Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051119\

Quantitation Report (Not Reviewed)

Data File : VU031925.D
Acq On : 11 May 2019 12:52
Operator : JC/SP
Sample : K2705-14DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0B52DL

Quant Time: May 13 01:57:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 13 01:54:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1031190	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1006946	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	380586	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	348925	40.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.86%			
7) Chloroethane-d5	1.77	69	242	0.04	ug/L	0.10
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.08%#			
11) 1,1-Dichloroethene-d2	2.27	63	502690	29.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.50%#			
21) 2-Butanone-d5	4.17	46	655563	83.84	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 83.84%			
24) Chloroform-d	4.64	84	696292	44.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.10%			
26) 1,2-Dichloroethane-d4	5.30	65	462697	44.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.62%			
32) Benzene-d6	5.34	84	1402027	45.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.68%			
36) 1,2-Dichloropropane-d6	6.32	67	494617	45.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.94%			
41) Toluene-d8	7.56	98	1163242	43.19	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.38%			
43) trans-1,3-Dichloropropene-	7.85	79	195861	41.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.88%			
47) 2-Hexanone-d5	8.31	63	418202	88.82	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.82%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	687367	47.08	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.16%			
64) 1,2-Dichlorobenzene-d4	11.85	152	394451	49.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.56%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.27	96	4885	0.607	ug/L #	1
13) Acetone	2.32	43	11475	1.303	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	116697	12.977	ug/L	96
34) Trichloroethene	6.18	95	527925	58.828	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	7646	0.607	ug/L #	80
46) Tetrachloroethene	8.22	164	275456	45.024	ug/L	96
48) 2-Hexanone	8.31	43	54333	4.154	ug/L #	75
59) 1,2,3-Trichloropropane	11.48	75	52455	4.210	ug/L	95

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

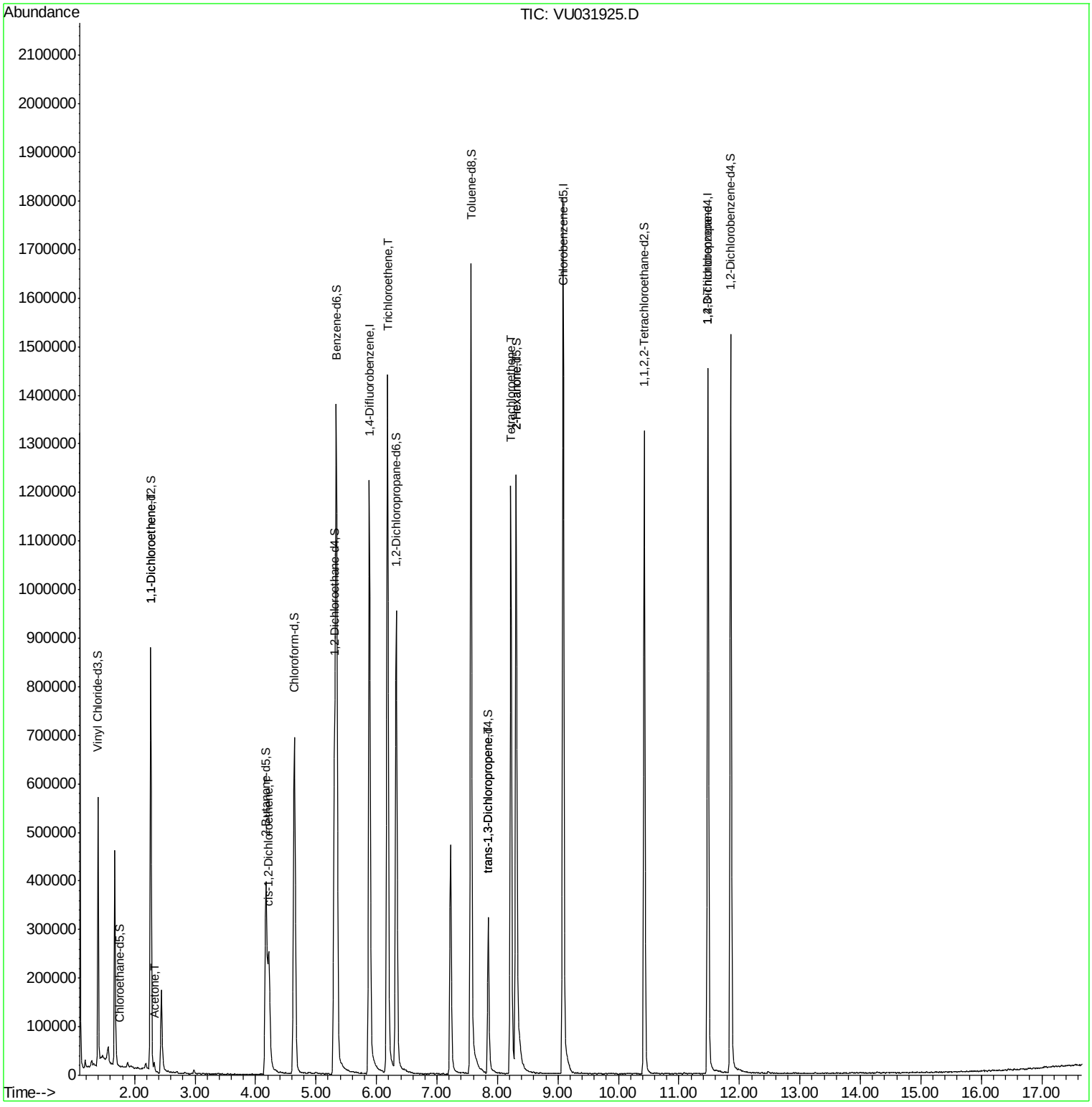
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051119\

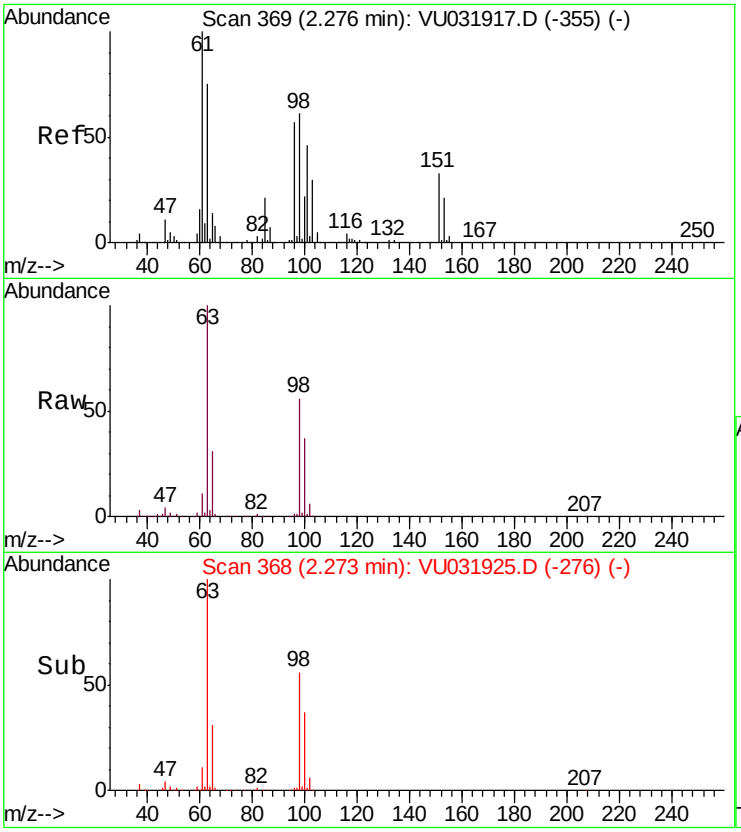
Quantitation Report (Not Reviewed)

Data File : VU031925.D
Acq On : 11 May 2019 12:52
Operator : JC/SP
Sample : K2705-14DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0B52DL

Quant Time: May 13 01:57:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 13 01:54:07 2019
Response via : Initial Calibration



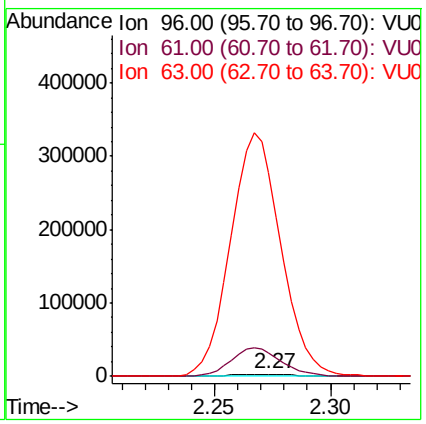


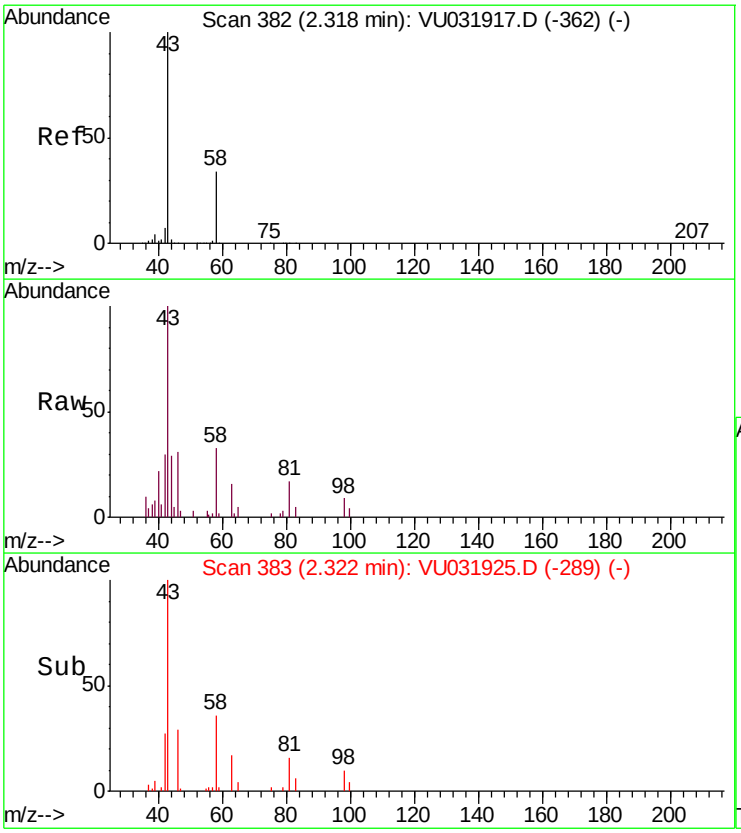
#12
1,1-Dichloroethene
Concen: 0.607 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.00 min
Lab File: VU031925.D
Acq: 11 May 2019 12:52

Instrument : MSVOA_U
ClientSampleId : C0B52DL

Tgt Ion: 96 Resp: 4885

Ion	Ratio	Lower	Upper
96	100		
61	1113.3	135.0	250.6#
63	9854.7	103.5	192.3#

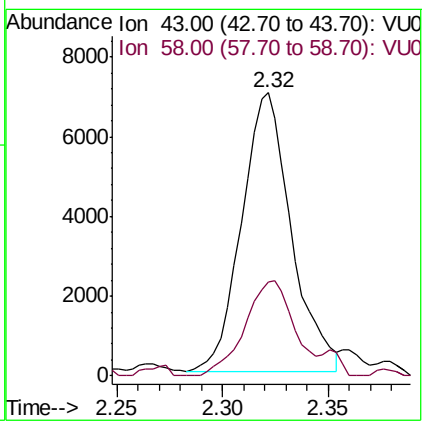


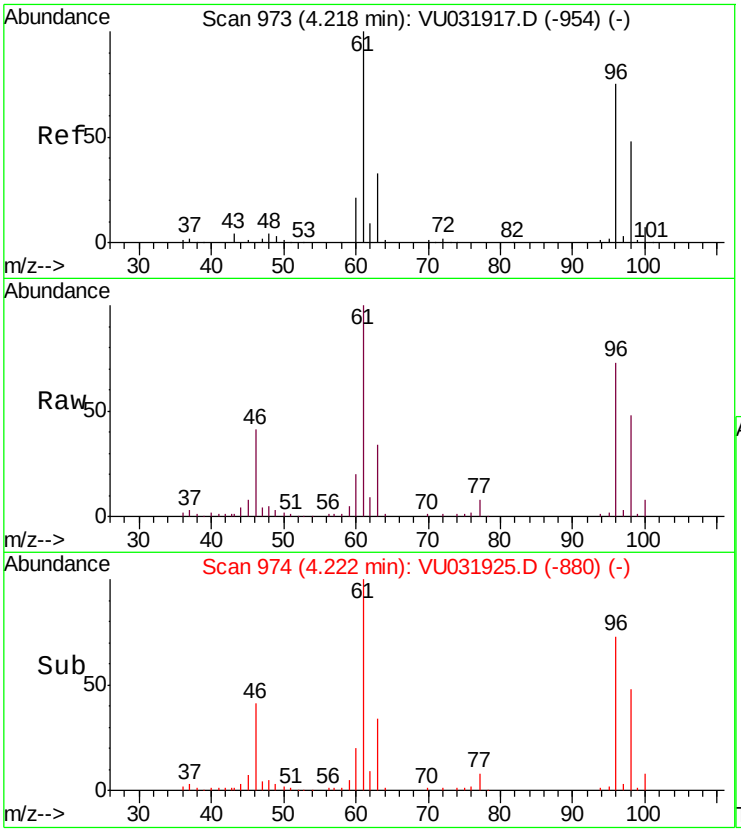


#13
Acetone
Concen: 1.303 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU031925.D
Acq: 11 May 2019 12:52

Tgt Ion: 43 Resp: 11475

Ion	Ratio	Lower	Upper
43	100		
58	33.4	0.0	64.4



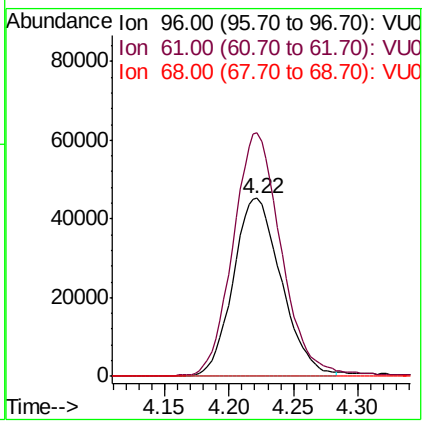


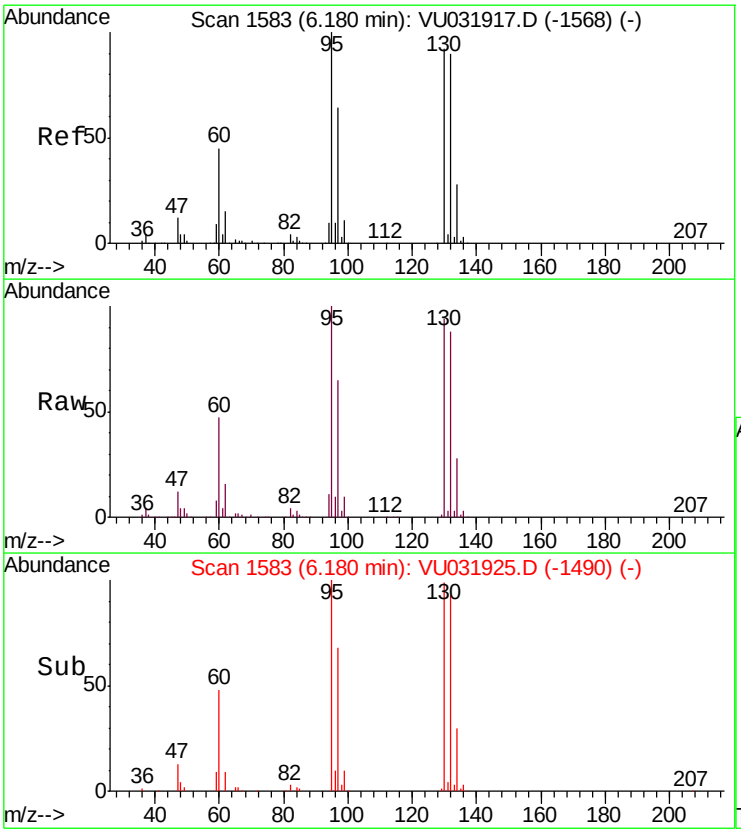
#20
cis-1,2-Dichloroethene
Concen: 12.977 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU031925.D
Acq: 11 May 2019 12:52

Instrument :
MSVOA_U
ClientSampleId :
C0B52DL

Tgt Ion: 96 Resp: 116697

Ion	Ratio	Lower	Upper
96	100		
61	136.8	99.5	184.7
68	0.0	0.0	0.0

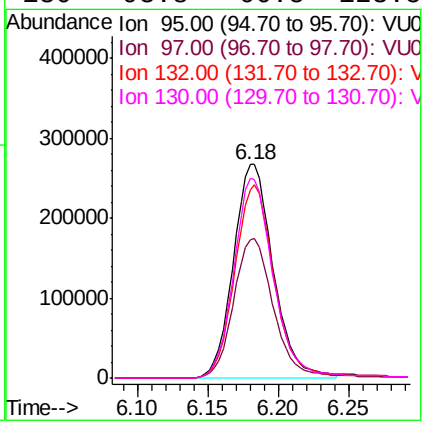


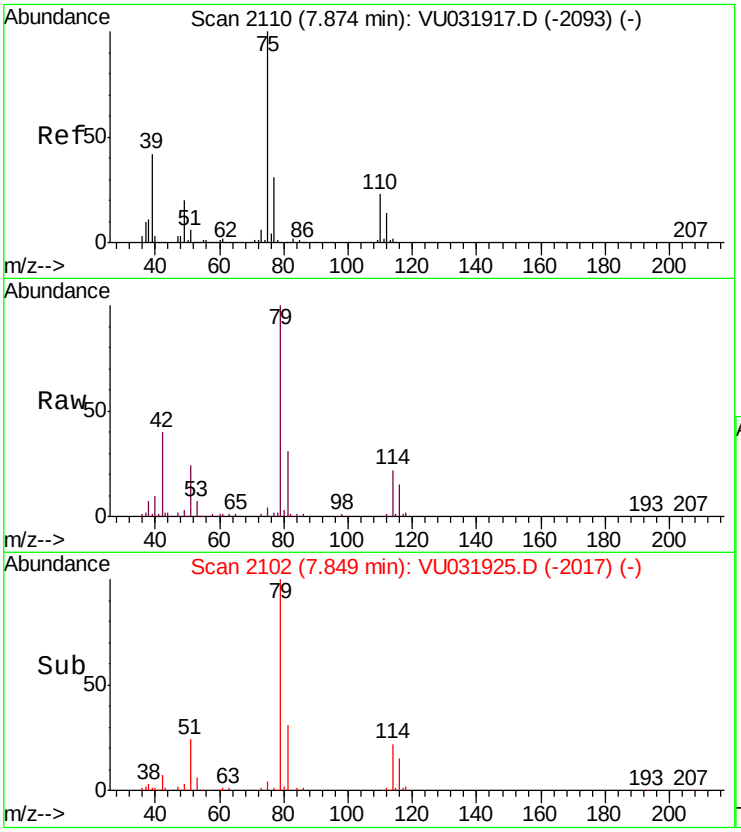


#34
Trichloroethene
Concen: 58.828 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU031925.D
Acq: 11 May 2019 12:52

Tgt Ion: 95 Resp: 527925

Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.8	83.2
132	88.3	63.1	117.1
130	93.8	66.5	123.5



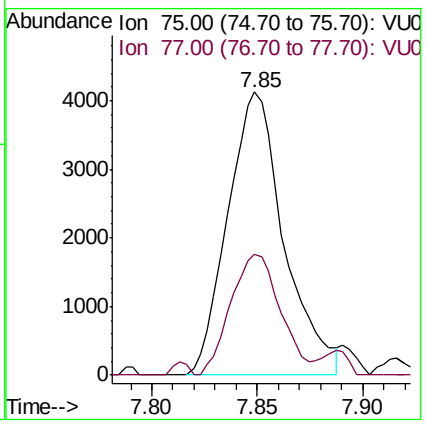


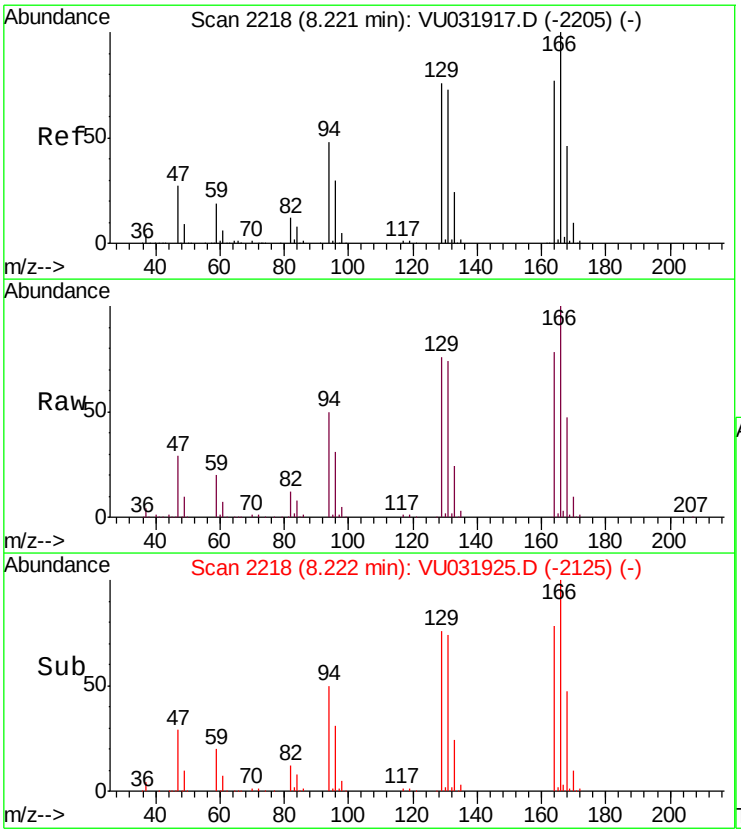
#44
trans-1,3-Dichloropropene
Concen: 0.607 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031925.D
Acq: 11 May 2019 12:52

Instrument : MSVOA_U
ClientSampleId : C0B52DL

Tgt Ion: 75 Resp: 7646

Ion	Ratio	Lower	Upper
75	100		
77	42.8	22.1	41.1#

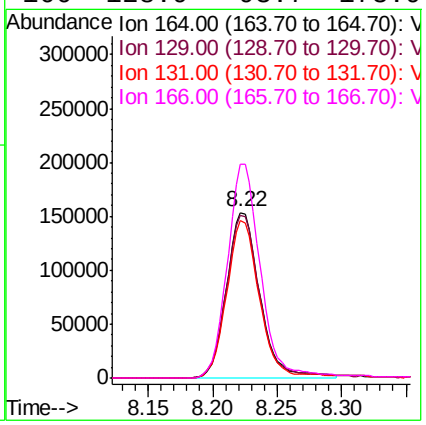


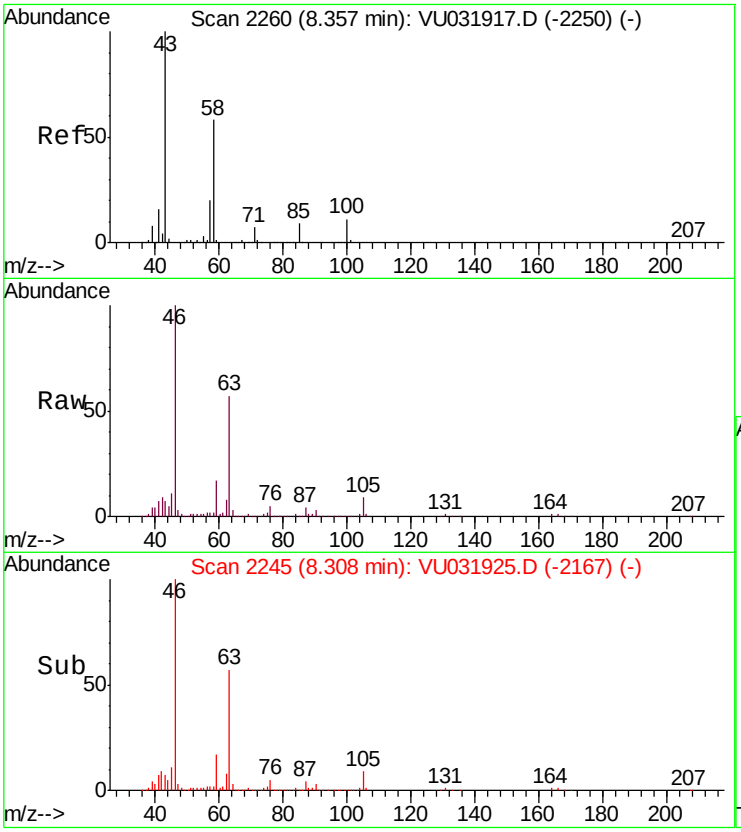


#46
Tetrachloroethene
Concen: 45.024 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU031925.D
Acq: 11 May 2019 12:52

Tgt Ion:164 Resp: 275456

Ion	Ratio	Lower	Upper
164	100		
129	98.0	71.5	132.9
131	94.9	69.0	128.2
166	128.9	93.7	173.9



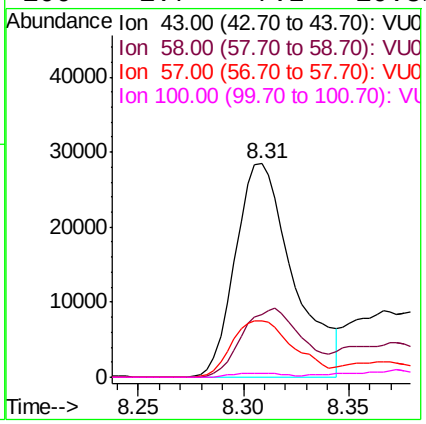


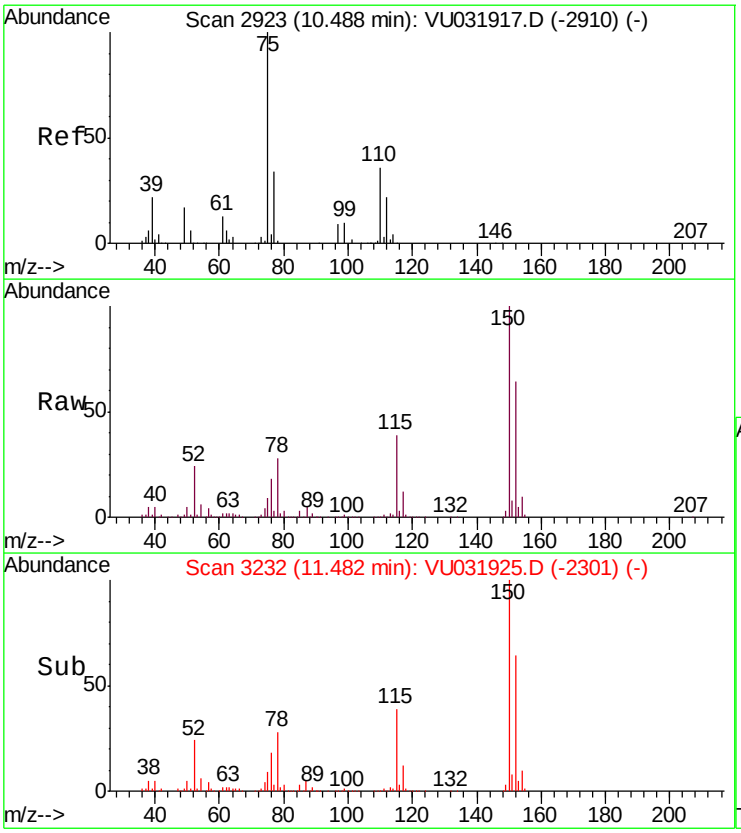
#48
2-Hexanone
Concen: 4.154 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU031925.D
Acq: 11 May 2019 12:52

Instrument : MSVOA_U
ClientSampleId : C0B52DL

Tgt Ion: 43 Resp: 54333

Ion	Ratio	Lower	Upper
43	100		
58	34.2	42.1	63.1#
57	28.5	14.6	22.0#
100	1.7	7.2	10.8#





#59
1,2,3-Trichloropropane
Concen: 4.210 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU031925.D
Acq: 11 May 2019 12:52

Tgt Ion: 75 Resp: 52455

Ion	Ratio	Lower	Upper
75	100		
77	35.0	25.9	38.9