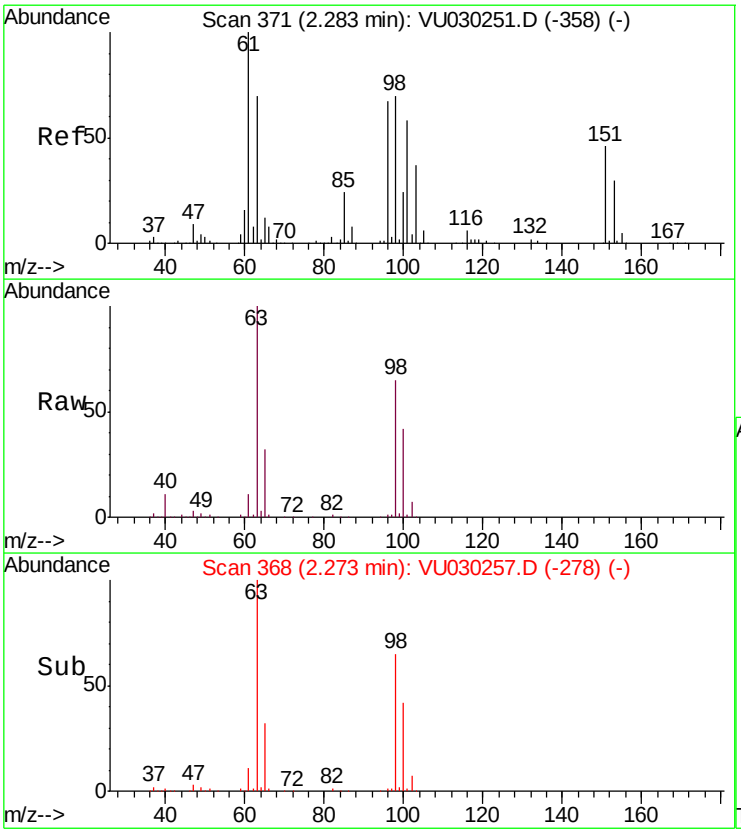
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.662 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU030257.D
Acq: 21 Mar 2019 11:58

Instrument :
MSVOA_U
ClientSampleId :
C0977

Tgt Ion:101 Resp: 2405

Ion	Ratio	Lower	Upper
101	100		
85	0.0	32.5	48.7#
151	0.0	64.7	97.1#

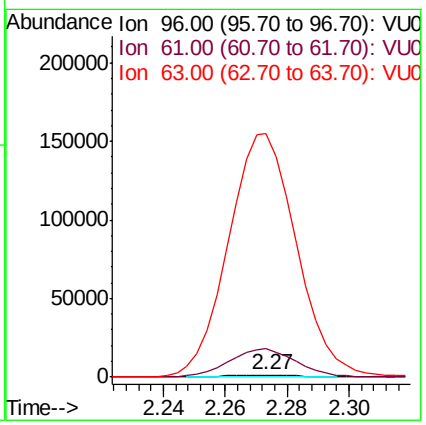


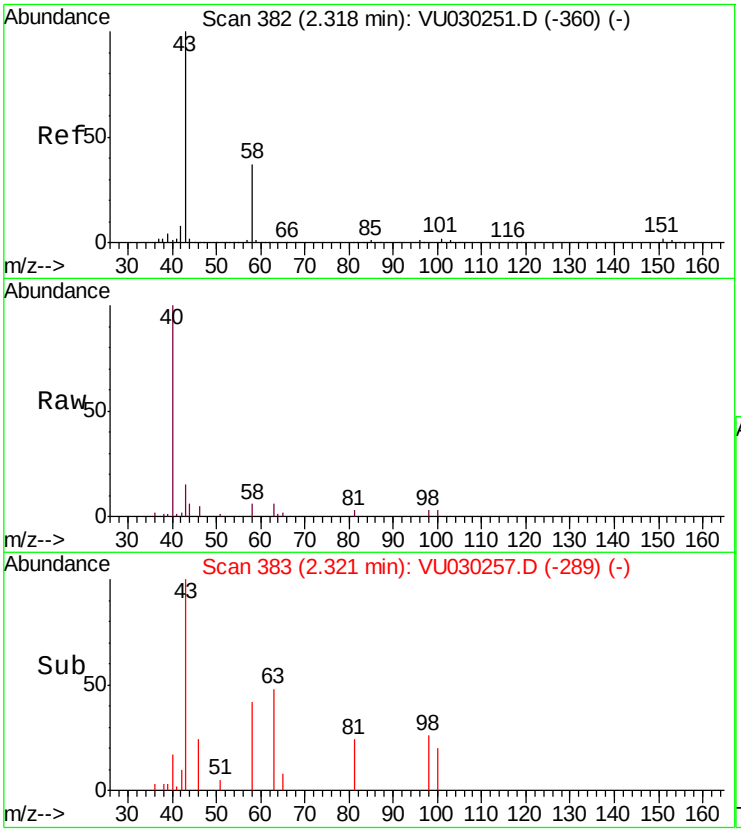


#12
1,1-Dichloroethene
Concen: 0.589 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU030257.D
Acq: 21 Mar 2019 11:58

Tgt Ion: 96 Resp: 2122

Ion	Ratio	Lower	Upper
96	100		
61	1319.3	104.6	194.2#
63	11489.6	77.2	143.4#



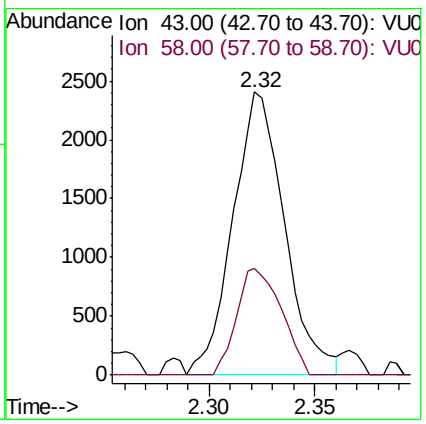


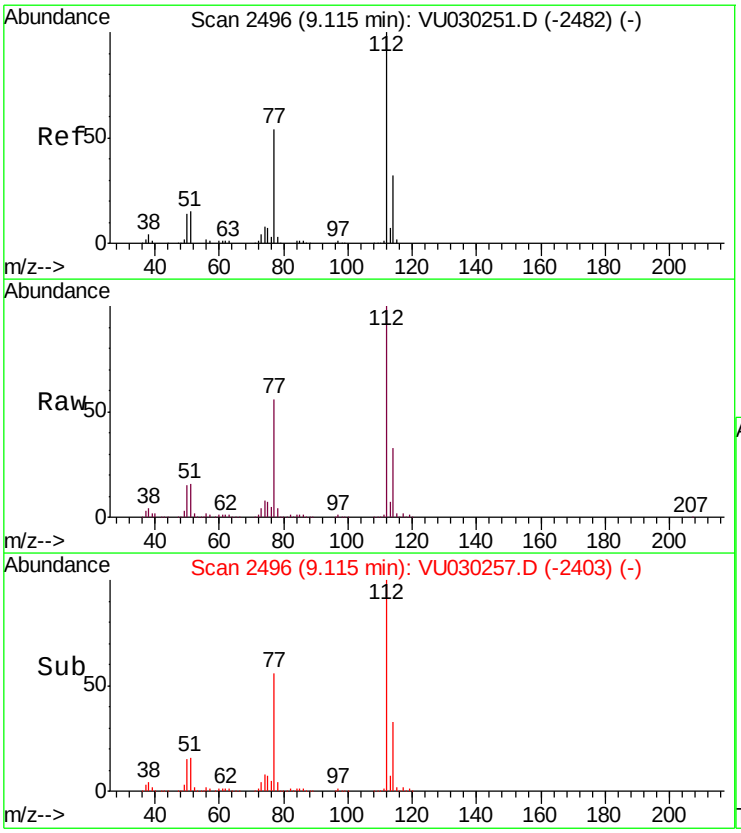
#13
Acetone
Concen: 1.449 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU030257.D
Acq: 21 Mar 2019 11:58

Instrument : MSVOA_U
ClientSampleId : C0977

Tgt Ion: 43 Resp: 4105

Ion	Ratio	Lower	Upper
43	100		
58	32.4	0.0	73.4

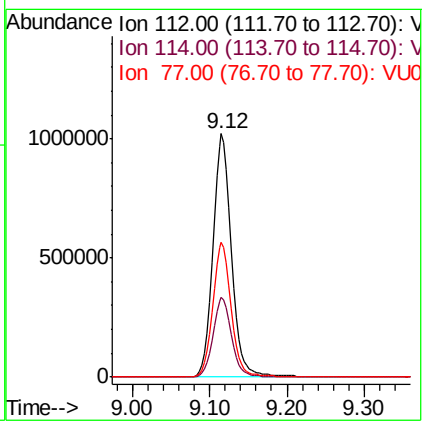


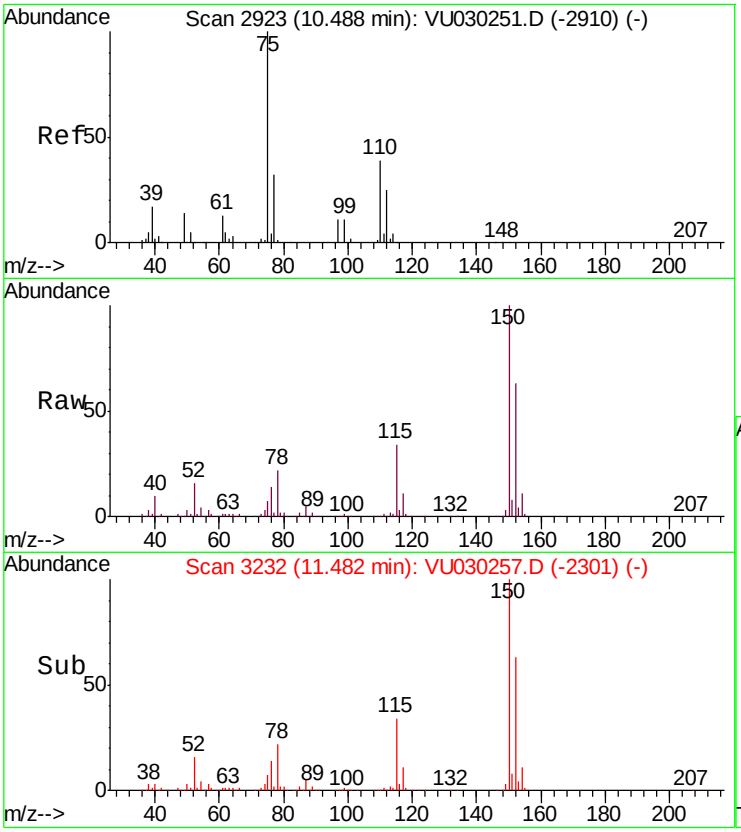


#51
Chlorobenzene
Concen: 156.626 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU030257.D
Acq: 21 Mar 2019 11:58

Tgt Ion:112 Resp: 1741434

Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.5	41.7
77	55.6	43.4	65.0



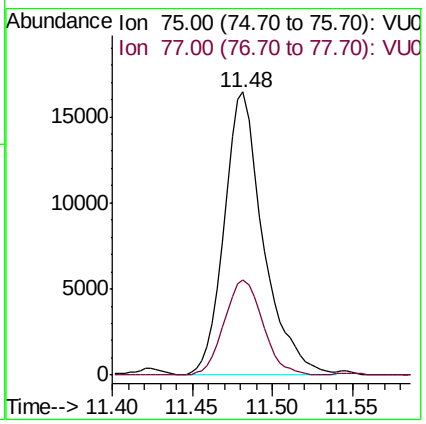


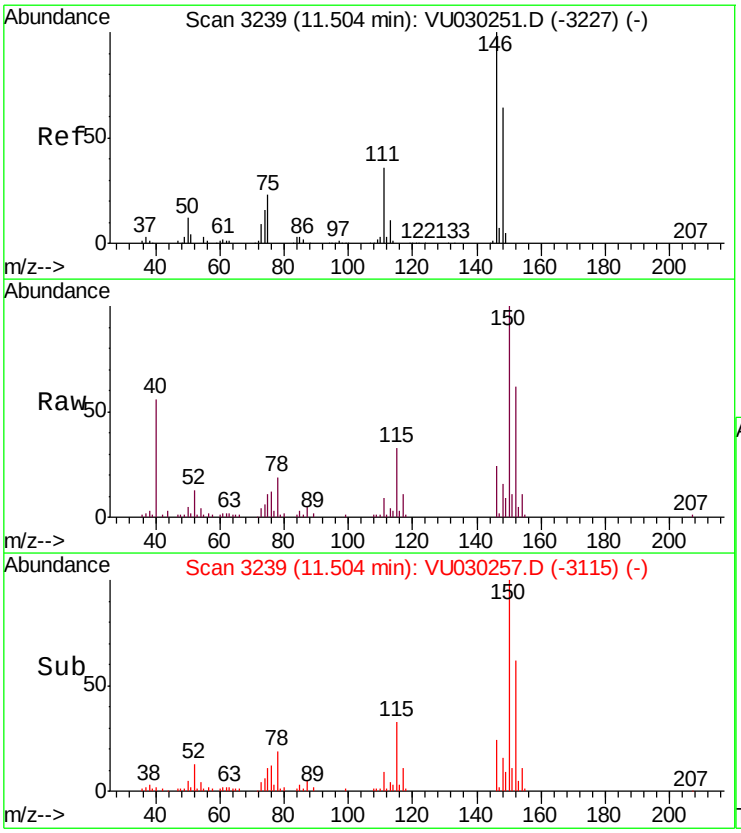
#59
1,2,3-Trichloropropane
Concen: 5.132 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030257.D
Acq: 21 Mar 2019 11:58

Instrument : MSVOA_U
ClientSampleId : C0977

Tgt Ion: 75 Resp: 27429

Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.8	38.8

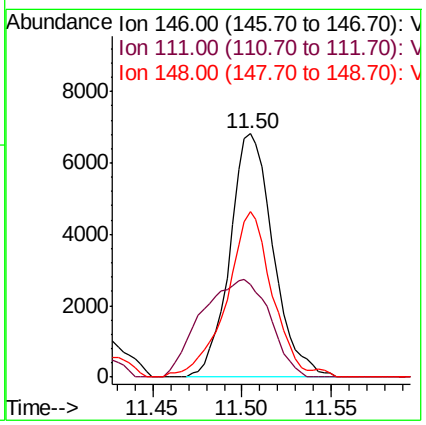


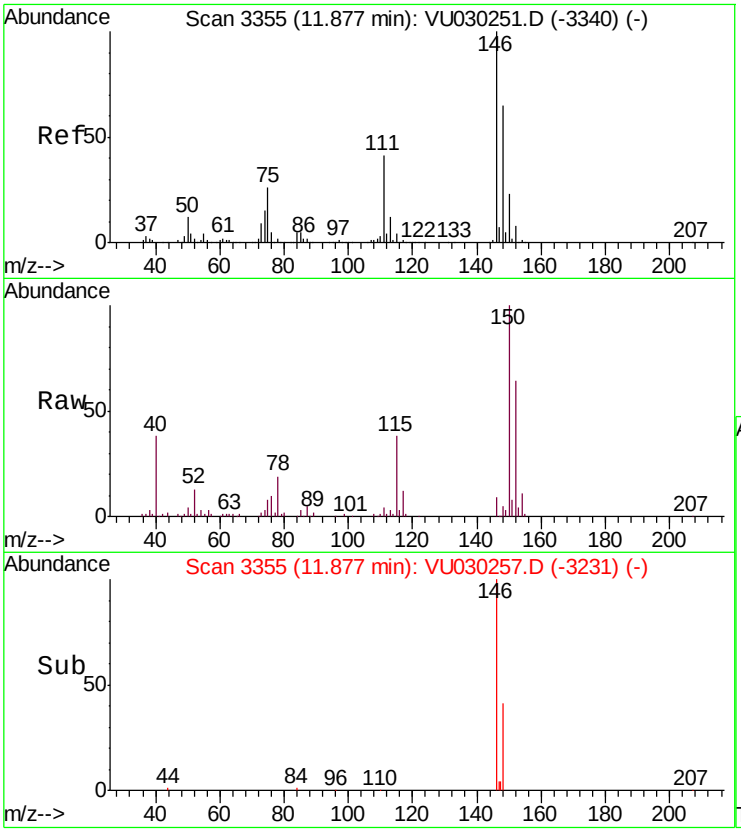


#63
1,4-Dichlorobenzene
Concen: 1.423 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VU030257.D
Acq: 21 Mar 2019 11:58

Tgt Ion:146 Resp: 11580

Ion	Ratio	Lower	Upper
146	100		
111	37.9	25.3	46.9
148	67.7	44.7	82.9





#65
1,2-Dichlorobenzene
Concen: 0.750 ug/L
RT: 11.88 min Scan# 3355
Delta R.T. -0.00 min
Lab File: VU030257.D
Acq: 21 Mar 2019 11:58

Instrument :
MSVOA_U
ClientSampleId :
C0977

Tgt Ion:146 Resp: 6009

Ion	Ratio	Lower	Upper
146	100		
111	42.3	31.7	47.5
148	56.4	52.0	78.0