Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040719\

Quantitation Report (Not Reviewed)

Data File : VU030812.D
Acq On : 06 Apr 2019 19:45
Operator : JC/SP
Sample : K2299-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6X7

Quant Time: Apr 08 05:07:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	477768	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	472394	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	193371	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	221233	51.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.74%			
7) Chloroethane-d5	1.68	69	171211	52.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.78%			
11) 1,1-Dichloroethene-d2	2.27	63	301563	39.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.18%			
21) 2-Butanone-d5	4.17	46	342715	101.39	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.39%			
24) Chloroform-d	4.64	84	318707	48.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.84%			
26) 1,2-Dichloroethane-d4	5.31	65	230997	51.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.92%			
32) Benzene-d6	5.34	84	670505	48.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.24%			
36) 1,2-Dichloropropane-d6	6.32	67	229186	48.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.98%			
41) Toluene-d8	7.56	98	574326	46.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.98%			
43) trans-1,3-Dichloropropene-	7.85	79	98374	45.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.30%			
47) 2-Hexanone-d5	8.31	63	203676	94.29	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.29%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	303762	47.65	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.30%			
64) 1,2-Dichlorobenzene-d4	11.86	152	197902	52.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.08%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2303	0.673	ug/L #	20
12) 1,1-Dichloroethene	2.26	96	2306	0.698	ug/L #	1
13) Acetone	2.31	43	6674	1.930	ug/L	98
25) Chloroform	4.67	83	20300	2.791	ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	3992	0.727	ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	24455	4.665	ug/L	90
62) 1,3-Dichlorobenzene	11.42	146	5849	0.957	ug/L	95

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

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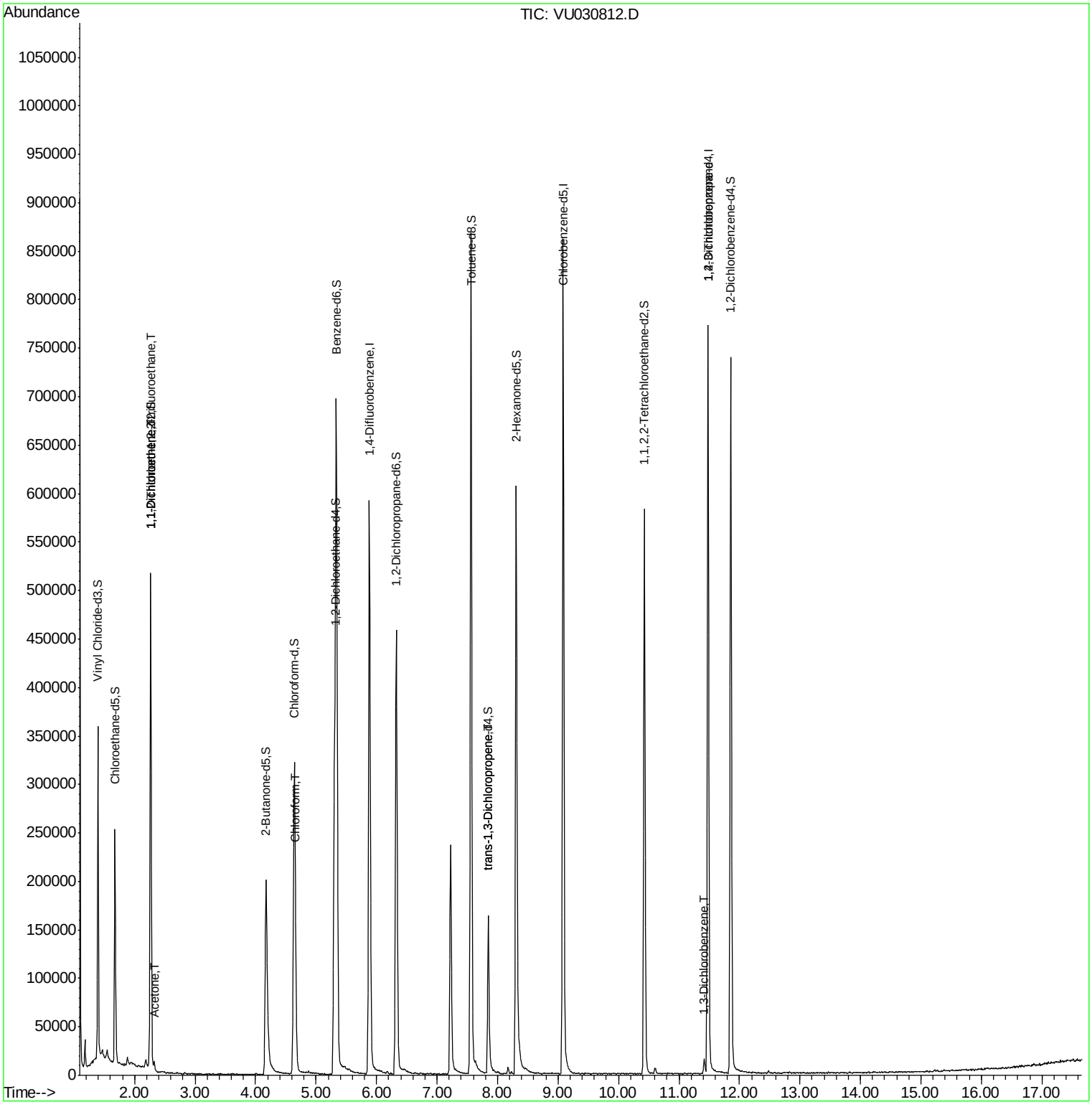
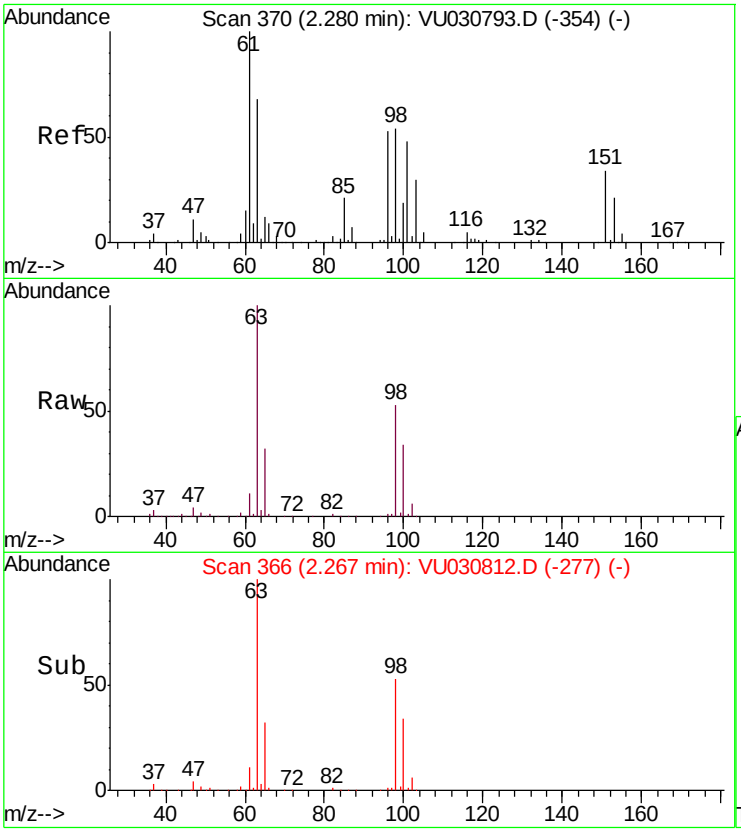
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration



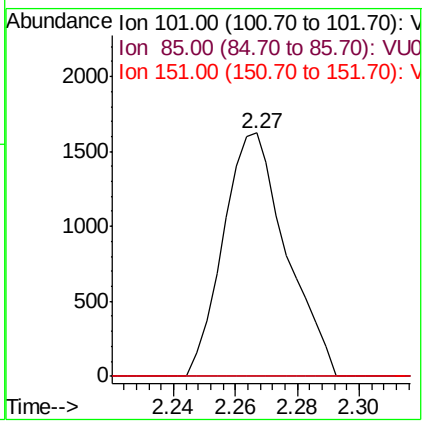


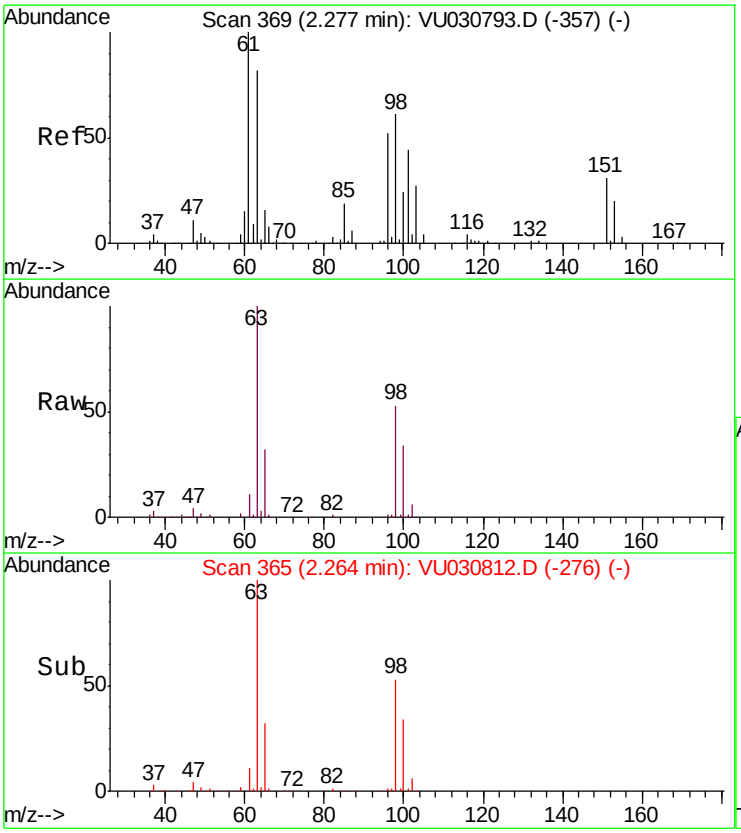
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.673 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU030812.D
Acq: 06 Apr 2019 19:45

Instrument :
MSVOA_U
ClientSampleId :
DB6X7

Tgt Ion:101 Resp: 2303

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	0.0	57.4	86.0#

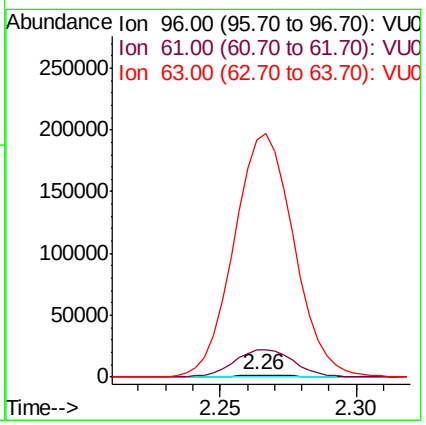


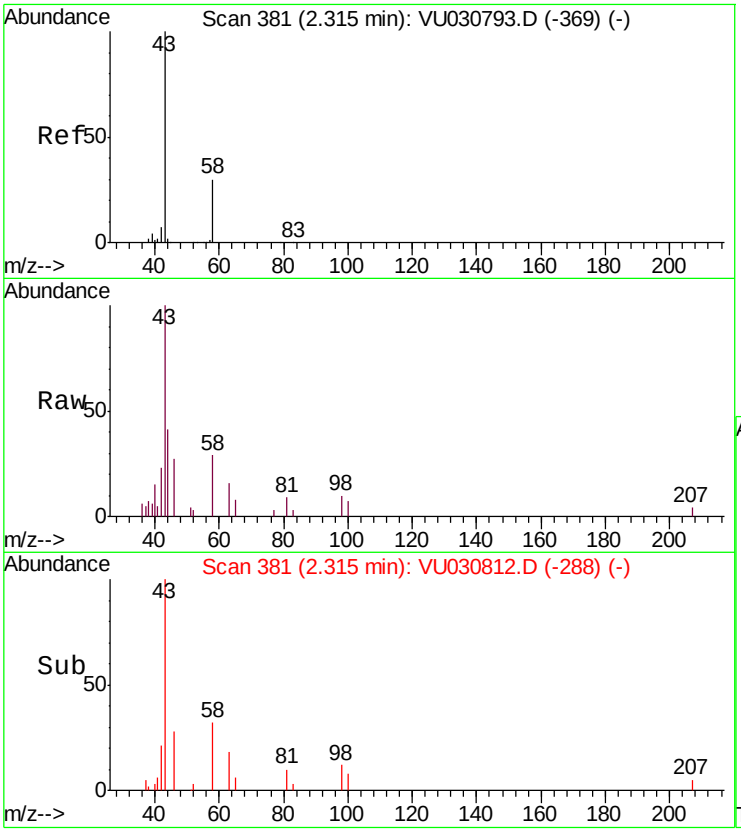


#12
1,1-Dichloroethene
Concen: 0.698 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.01 min
Lab File: VU030812.D
Acq: 06 Apr 2019 19:45

Tgt Ion: 96 Resp: 2306

Ion	Ratio	Lower	Upper
96	100		
61	1611.2	132.0	245.2#
63	14188.6	90.9	168.9#



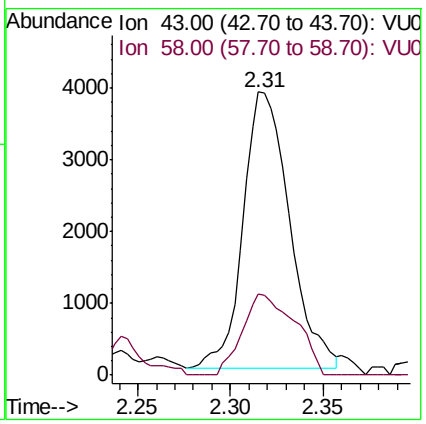


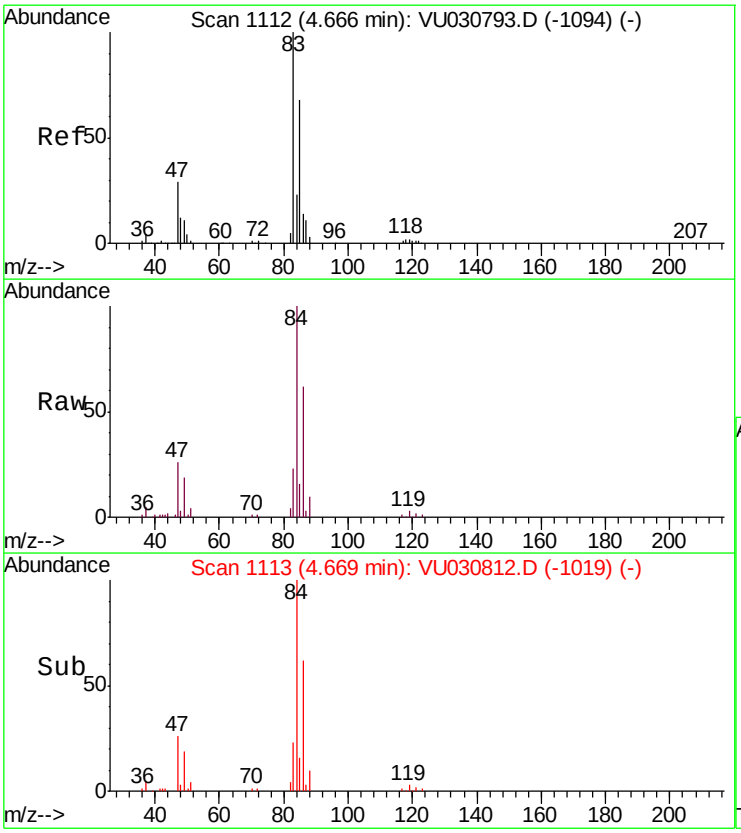
#13
Acetone
Concen: 1.930 ug/L
RT: 2.31 min Scan# 381
Delta R.T. -0.00 min
Lab File: VU030812.D
Acq: 06 Apr 2019 19:45

Instrument :
MSVOA_U
ClientSampleId :
DB6X7

Tgt Ion: 43 Resp: 6674

Ion	Ratio	Lower	Upper
43	100		
58	33.3	0.0	64.0

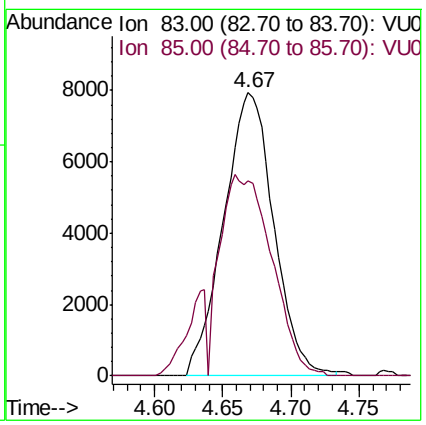


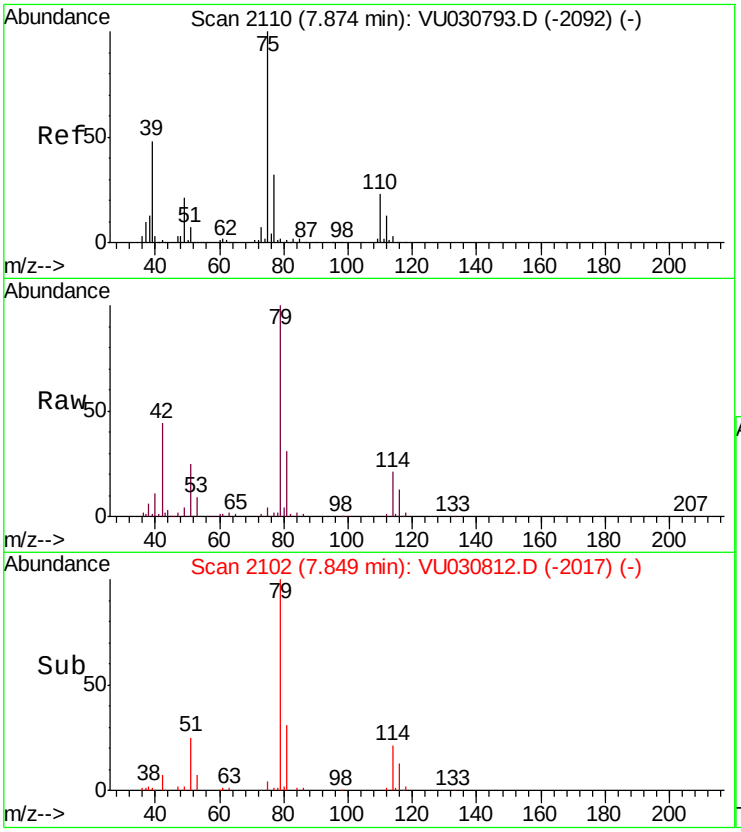


#25
Chloroform
Concen: 2.791 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU030812.D
Acq: 06 Apr 2019 19:45

Tgt Ion: 83 Resp: 20300

Ion	Ratio	Lower	Upper
83	100		
85	69.0	45.8	85.0



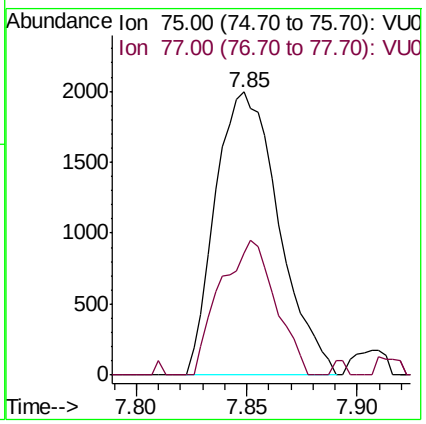


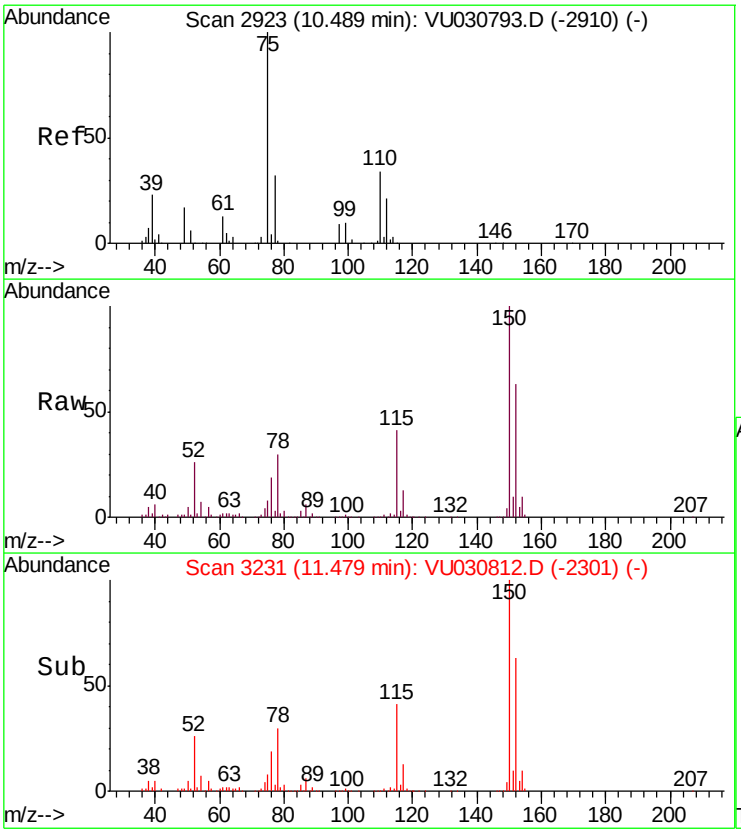
#44
trans-1,3-Dichloropropene
Concen: 0.727 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030812.D
Acq: 06 Apr 2019 19:45

Instrument :
MSVOA_U
ClientSampleId :
DB6X7

Tgt Ion: 75 Resp: 3992

Ion	Ratio	Lower	Upper
75	100		
77	43.2	21.6	40.0#

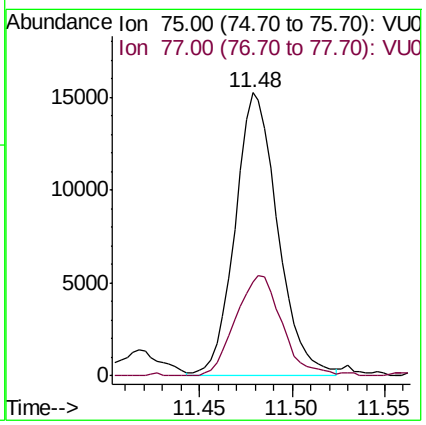


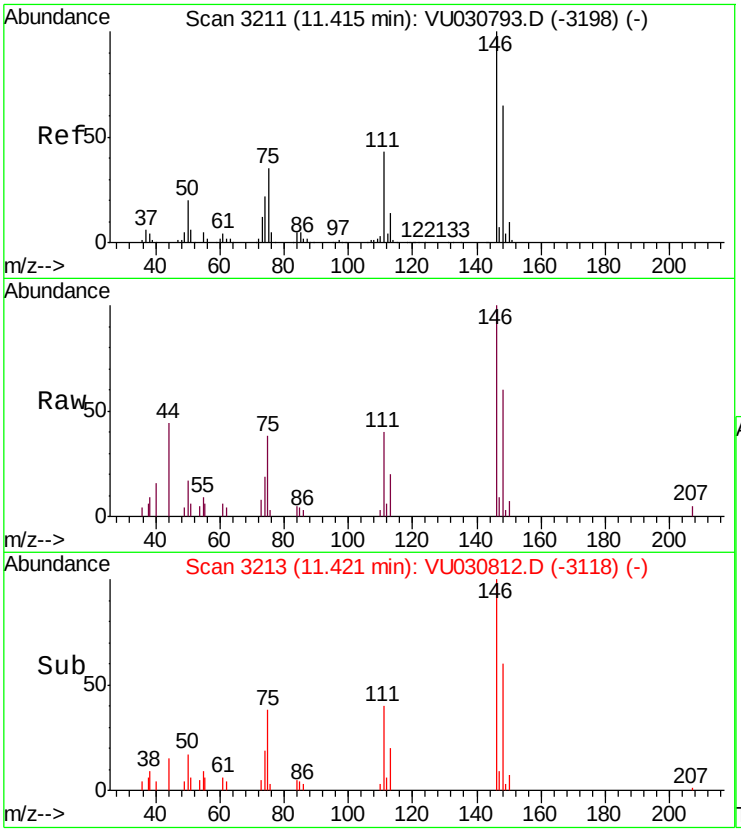


#59
1,2,3-Trichloropropane
Concen: 4.665 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030812.D
Acq: 06 Apr 2019 19:45

Tgt Ion: 75 Resp: 24455

Ion	Ratio	Lower	Upper
75	100		
77	38.2	26.1	39.1





#62
1,3-Dichlorobenzene
Concen: 0.957 ug/L
RT: 11.42 min Scan# 3213
Delta R.T. 0.01 min
Lab File: VU030812.D
Acq: 06 Apr 2019 19:45

Instrument :
MSVOA_U
ClientSampleId :
DB6X7

Tgt Ion:146 Resp: 5849

Ion	Ratio	Lower	Upper
146	100		
111	40.1	30.9	57.5
148	60.3	44.7	82.9