Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031719\

Quantitation Report (Not Reviewed)

Data File : VU030146.D
Acq On : 16 Mar 2019 15:36
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Quant Time: Mar 18 04:28:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 04:23:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	513205	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	498509	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	237667	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	151557	44.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.30%			
7) Chloroethane-d5	1.68	69	127963	46.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.40%			
11) 1,1-Dichloroethene-d2	2.27	63	209716	34.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.46%			
21) 2-Butanone-d5	4.17	46	262370	103.16	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.16%			
24) Chloroform-d	4.65	84	287922	47.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.56%			
26) 1,2-Dichloroethane-d4	5.31	65	174644	49.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.30%			
32) Benzene-d6	5.34	84	607198	47.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.64%			
36) 1,2-Dichloropropane-d6	6.33	67	194842	49.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.22%			
41) Toluene-d8	7.56	98	544183	45.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.58%			
43) trans-1,3-Dichloropropene-	7.85	79	85009	44.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.36%			
47) 2-Hexanone-d5	8.31	63	218010	99.21	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.21%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	300345	49.77	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.54%			
64) 1,2-Dichlorobenzene-d4	11.86	152	226717	49.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.48%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2238	0.664	ug/L #	17
12) 1,1-Dichloroethene	2.28	96	1773	0.551	ug/L #	1
39) cis-1,3-Dichloropropene	7.23	75	5095	0.873	ug/L #	54
44) trans-1,3-Dichloropropene	7.85	75	3301	0.619	ug/L	94
46) Tetrachloroethene	8.22	164	7002	2.140	ug/L	95
49) Dibromochloromethane	8.22	129	6362	1.517	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	23959	4.903	ug/L	92

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

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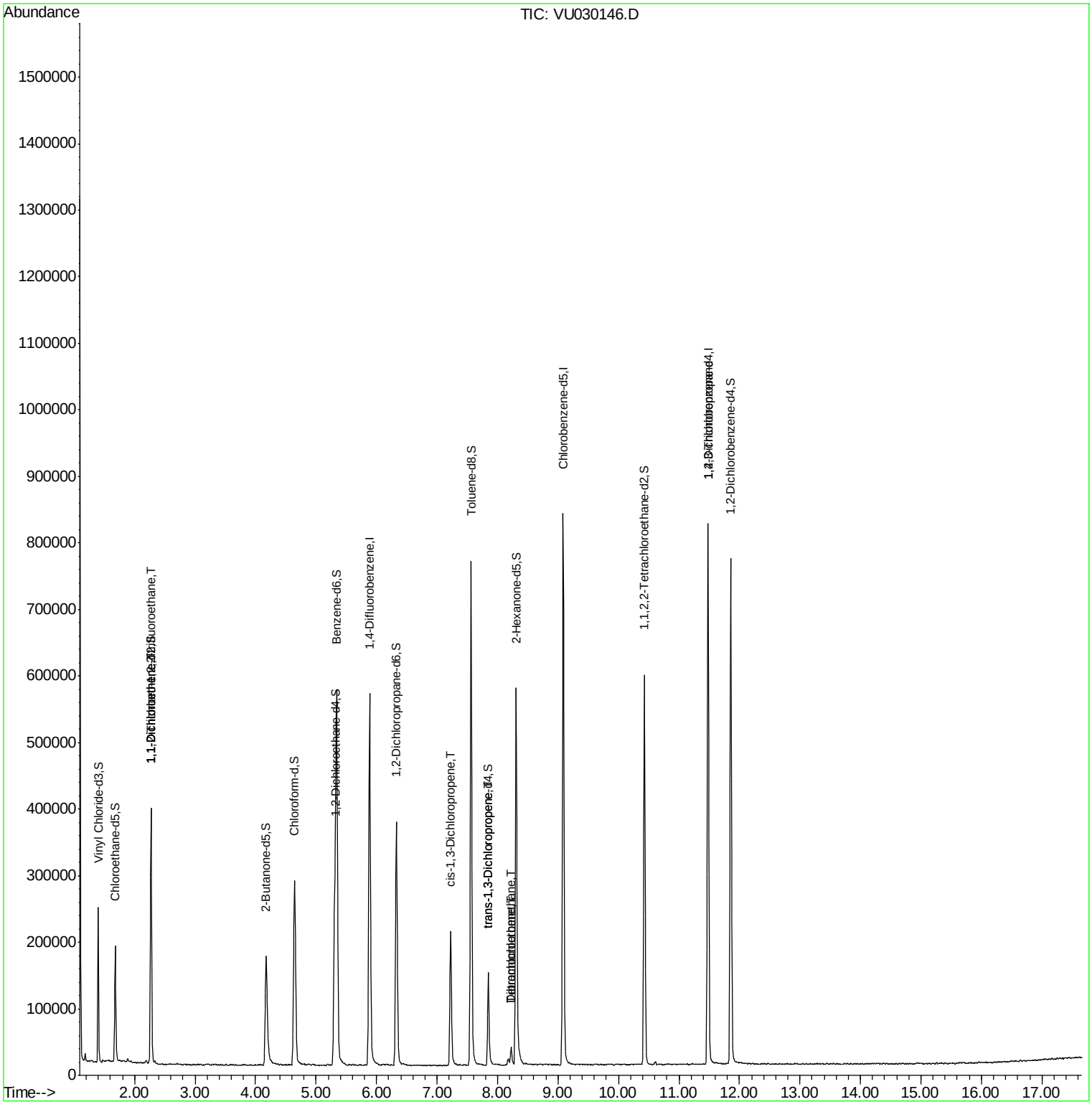
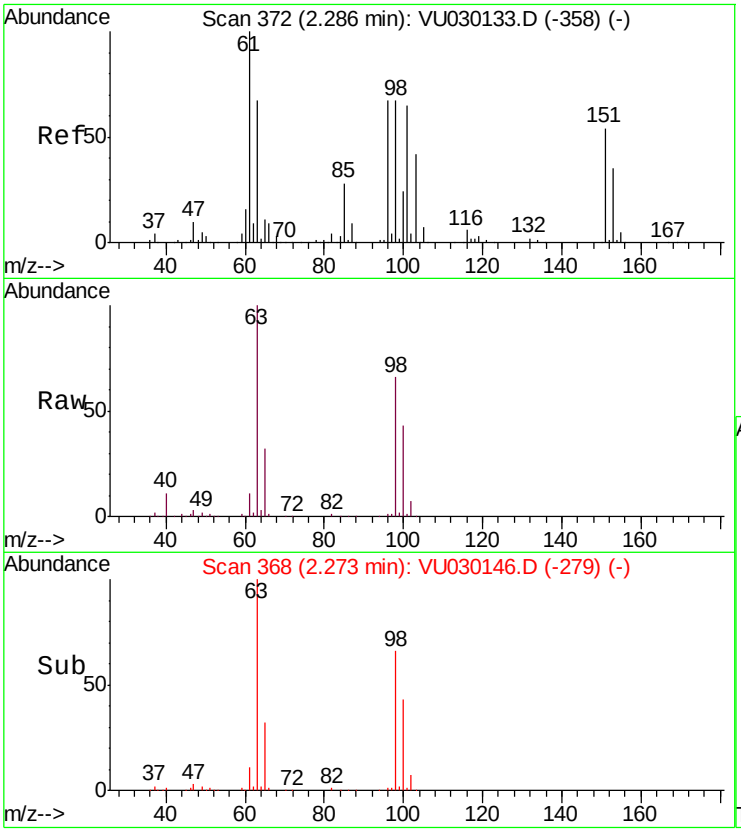
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Quant Time: Mar 18 04:28:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 04:23:56 2019
Response via : Initial Calibration



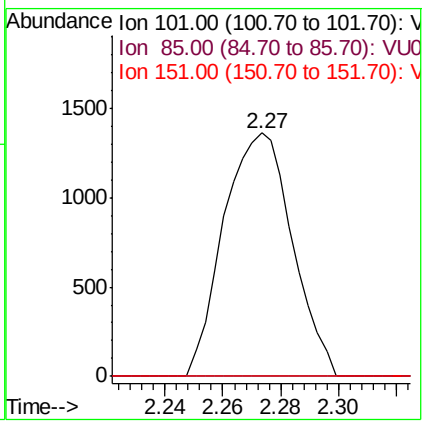


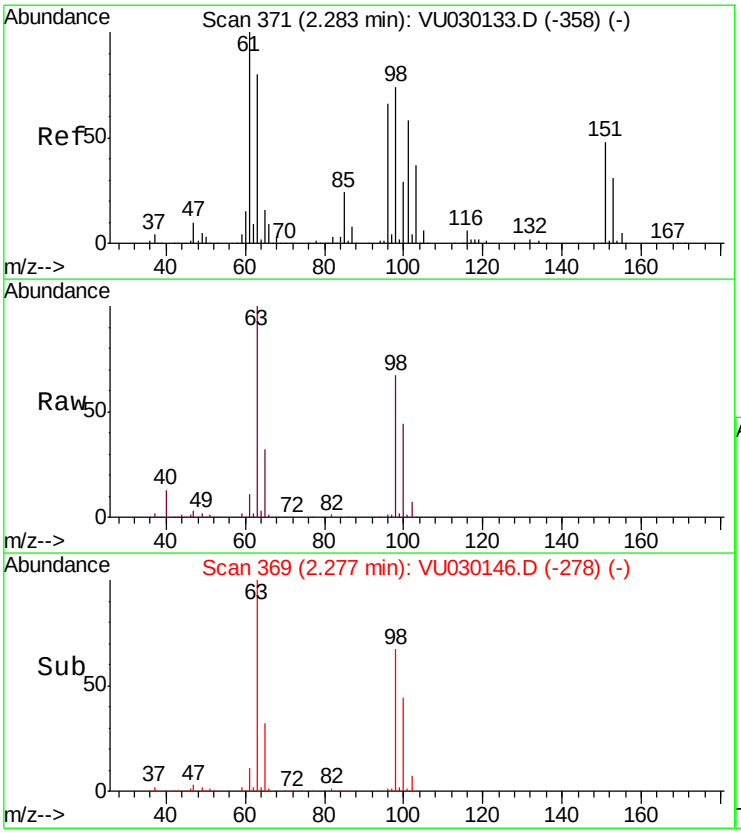
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.664 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU030146.D
Acq: 16 Mar 2019 15:36

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Tgt Ion:101 Resp: 2238

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

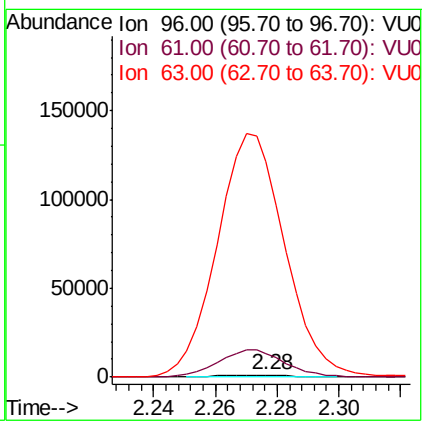


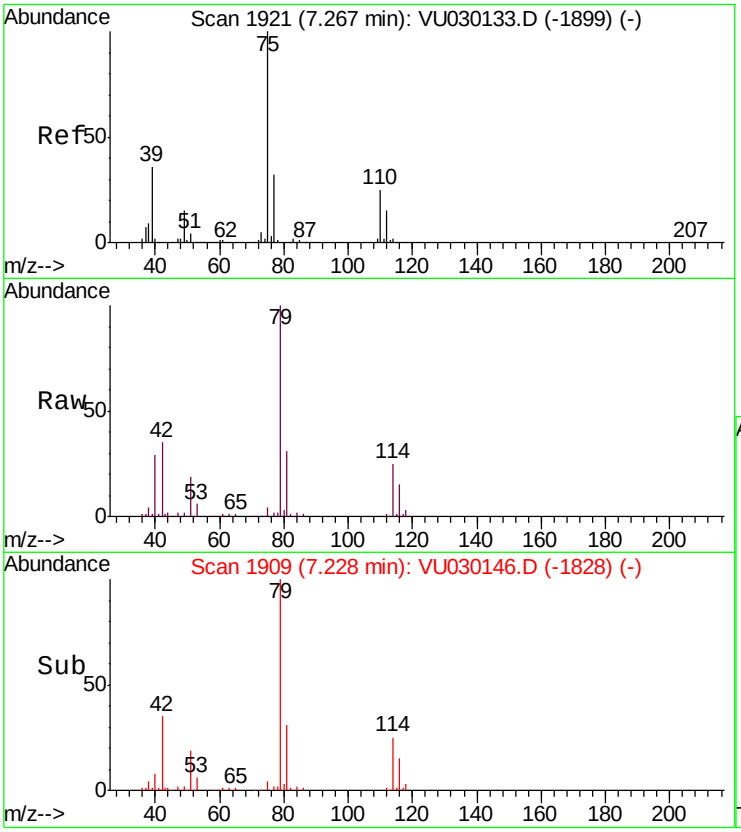


#12
1,1-Dichloroethene
Concen: 0.551 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.01 min
Lab File: VU030146.D
Acq: 16 Mar 2019 15:36

Tgt Ion: 96 Resp: 1773

Ion	Ratio	Lower	Upper
96	100		
61	1232.8	110.4	205.0#
63	11001.5	86.5	160.7#



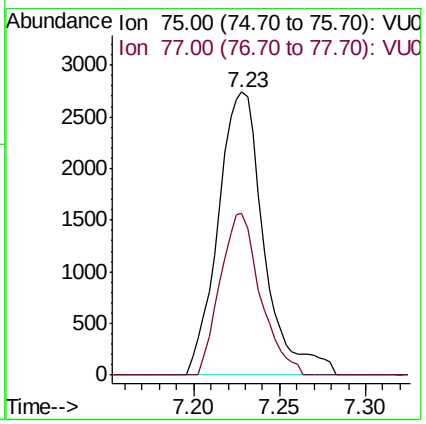


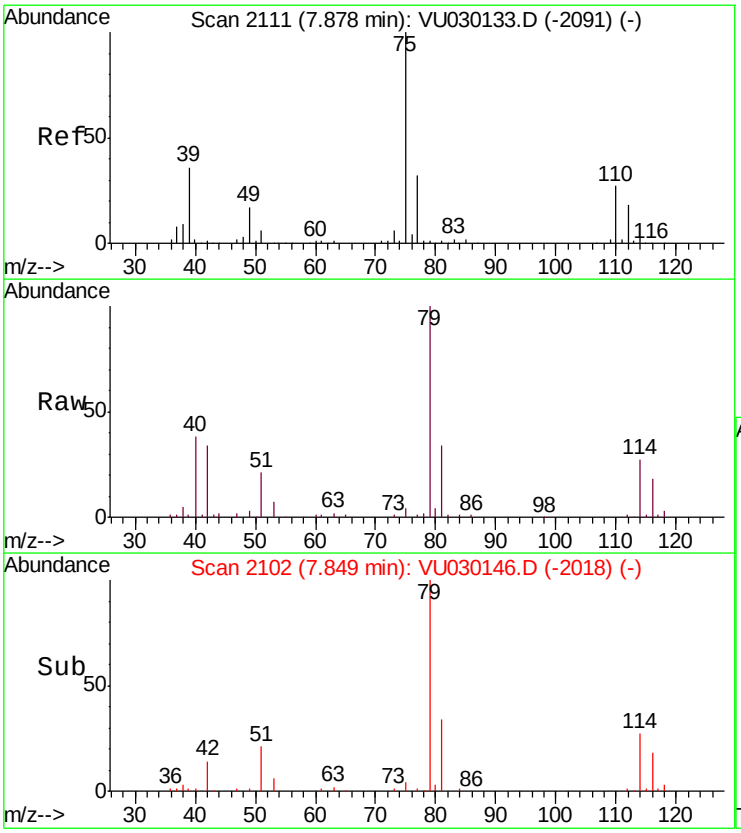
#39
cis-1,3-Dichloropropene
Concen: 0.873 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU030146.D
Acq: 16 Mar 2019 15:36

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Tgt Ion: 75 Resp: 5095

Ion	Ratio	Lower	Upper
75	100		
77	57.1	22.2	41.2#

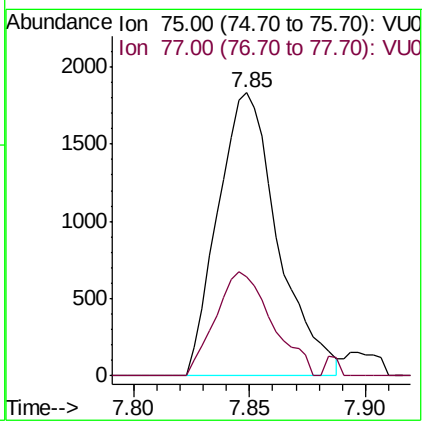


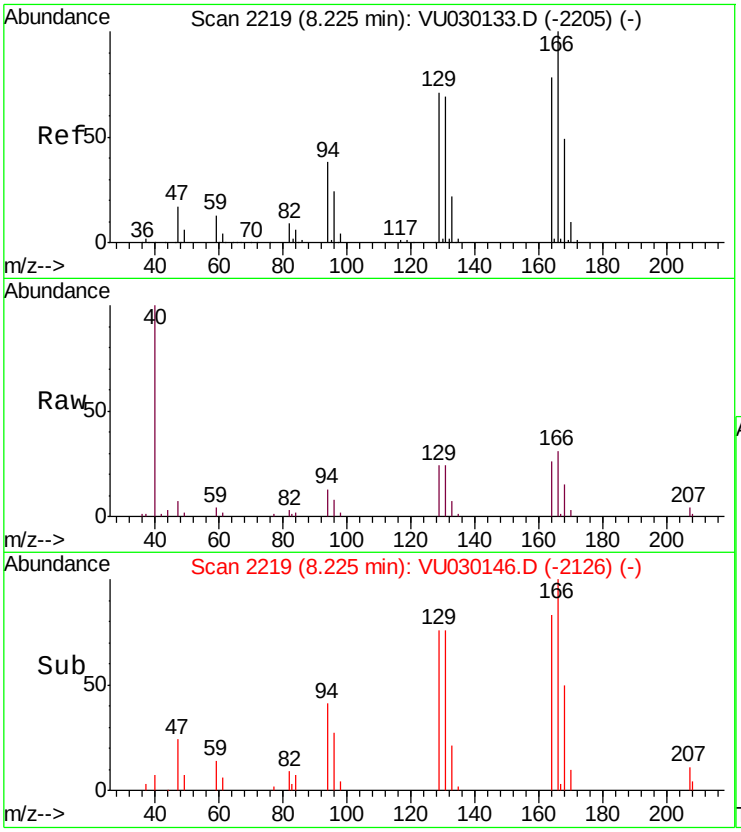


#44
trans-1,3-Dichloropropene
Concen: 0.619 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030146.D
Acq: 16 Mar 2019 15:36

Tgt Ion: 75 Resp: 3301

Ion	Ratio	Lower	Upper
75	100		
77	34.9	21.9	40.7



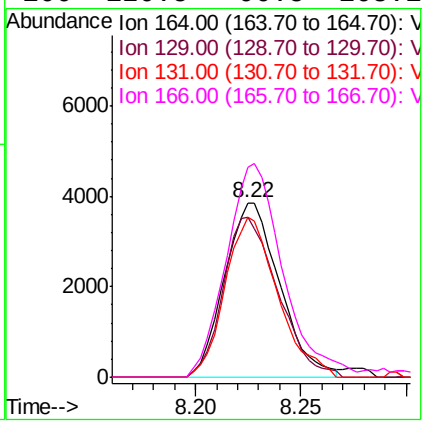


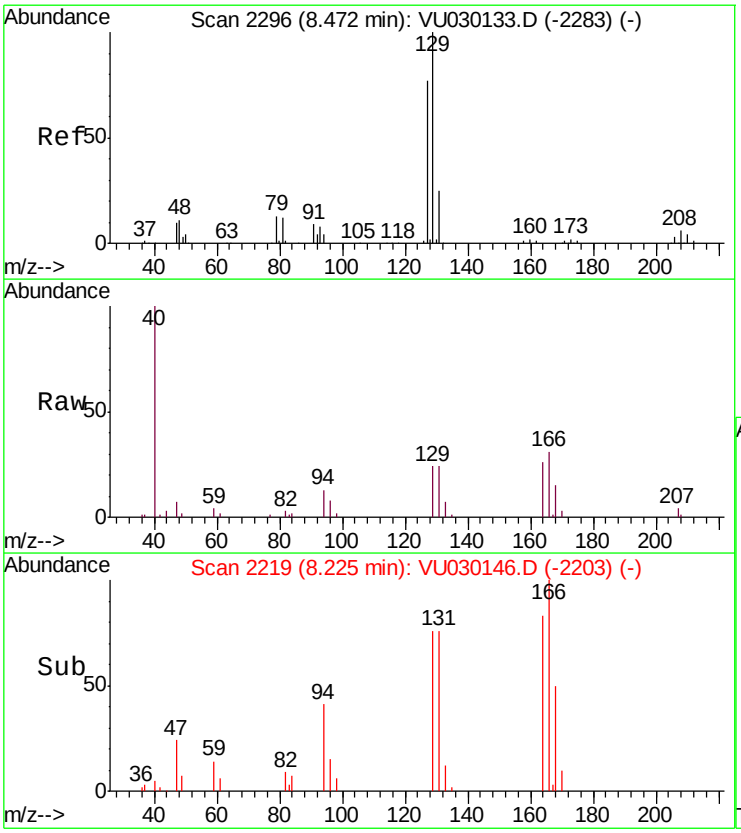
#46
Tetrachloroethene
Concen: 2.140 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030146.D
Acq: 16 Mar 2019 15:36

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Tgt Ion:164 Resp: 7002

Ion	Ratio	Lower	Upper
164	100		
129	91.7	63.3	117.7
131	91.8	62.0	115.2
166	120.5	90.5	168.1

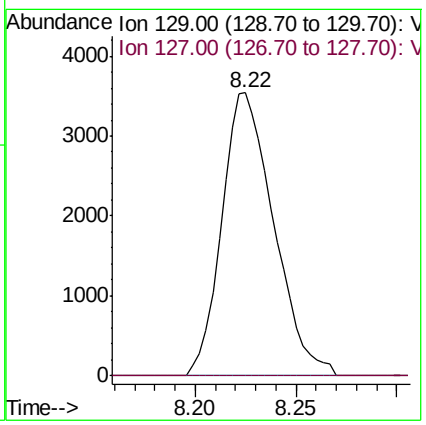


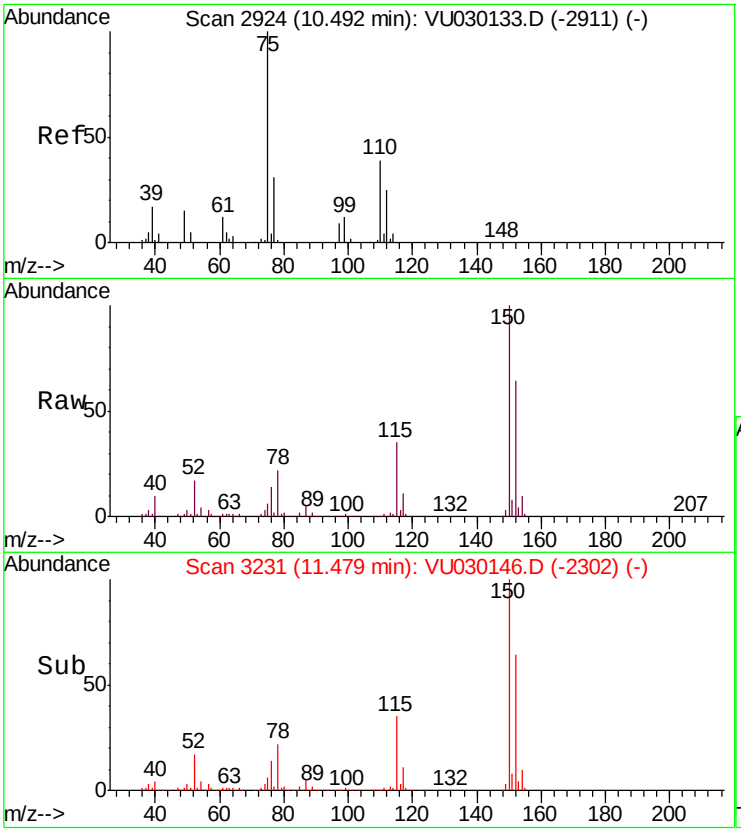


#49
Dibromochloromethane
Concen: 1.517 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU030146.D
Acq: 16 Mar 2019 15:36

Tgt Ion:129 Resp: 6362

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.4#





#59
1,2,3-Trichloropropane
Concen: 4.903 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030146.D
Acq: 16 Mar 2019 15:36

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Tgt Ion: 75 Resp: 23959

Ion	Ratio	Lower	Upper
75	100		
77	36.9	25.8	38.8