Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052119\

Quantitation Report (Not Reviewed)

Data File : VU032204.D
Acq On : 21 May 2019 16:56
Operator : JC/SP
Sample : K2975-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHH5

Quant Time: May 22 02:13:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 02:08:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	796293	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	793776	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	323602	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	270100	52.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.00%			
7) Chloroethane-d5	1.67	69	229961	50.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.62%			
11) 1,1-Dichloroethene-d2	2.38	63	245	0.02	ug/L	0.11
Spiked Amount 50.000	Range 60 - 125		Recovery = 0.04%#			
21) 2-Butanone-d5	4.17	46	403953	126.05	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 126.05%			
24) Chloroform-d	4.64	84	510054	49.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.68%			
26) 1,2-Dichloroethane-d4	5.30	65	319116	52.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.64%			
32) Benzene-d6	5.33	84	1081577	52.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.84%			
36) 1,2-Dichloropropane-d6	6.32	67	316677	53.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.30%			
41) Toluene-d8	7.56	98	983866	50.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.62%			
43) trans-1,3-Dichloropropene-	7.85	79	138849	47.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.46%			
47) 2-Hexanone-d5	8.31	63	331913	122.81	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 122.81%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	508983	52.81	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.62%			
64) 1,2-Dichlorobenzene-d4	11.85	152	379331	56.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.10%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3851	0.718	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	3838	0.719	ug/L #	1
13) Acetone	2.32	43	7651	2.345	ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	6159	0.816	ug/L	91
59) 1,2,3-Trichloropropane	11.48	75	30426	4.065	ug/L #	82
61) Bromoform	9.95	173	2620	0.636	ug/L #	75

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

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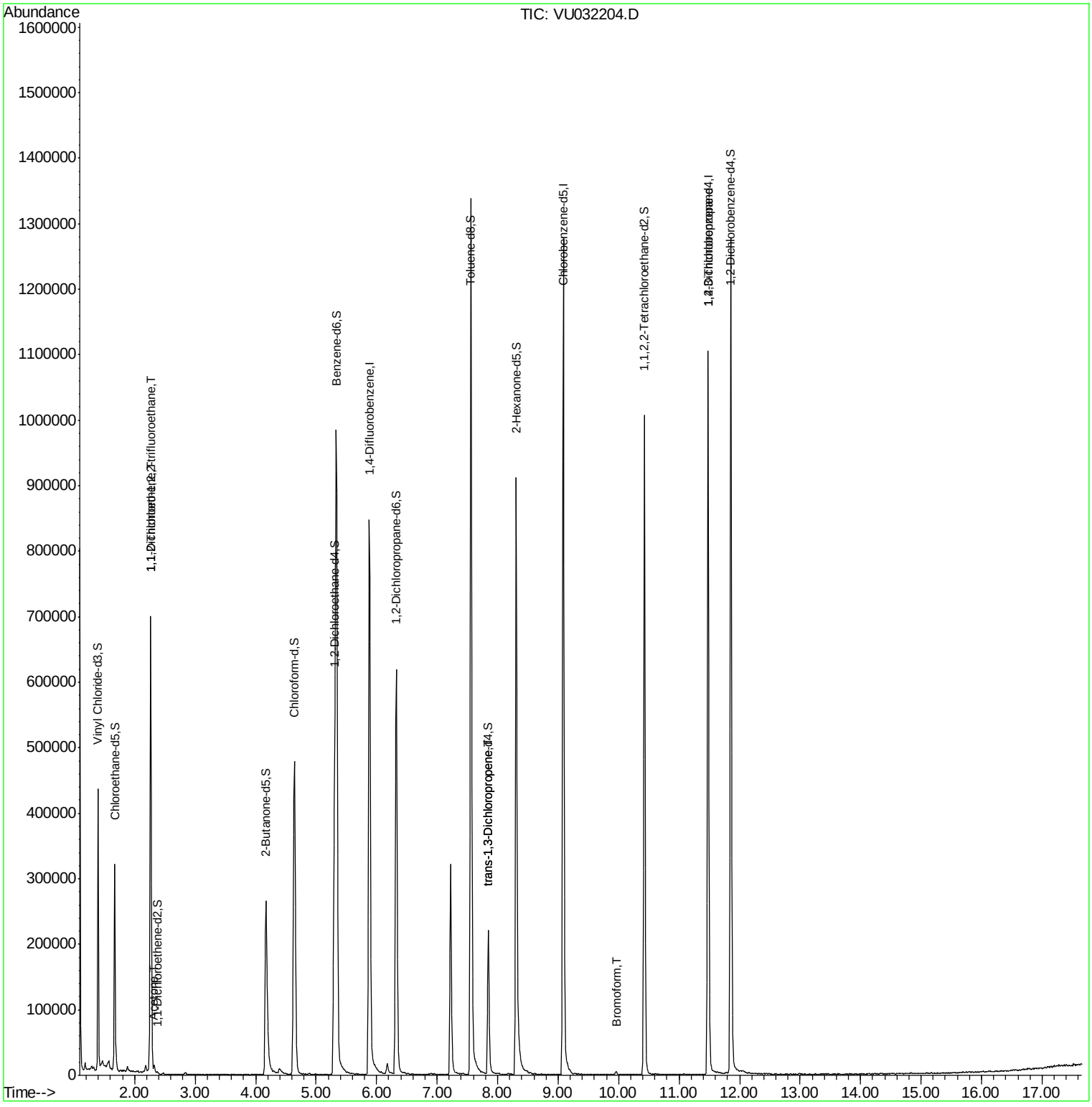
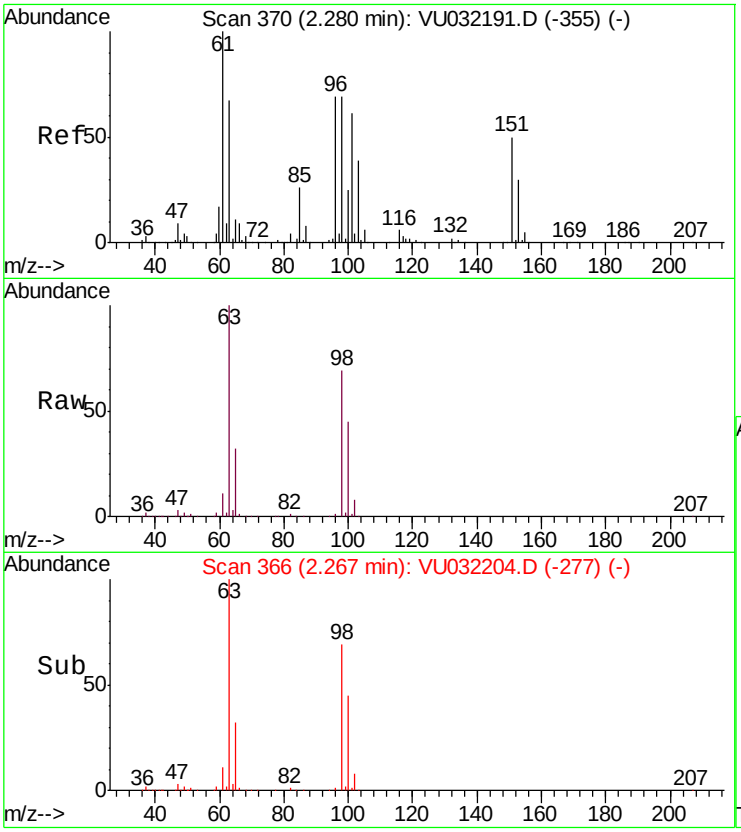


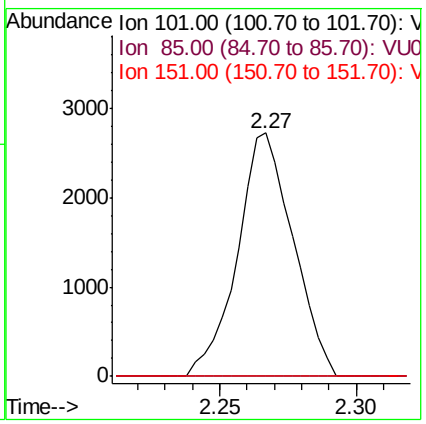


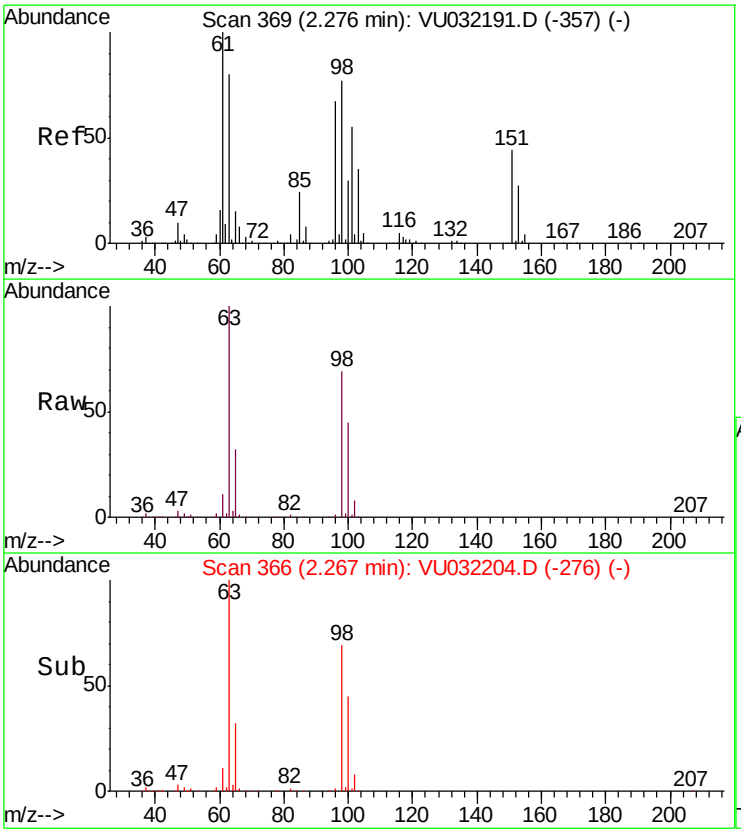
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.718 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032204.D
Acq: 21 May 2019 16:56

Instrument :
MSVOA_U
ClientSampleId :
BFHH5

Tgt Ion:101 Resp: 3851

Ion	Ratio	Lower	Upper
101	100		
85	0.0	32.5	48.7#
151	0.0	63.1	94.7#

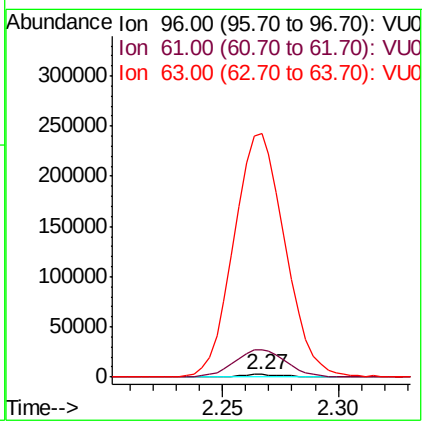


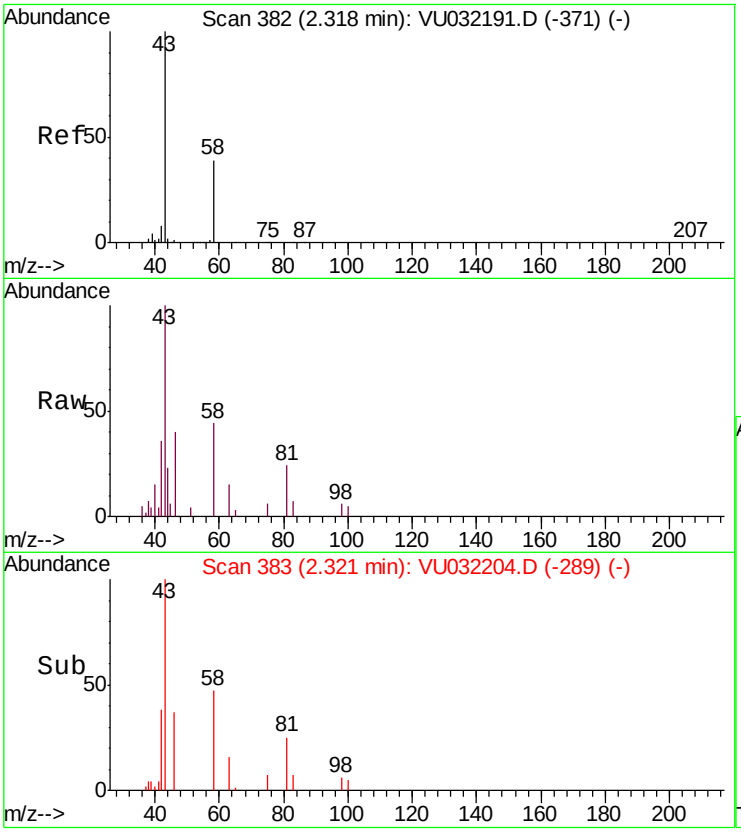


#12
1,1-Dichloroethene
Concen: 0.719 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032204.D
Acq: 21 May 2019 16:56

Tgt Ion: 96 Resp: 3838

Ion	Ratio	Lower	Upper
96	100		
61	1063.0	103.7	192.7#
63	9538.3	83.3	154.7#



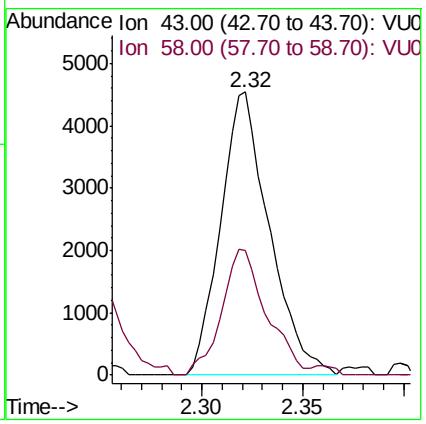


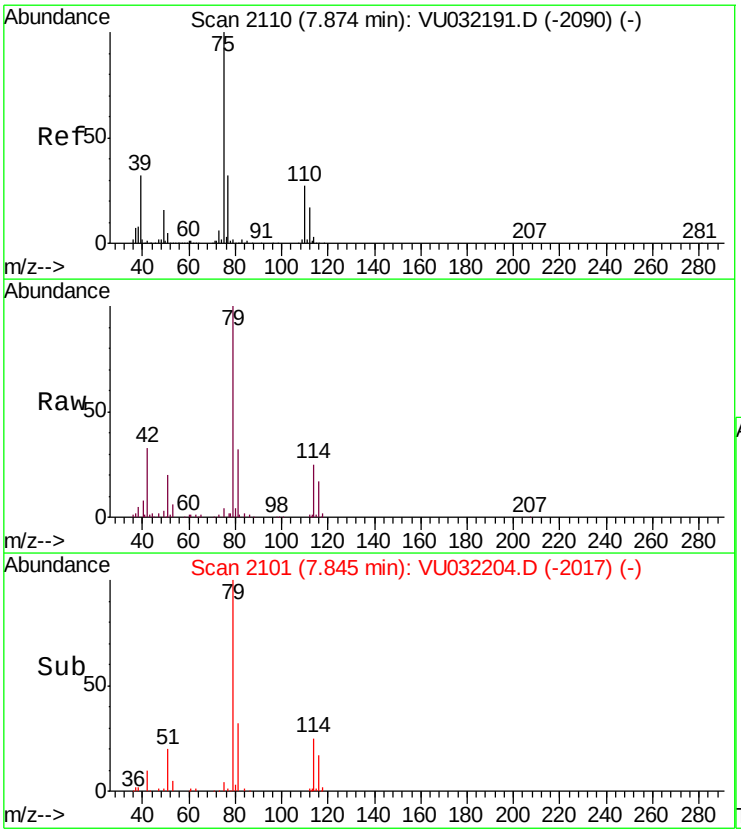
#13
Acetone
Concen: 2.345 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU032204.D
Acq: 21 May 2019 16:56

Instrument :
MSVOA_U
ClientSampleId :
BFHH5

Tgt Ion: 43 Resp: 7651

Ion	Ratio	Lower	Upper
43	100		
58	41.4	0.0	76.8

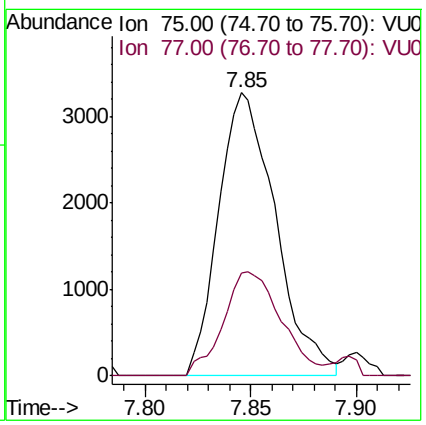


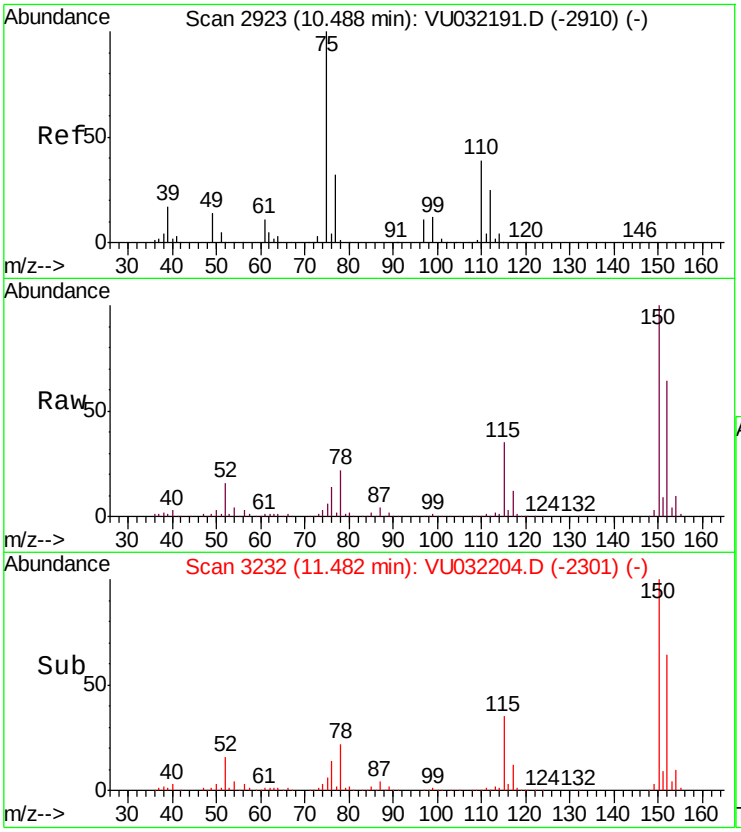


#44
trans-1,3-Dichloropropene
Concen: 0.816 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032204.D
Acq: 21 May 2019 16:56

Tgt Ion: 75 Resp: 6159

Ion	Ratio	Lower	Upper
75	100		
77	36.2	21.8	40.4



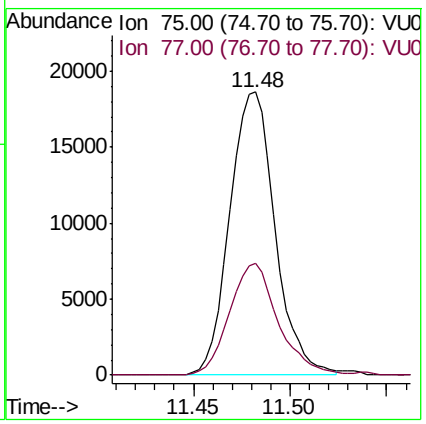


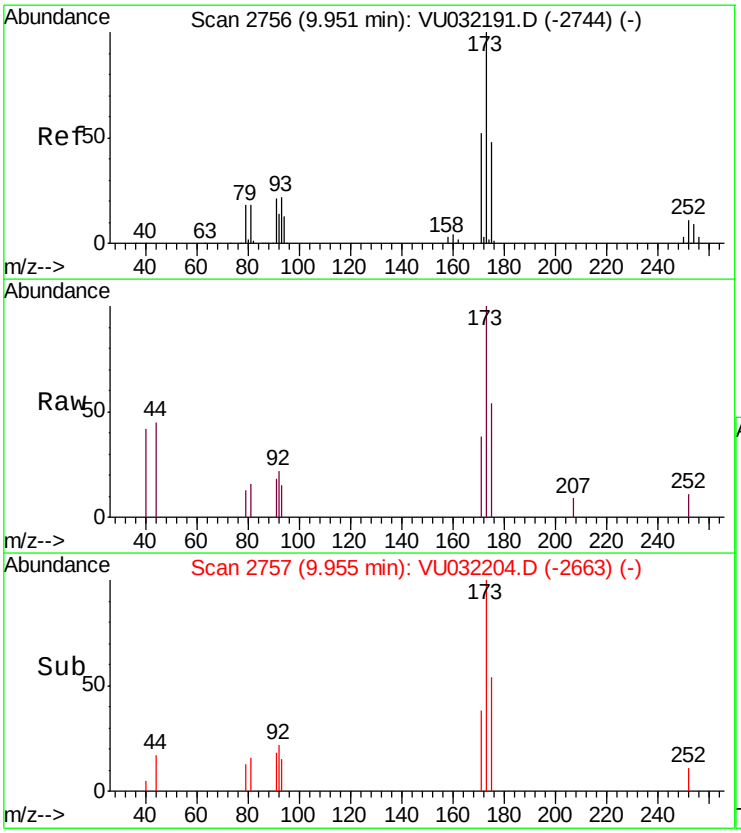
#59
1,2,3-Trichloropropane
Concen: 4.065 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032204.D
Acq: 21 May 2019 16:56

Instrument : MSVOA_U
ClientSampleId : BFHH5

Tgt Ion: 75 Resp: 30426

Ion	Ratio	Lower	Upper
75	100		
77	42.5	26.0	39.0#





#61
Bromoform
Concen: 0.636 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VU032204.D
Acq: 21 May 2019 16:56

Tgt Ion:173 Resp: 2620

Ion	Ratio	Lower	Upper
173	100		
175	31.5	38.6	57.8#
254	0.0	7.8	11.6#