Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\

Quantitation Report (Not Reviewed)

Data File : VU031905.D
Acq On : 10 May 2019 21:54
Operator : JC/SP
Sample : VIBLK41
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK41

Quant Time: May 11 02:50:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1048696	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1050160	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	377874	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	419631	47.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.62%			
7) Chloroethane-d5	1.67	69	349130	51.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.96%			
11) 1,1-Dichloroethene-d2	2.26	63	567785	32.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.96%			
21) 2-Butanone-d5	4.17	46	677450	85.19	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 85.19%			
24) Chloroform-d	4.64	84	722048	44.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.84%			
26) 1,2-Dichloroethane-d4	5.30	65	479137	45.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.24%			
32) Benzene-d6	5.33	84	1496733	46.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.82%			
36) 1,2-Dichloropropane-d6	6.32	67	512114	45.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.28%			
41) Toluene-d8	7.56	98	1247090	44.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.80%			
43) trans-1,3-Dichloropropene-	7.85	79	195350	40.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.22%			
47) 2-Hexanone-d5	8.31	63	449256	91.49	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.49%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	692466	45.48	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.96%			
64) 1,2-Dichlorobenzene-d4	11.86	152	416628	52.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.86%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	5089	0.605	ug/L #	22
44) trans-1,3-Dichloropropene	7.85	75	7370	0.561	ug/L #	63
48) 2-Hexanone	8.31	43	53520	3.924	ug/L #	76
51) Chlorobenzene	9.12	112	12716	0.559	ug/L	94
59) 1,2,3-Trichloropropane	11.48	75	55031	4.235	ug/L	96
63) 1,4-Dichlorobenzene	11.50	146	13055	1.008	ug/L	89
65) 1,2-Dichlorobenzene	11.87	146	15464	1.163	ug/L #	78

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

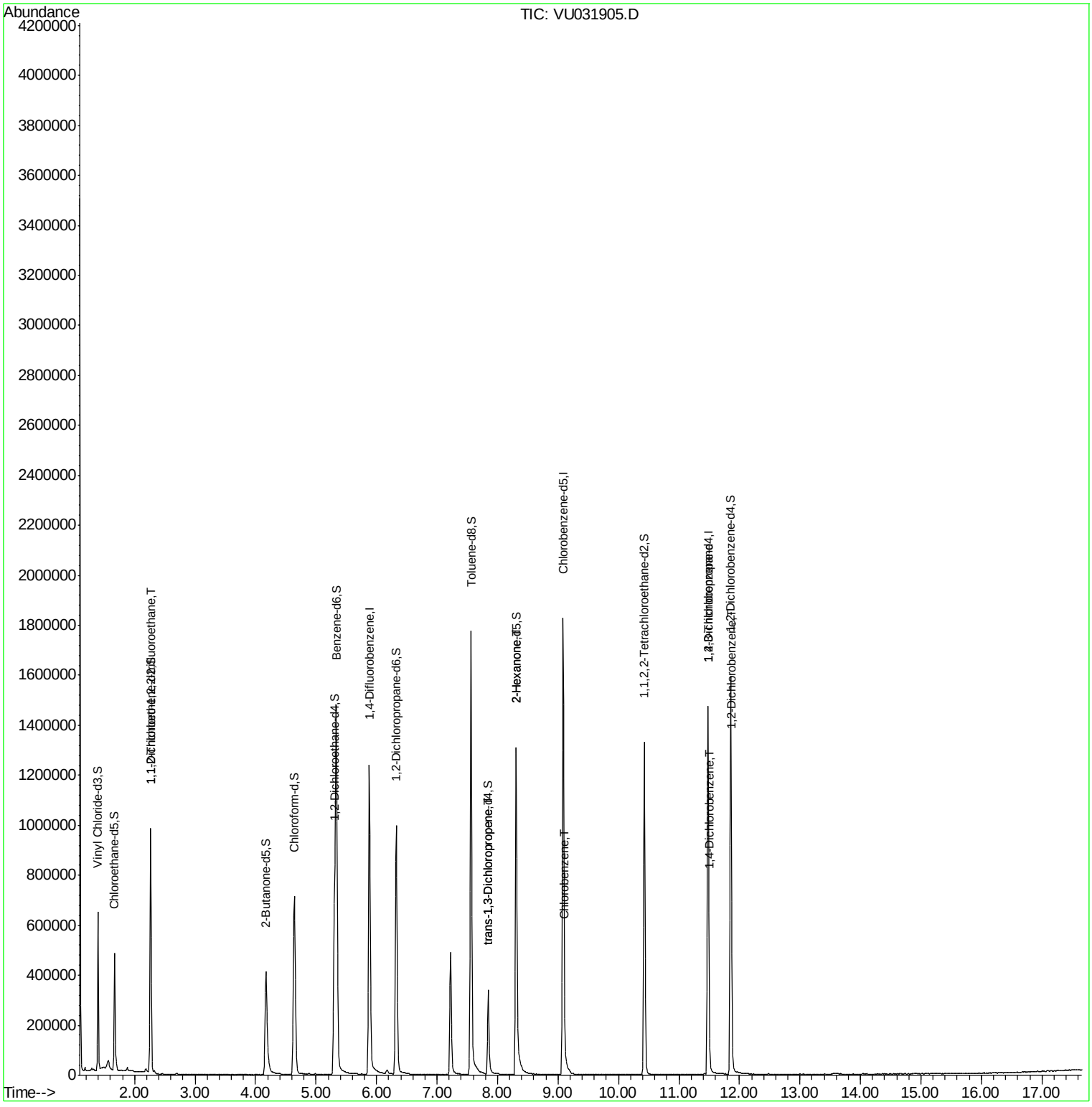
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\

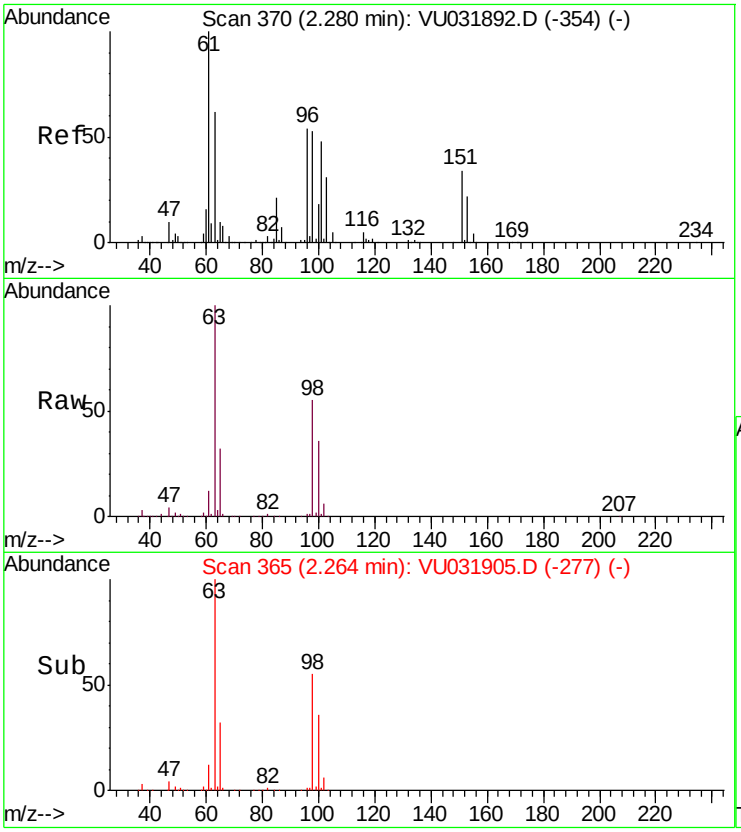
Quantitation Report (Not Reviewed)

Data File : VU031905.D
Acq On : 10 May 2019 21:54
Operator : JC/SP
Sample : VIBLK41
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK41

Quant Time: May 11 02:50:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration



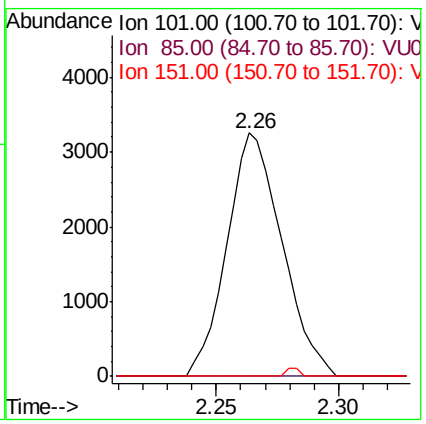


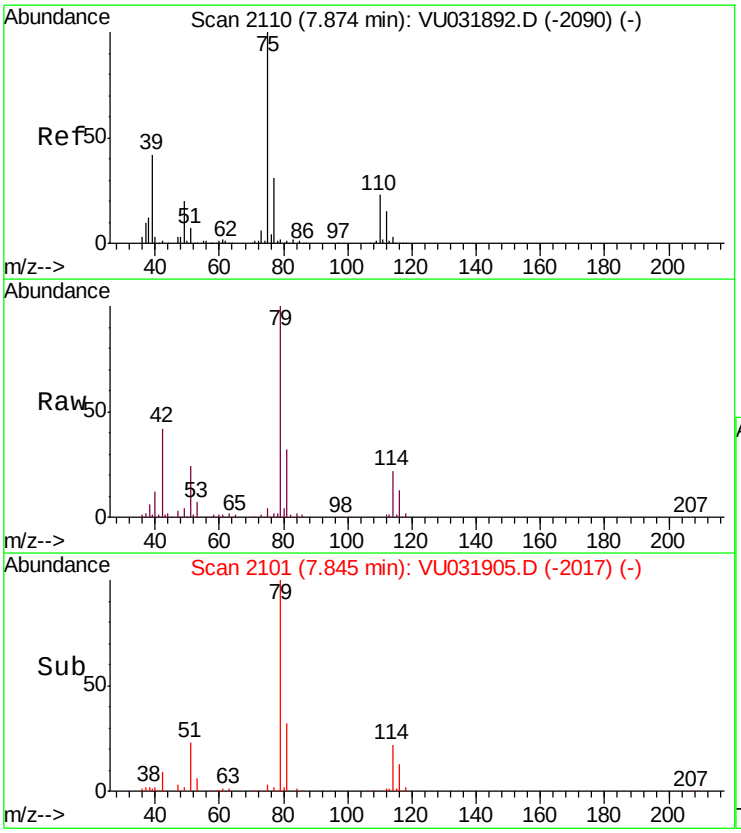
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.605 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.02 min
Lab File: VU031905.D
Acq: 10 May 2019 21:54

Instrument :
MSVOA_U
ClientSampleId :
VIBLK41

Tgt Ion:101 Resp: 5089

Ion	Ratio	Lower	Upper
101	100		
85	1.0	36.1	54.1#
151	0.9	56.1	84.1#

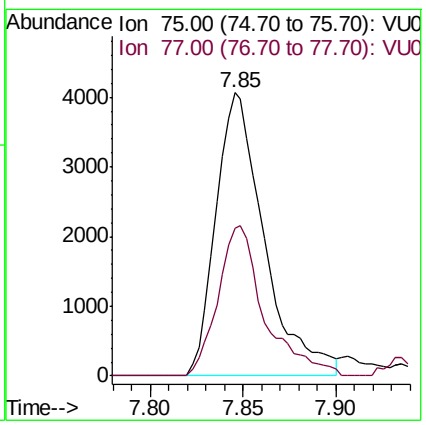


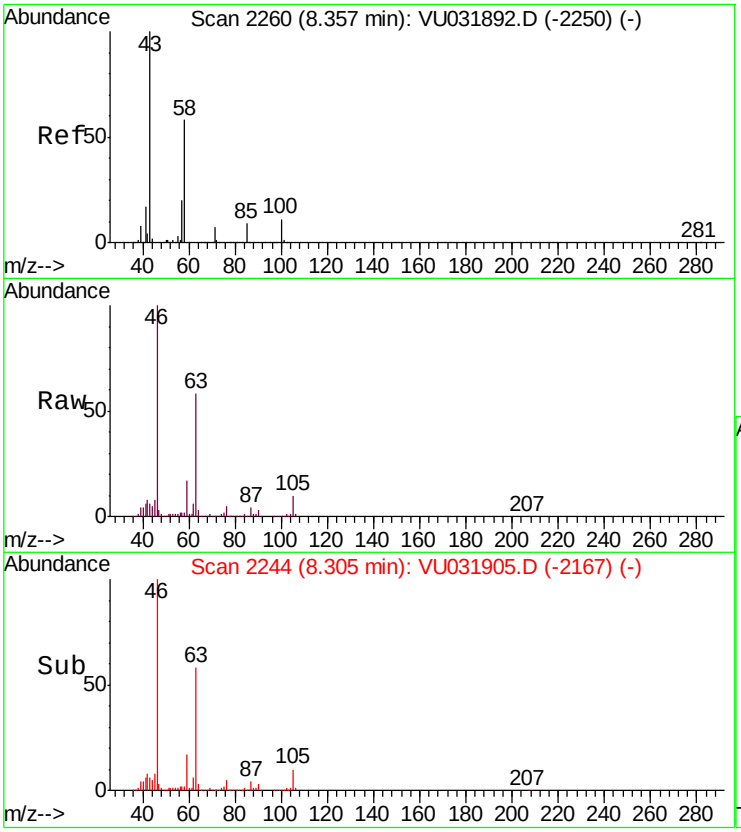


#44
trans-1,3-Dichloropropene
Concen: 0.561 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU031905.D
Acq: 10 May 2019 21:54

Tgt Ion: 75 Resp: 7370

Ion	Ratio	Lower	Upper
75	100		
77	52.1	22.1	41.1#



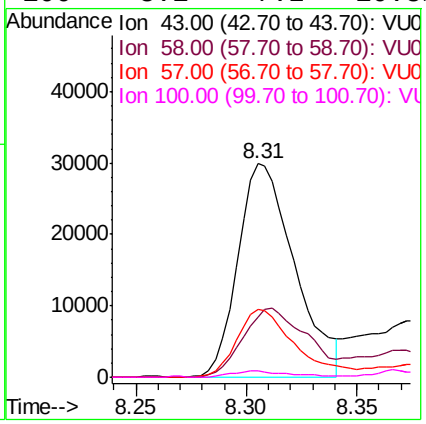


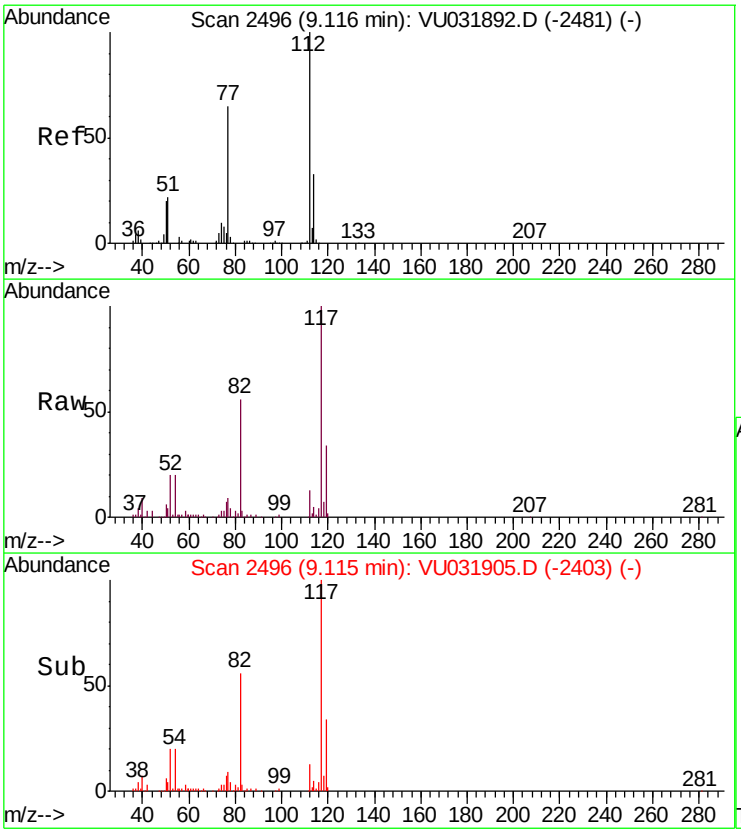
#48
2-Hexanone
Concen: 3.924 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU031905.D
Acq: 10 May 2019 21:54

Instrument : MSVOA_U
ClientSampleId : VIBLK41

Tgt Ion: 43 Resp: 53520

Ion	Ratio	Lower	Upper
43	100		
58	36.4	42.1	63.1#
57	32.8	14.6	22.0#
100	3.1	7.2	10.8#

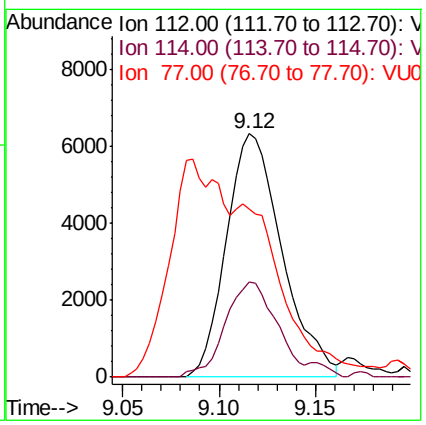


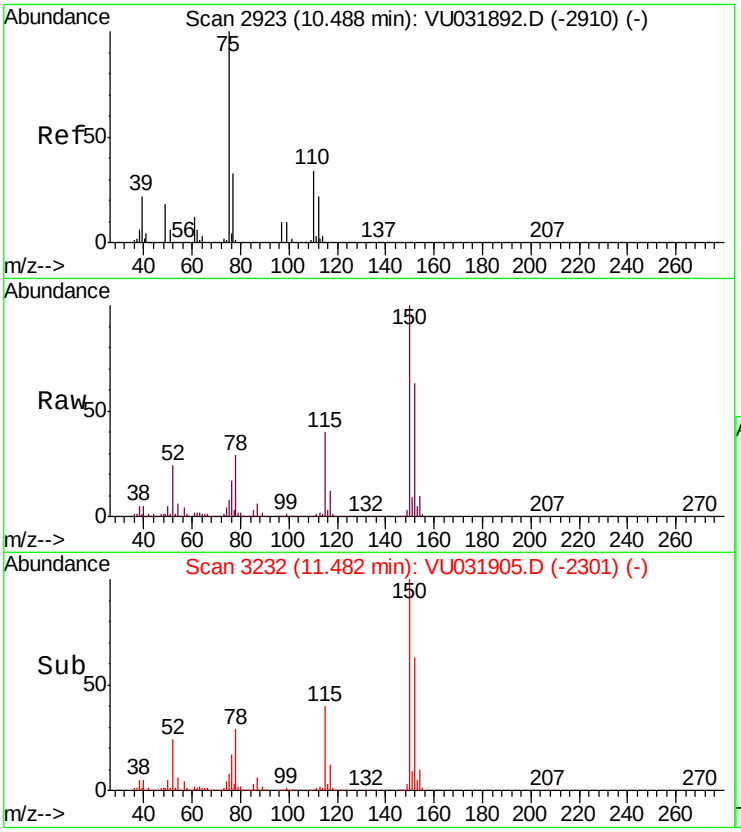


#51
Chlorobenzene
Concen: 0.559 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU031905.D
Acq: 10 May 2019 21:54

Tgt Ion:112 Resp: 12716

Ion	Ratio	Lower	Upper
112	100		
114	38.8	23.3	43.3
77	68.9	53.0	79.4



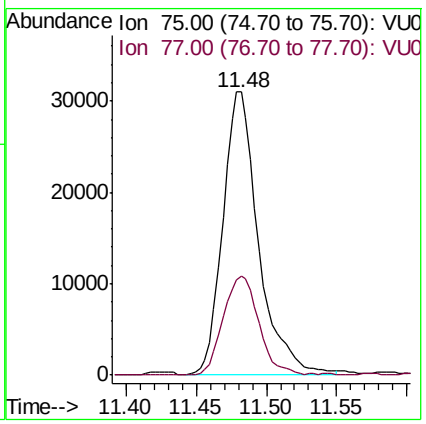


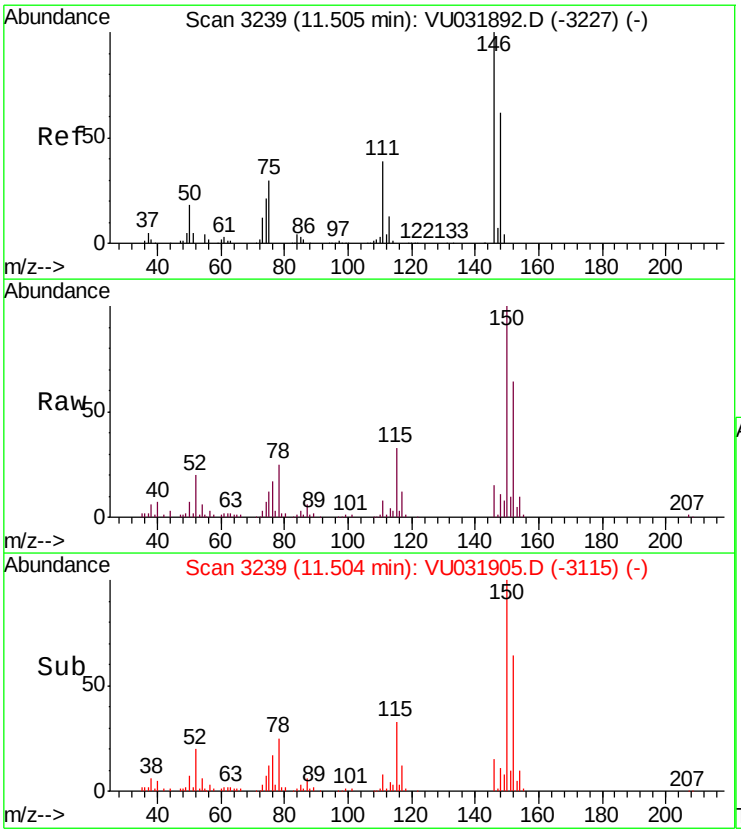
#59
1,2,3-Trichloropropane
Concen: 4.235 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU031905.D
Acq: 10 May 2019 21:54

Instrument : MSVOA_U
ClientSampleId : VIBLK41

Tgt Ion: 75 Resp: 55031

Ion	Ratio	Lower	Upper
75	100		
77	34.7	25.9	38.9

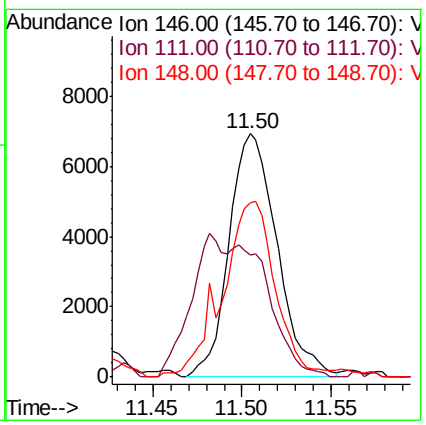


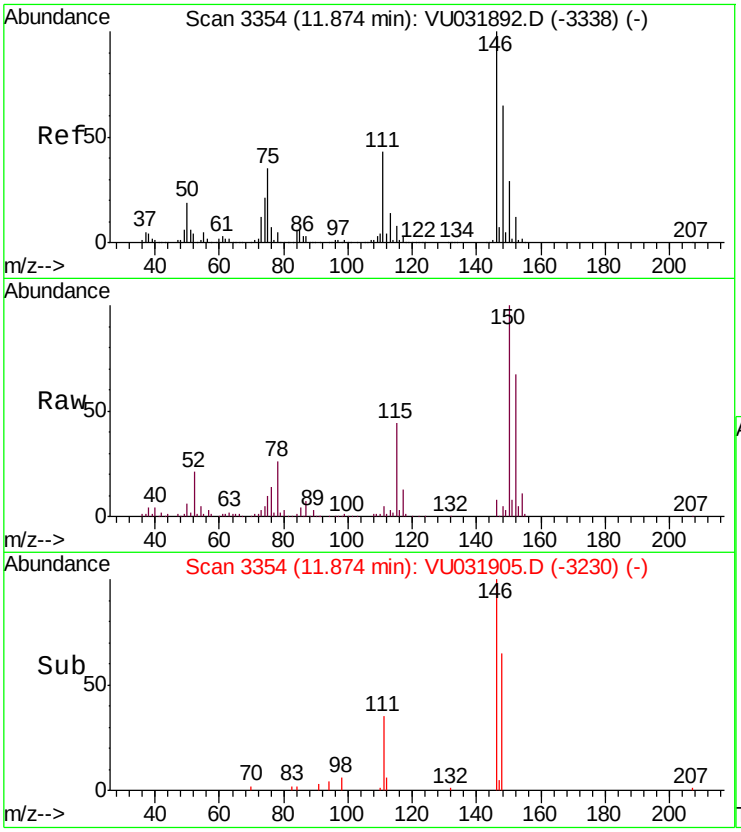


#63
1,4-Dichlorobenzene
Concen: 1.008 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VU031905.D
Acq: 10 May 2019 21:54

Tgt Ion:146 Resp: 13055

Ion	Ratio	Lower	Upper
146	100		
111	50.3	28.2	52.4
148	71.7	45.4	84.4





#65
1,2-Dichlorobenzene
Concen: 1.163 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VU031905.D
Acq: 10 May 2019 21:54

Instrument :
MSVOA_U
ClientSampleId :
VIBLK41

Tgt Ion:146 Resp: 15464

Ion	Ratio	Lower	Upper
146	100		
111	68.3	35.9	53.9#
148	71.9	50.5	75.7