Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031819\

Quantitation Report (Not Reviewed)

Data File : VU030167.D
Acq On : 18 Mar 2019 12:36
Operator : JC/SP
Sample : K1936-10 200X
Misc : 5.78g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF0W8DL

Quant Time: Mar 19 02:27:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 12:44:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	483600	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	471515	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	225180	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	127449	39.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.68%			
7) Chloroethane-d5	1.68	69	116787	45.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.46%			
11) 1,1-Dichloroethene-d2	2.27	63	181064	31.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.72%			
21) 2-Butanone-d5	4.17	46	274998	114.74	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.74%			
24) Chloroform-d	4.65	84	273151	47.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.20%			
26) 1,2-Dichloroethane-d4	5.31	65	168221	50.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.50%			
32) Benzene-d6	5.34	84	566779	46.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.40%			
36) 1,2-Dichloropropane-d6	6.33	67	186542	50.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.44%			
41) Toluene-d8	7.56	98	498661	43.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.74%			
43) trans-1,3-Dichloropropene-	7.85	79	83802	46.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.14%			
47) 2-Hexanone-d5	8.31	63	225438	108.46	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.46%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	295794	51.82	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.64%			
64) 1,2-Dichlorobenzene-d4	11.86	152	219273	50.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.54%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	2079	0.654	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1831	0.604	ug/L #	1
13) Acetone	2.32	43	1412	0.504	ug/L	70
39) cis-1,3-Dichloropropene	7.23	75	4584	0.830	ug/L #	63
44) trans-1,3-Dichloropropene	7.85	75	3023	0.599	ug/L	90
46) Tetrachloroethene	8.22	164	197154	63.707	ug/L	100
59) 1,2,3-Trichloropropane	11.48	75	23396	5.062	ug/L	94

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

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Quantitation Report (Not Reviewed)

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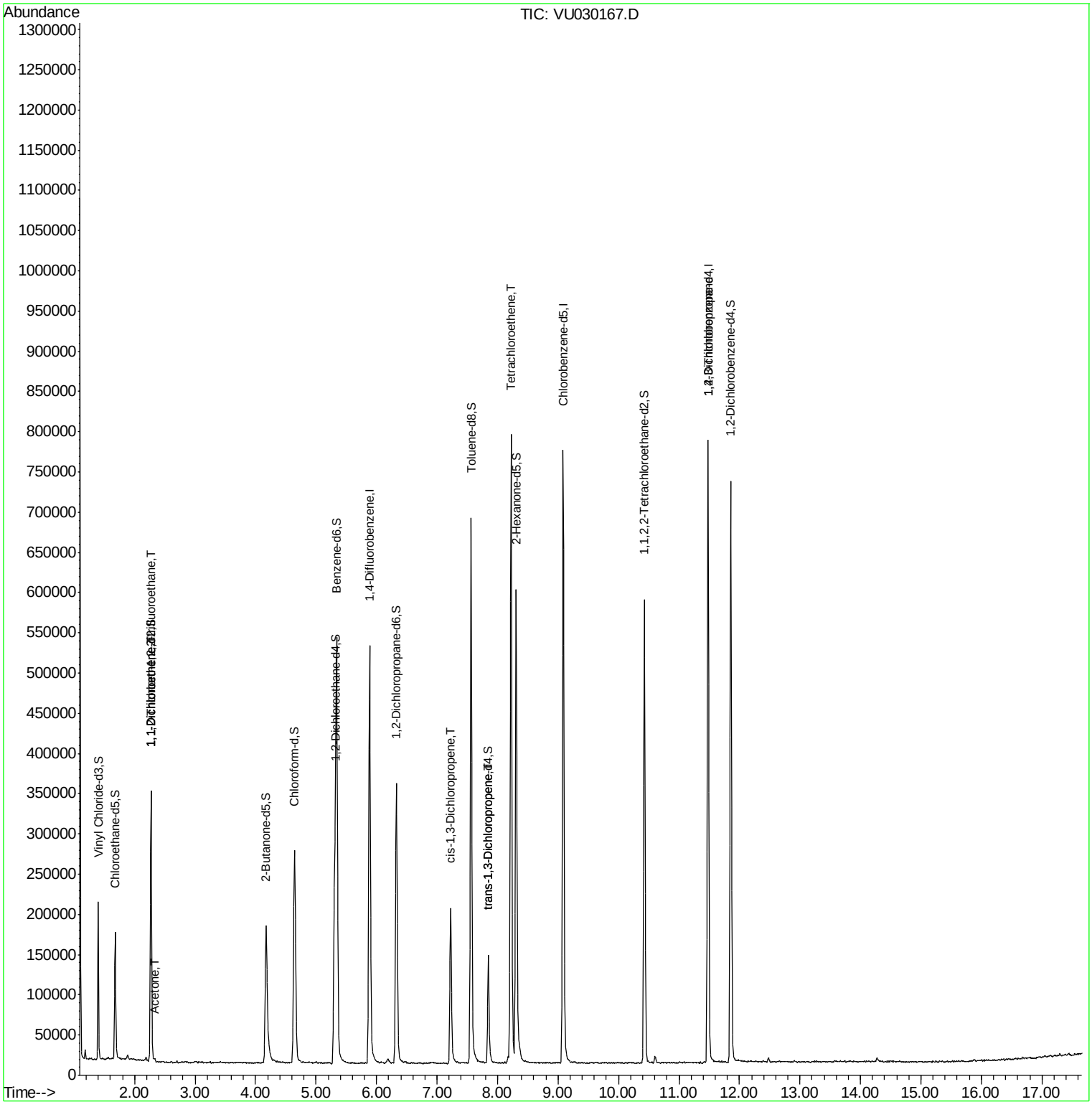
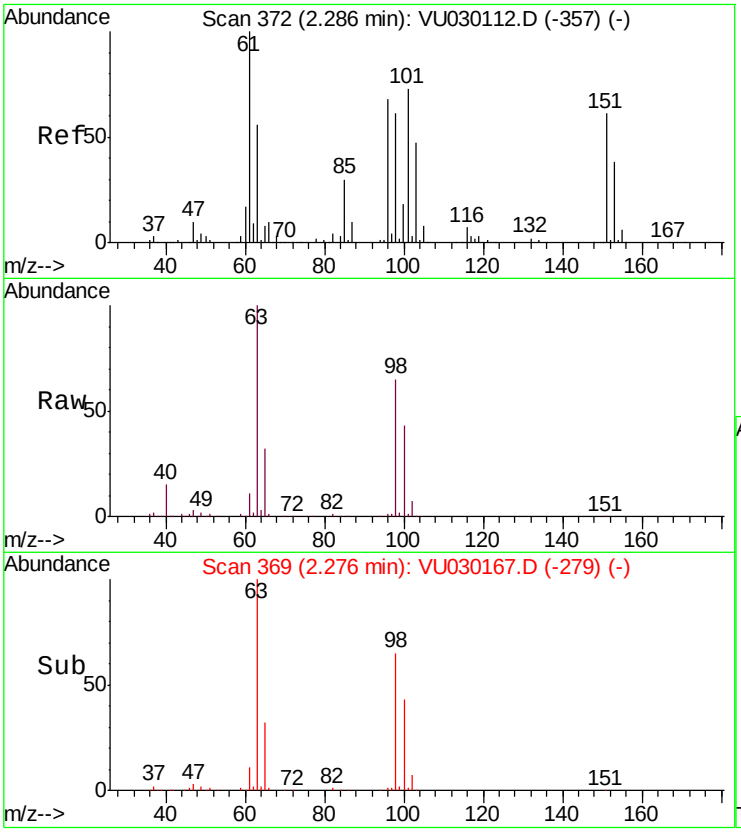
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF0W8DL

Quant Time: Mar 19 02:27:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 12:44:57 2019
Response via : Initial Calibration



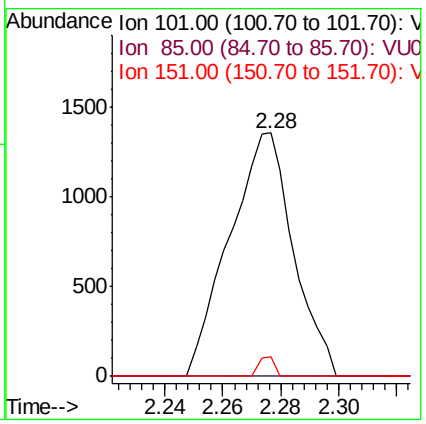


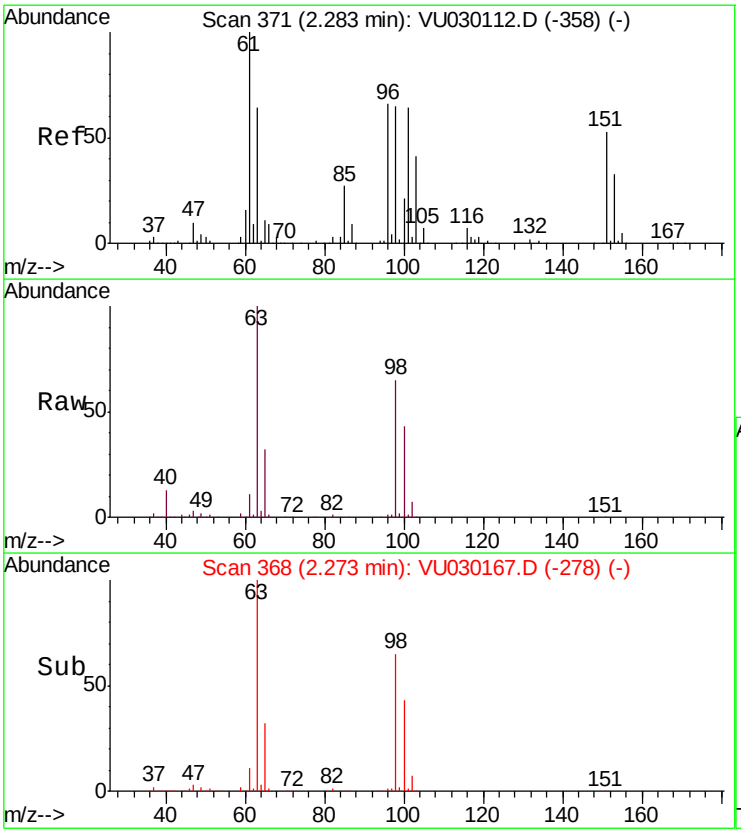
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.654 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.01 min
Lab File: VU030167.D
Acq: 18 Mar 2019 12:36

Instrument :
MSVOA_U
ClientSampleId :
BF0W8DL

Tgt Ion:101 Resp: 2079

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.0	49.4#
151	1.9	66.1	99.1#

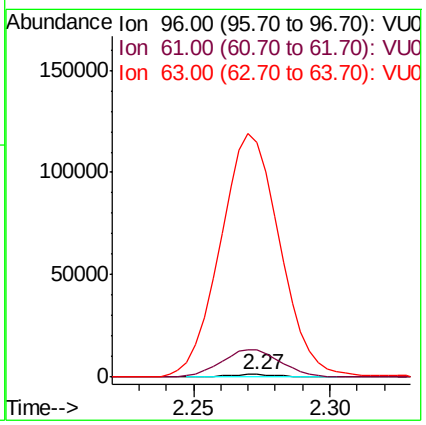


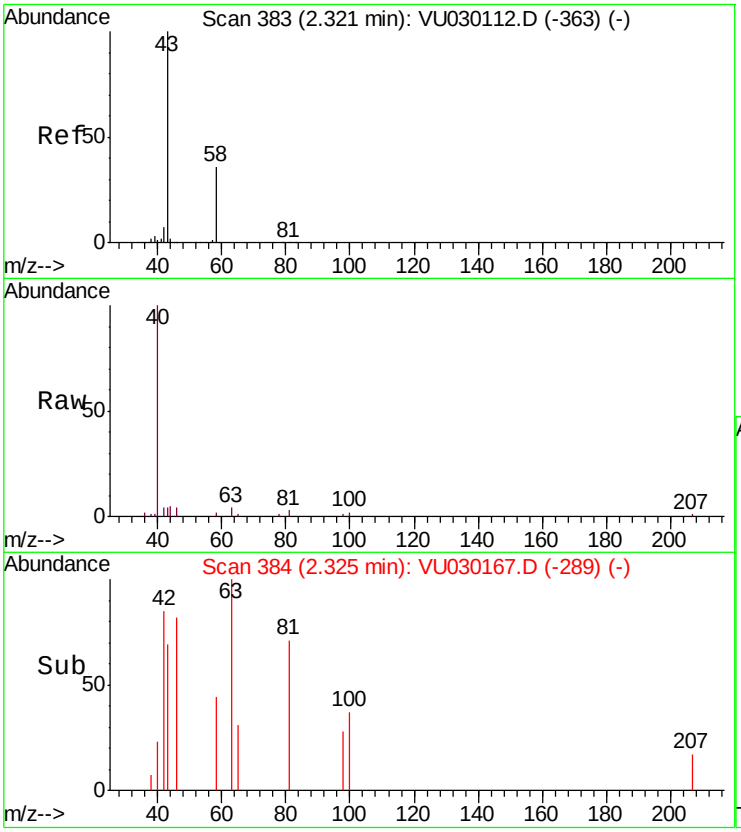


#12
1,1-Dichloroethene
Concen: 0.604 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU030167.D
Acq: 18 Mar 2019 12:36

Tgt Ion: 96 Resp: 1831

Ion	Ratio	Lower	Upper
96	100		
61	1077.0	110.4	205.0#
63	9489.0	86.5	160.7#



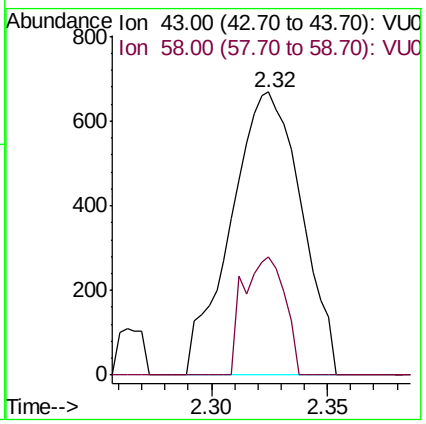


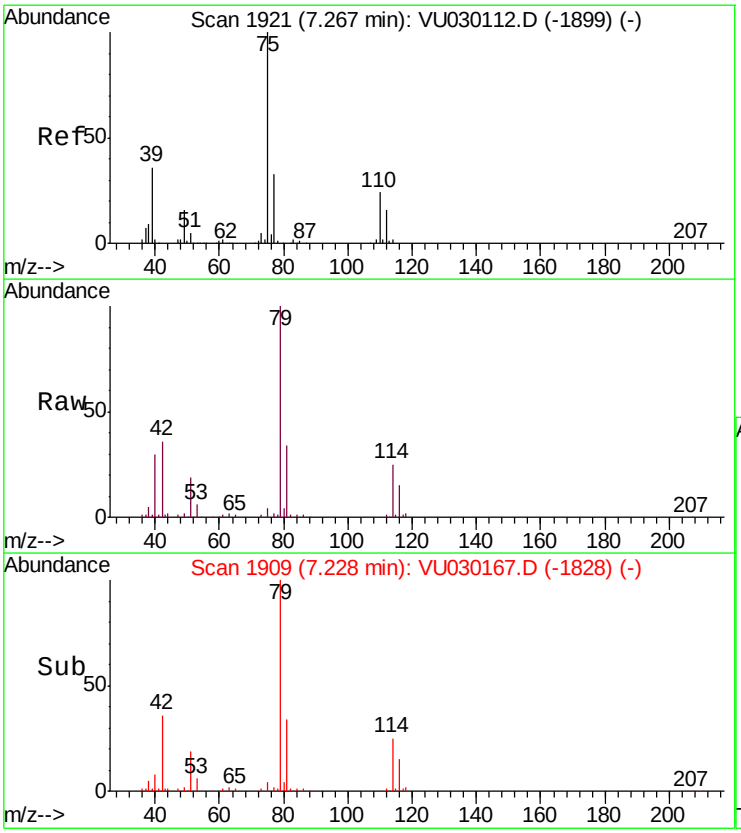
#13
Acetone
Concen: 0.504 ug/L
RT: 2.32 min Scan# 384
Delta R.T. 0.01 min
Lab File: VU030167.D
Acq: 18 Mar 2019 12:36

Instrument :
MSVOA_U
ClientSampleId :
BF0W8DL

Tgt Ion: 43 Resp: 1412

Ion	Ratio	Lower	Upper
43	100		
58	18.6	0.0	73.0

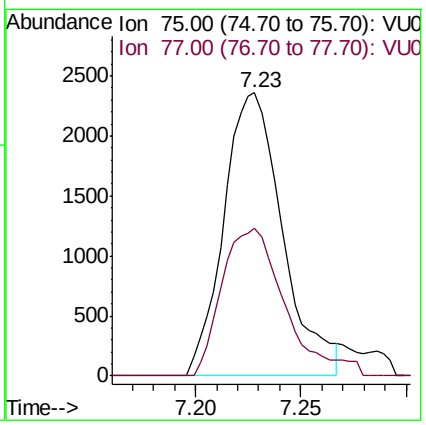


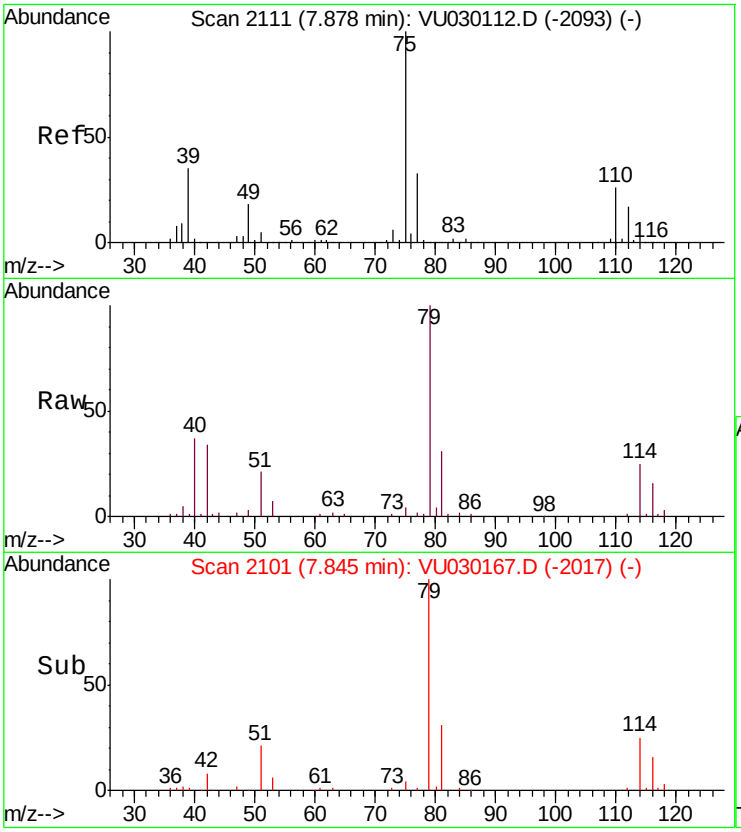


#39
cis-1,3-Dichloropropene
Concen: 0.830 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU030167.D
Acq: 18 Mar 2019 12:36

Tgt Ion: 75 Resp: 4584

Ion	Ratio	Lower	Upper
75	100		
77	52.2	22.2	41.2#



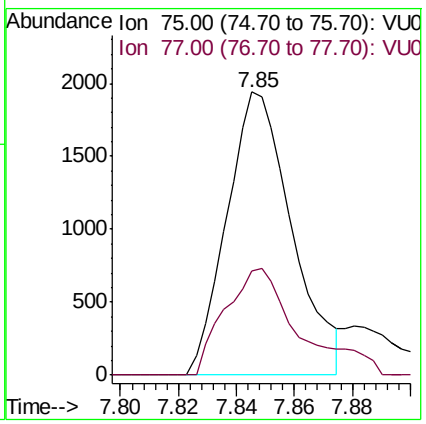


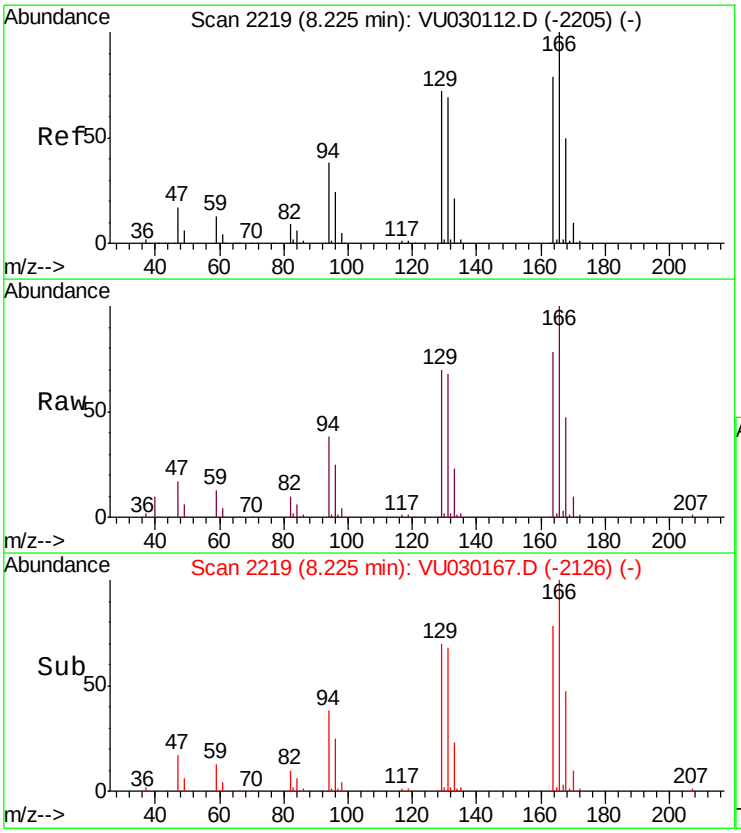
#44
trans-1,3-Dichloropropene
Concen: 0.599 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030167.D
Acq: 18 Mar 2019 12:36

Instrument : MSVOA_U
ClientSampleId : BF0W8DL

Tgt Ion: 75 Resp: 3023

Ion	Ratio	Lower	Upper
75	100		
77	36.9	21.9	40.7

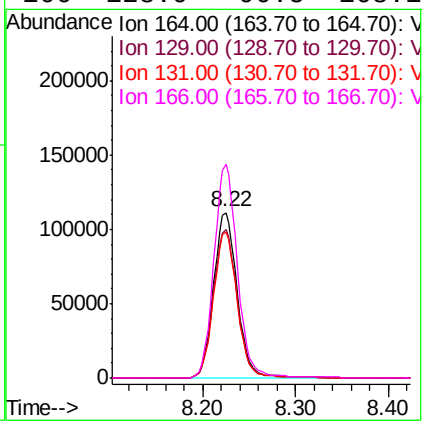


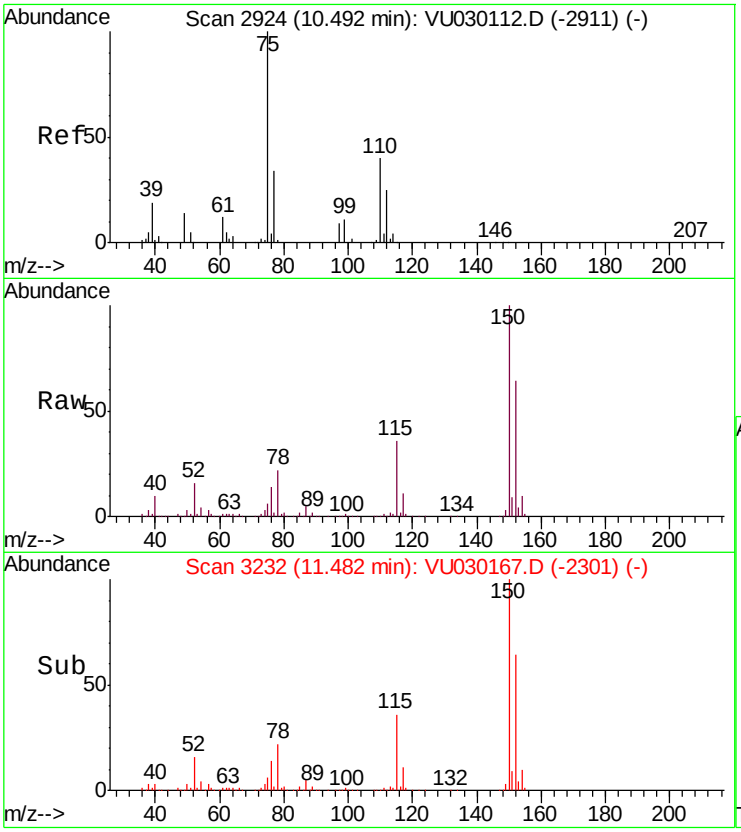


#46
Tetrachloroethene
Concen: 63.707 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030167.D
Acq: 18 Mar 2019 12:36

Tgt Ion:164 Resp: 197154

Ion	Ratio	Lower	Upper
164	100		
129	89.9	63.3	117.7
131	88.1	62.0	115.2
166	128.9	90.5	168.1





#59
1,2,3-Trichloropropane
Concen: 5.062 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030167.D
Acq: 18 Mar 2019 12:36

Instrument :
MSVOA_U
ClientSampleId :
BF0W8DL

Tgt Ion: 75 Resp: 23396

Ion	Ratio	Lower	Upper
75	100		
77	35.5	25.8	38.8