Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042319\

Quantitation Report (Not Reviewed)

Data File : VU031405.D
Acq On : 22 Apr 2019 21:19
Operator : JC/SP
Sample : VU0423MBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK40

Quant Time: Apr 23 04:06:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 04:02:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	706458	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	638106	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	268164	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	279017	48.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.48%			
7) Chloroethane-d5	1.68	69	214899	49.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.60%			
11) 1,1-Dichloroethene-d2	2.27	63	374701	37.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.26%			
21) 2-Butanone-d5	4.19	46	413747	96.68	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.68%			
24) Chloroform-d	4.64	84	429528	47.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.18%			
26) 1,2-Dichloroethane-d4	5.31	65	262436	48.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.06%			
32) Benzene-d6	5.34	84	937460	50.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.72%			
36) 1,2-Dichloropropane-d6	6.32	67	296437	49.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.94%			
41) Toluene-d8	7.56	98	801525	48.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.36%			
43) trans-1,3-Dichloropropene-	7.85	79	130424	48.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.50%			
47) 2-Hexanone-d5	8.31	63	303503	102.12	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.12%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	402816	50.06	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.12%			
64) 1,2-Dichlorobenzene-d4	11.86	152	285126	52.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.02%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3930	0.898	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	3028	0.704	ug/L #	1
34) Trichloroethene	6.19	95	2599	0.531	ug/L #	72
39) cis-1,3-Dichloropropene	7.22	75	7501	1.019	ug/L	90
44) trans-1,3-Dichloropropene	7.85	75	4653	0.733	ug/L	93
48) 2-Hexanone	8.31	43	34118	5.850	ug/L #	70
69) Naphthalene	13.79	128	6060	0.375	ug/L #	82

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

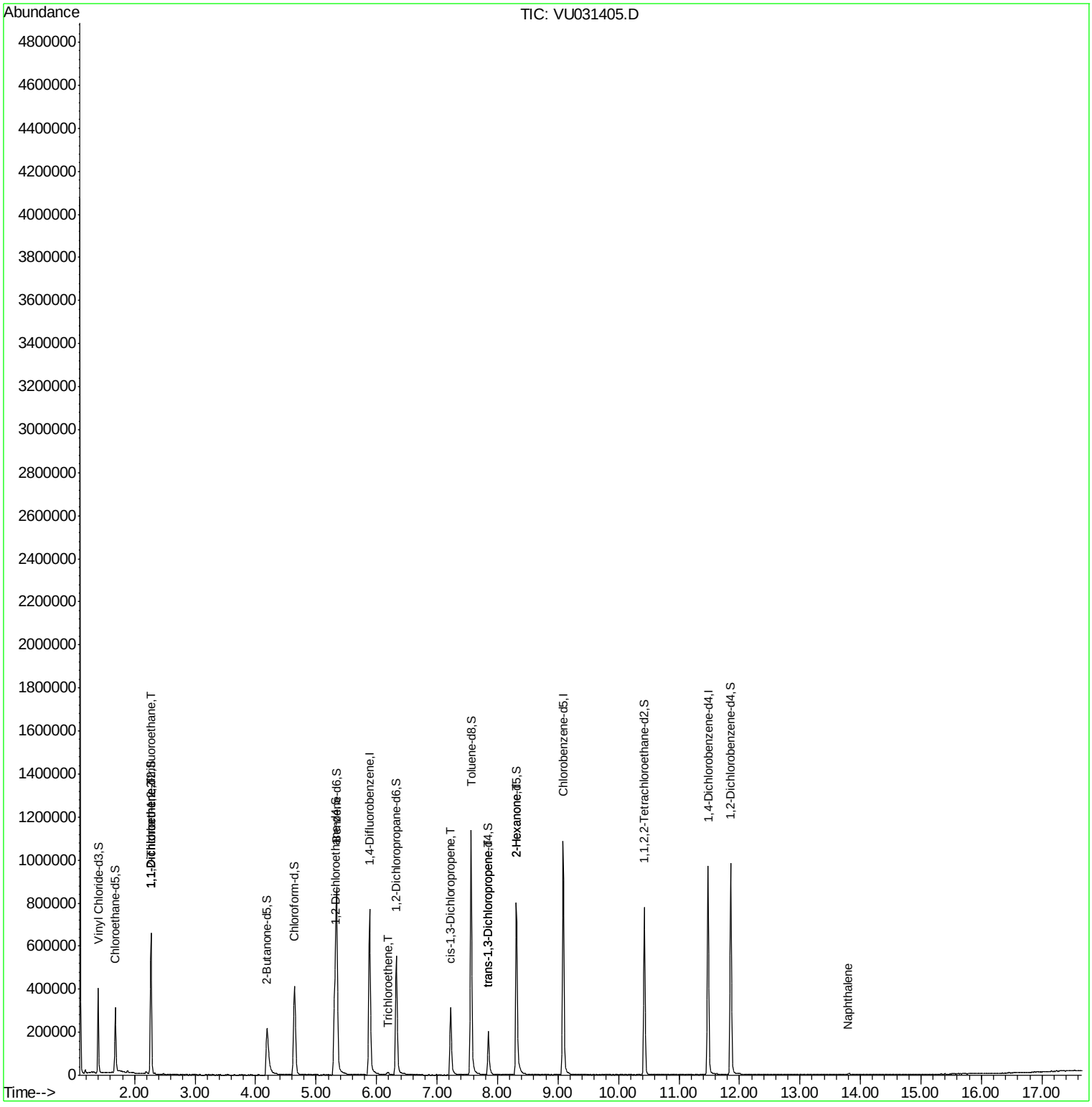
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042319\

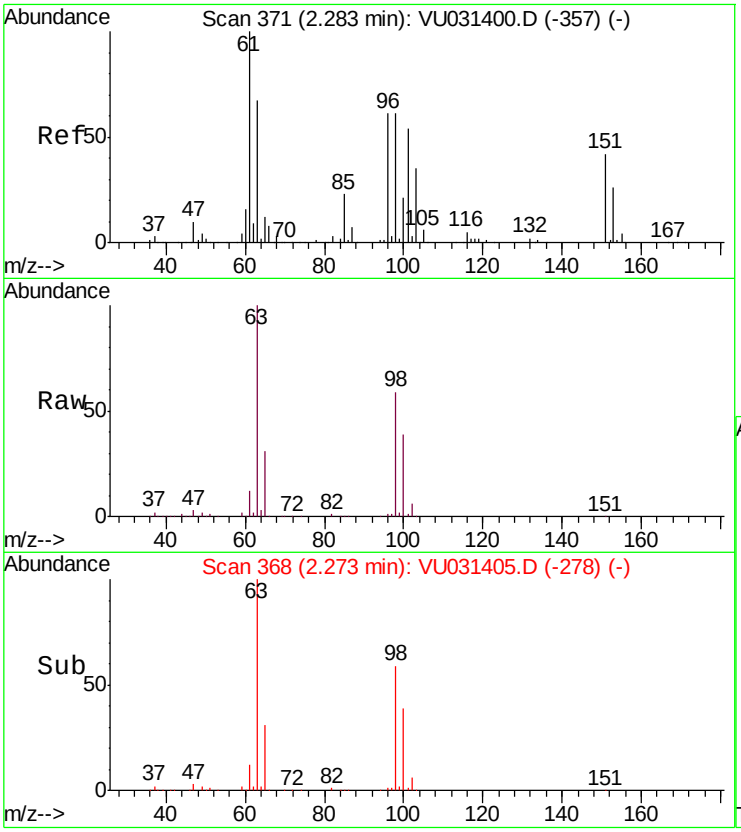
Quantitation Report (Not Reviewed)

Data File : VU031405.D
Acq On : 22 Apr 2019 21:19
Operator : JC/SP
Sample : VU0423MBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK40

Quant Time: Apr 23 04:06:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 04:02:06 2019
Response via : Initial Calibration



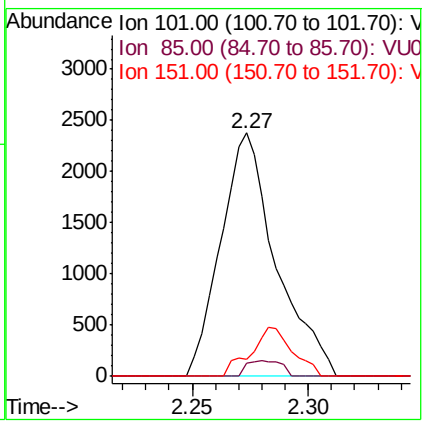


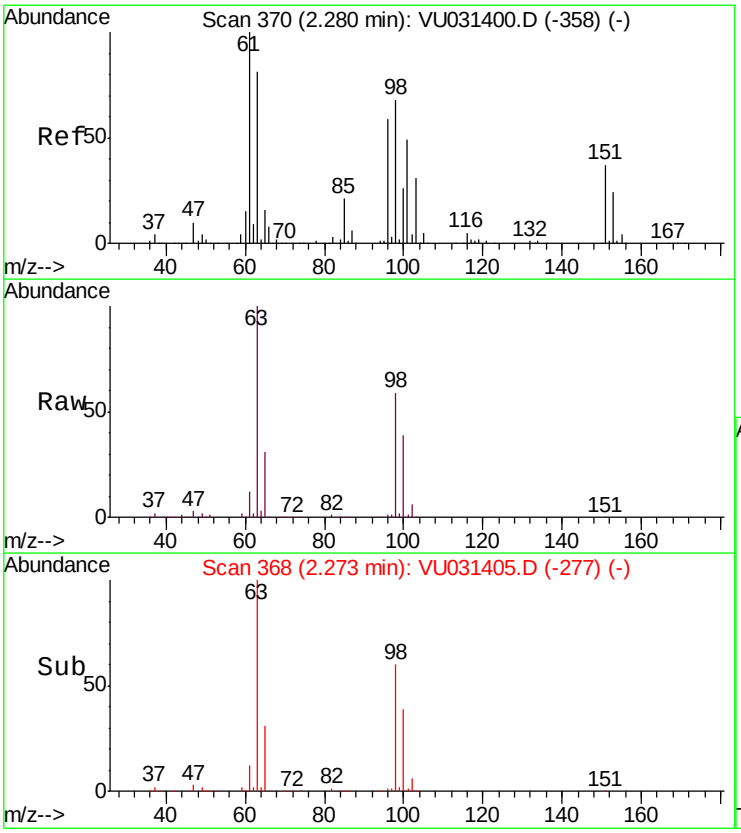
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.898 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU031405.D
Acq: 22 Apr 2019 21:19

Instrument : MSVOA_U
ClientSampleId : VBLK40

Tgt Ion:101 Resp: 3930

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.1	49.7#
151	2.5	61.4	92.0#

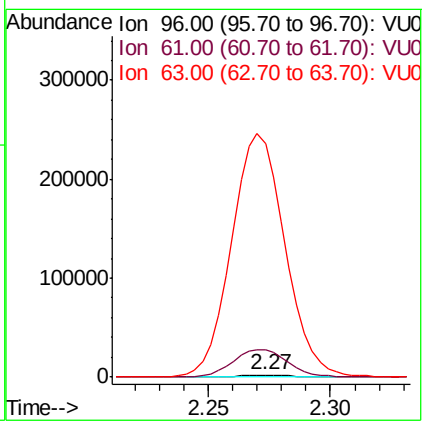


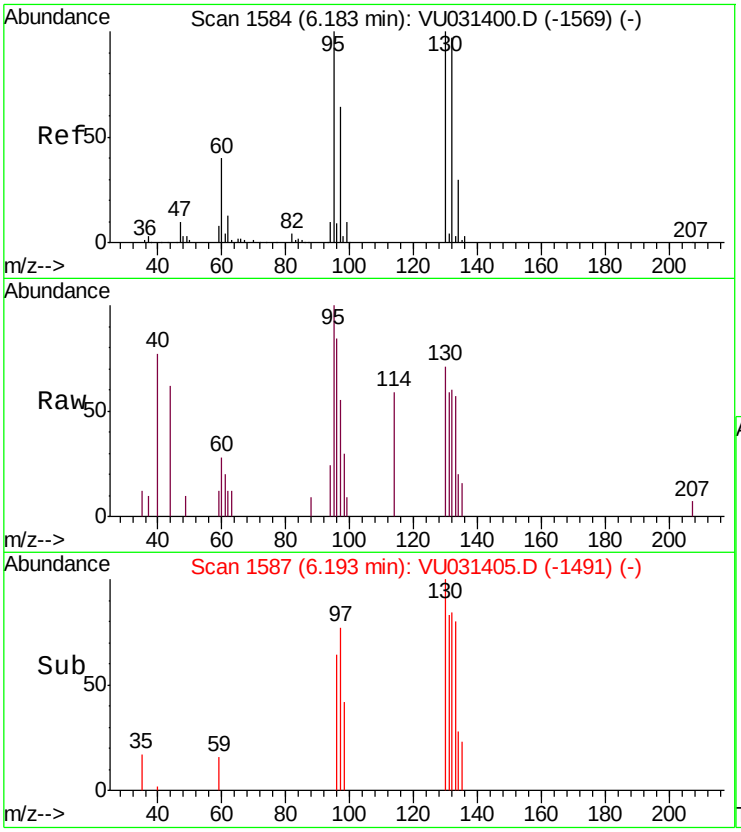


#12
1,1-Dichloroethene
Concen: 0.704 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU031405.D
Acq: 22 Apr 2019 21:19

Tgt Ion: 96 Resp: 3028

Ion	Ratio	Lower	Upper
96	100		
61	1439.7	118.9	220.9#
63	12467.6	99.3	184.3#



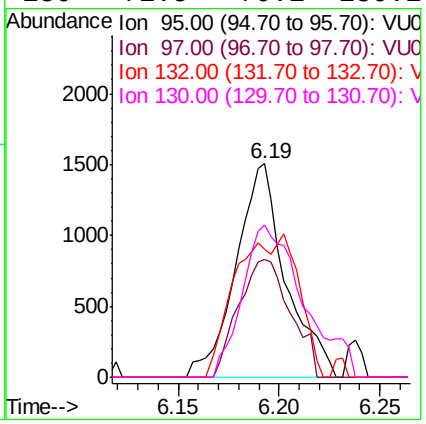


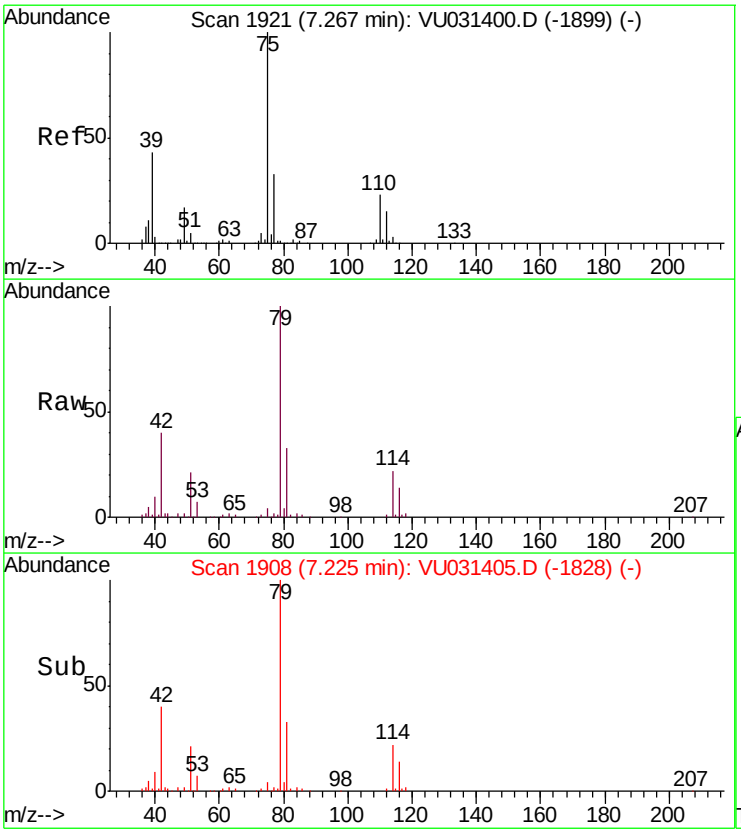
#34
Trichloroethene
Concen: 0.531 ug/L
RT: 6.19 min Scan# 1587
Delta R.T. 0.01 min
Lab File: VU031405.D
Acq: 22 Apr 2019 21:19

Instrument :
MSVOA_U
ClientSampleId :
VBLK40

Tgt Ion: 95 Resp: 2599

Ion	Ratio	Lower	Upper
95	100		
97	55.2	44.9	83.5
132	60.2	68.0	126.2#
130	71.5	70.1	130.1

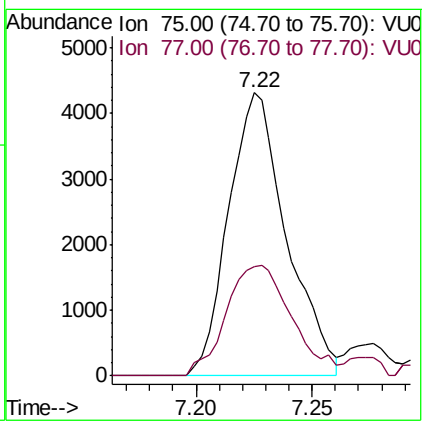


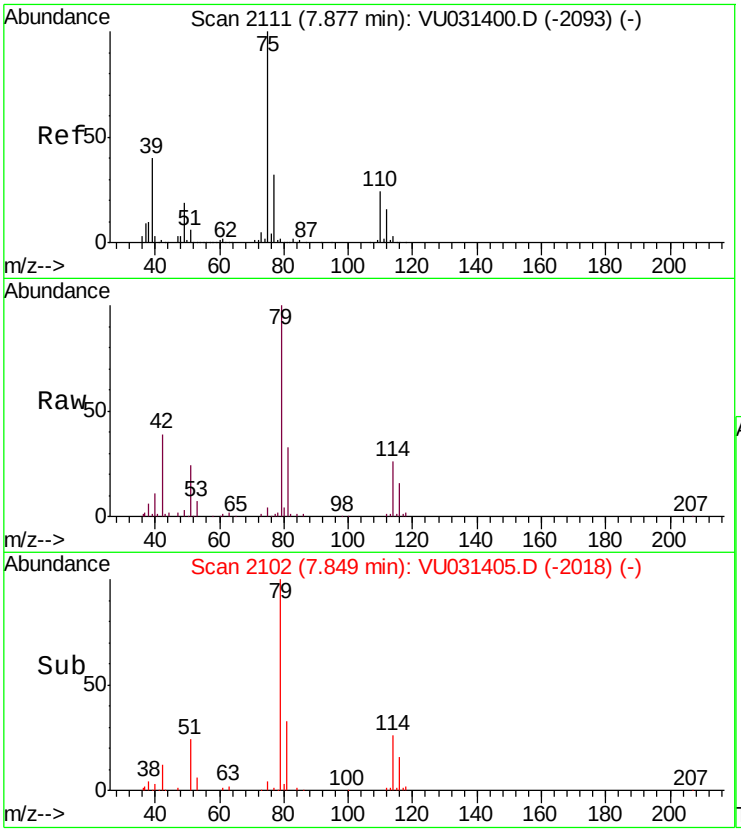


#39
cis-1,3-Dichloropropene
Concen: 1.019 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU031405.D
Acq: 22 Apr 2019 21:19

Tgt Ion: 75 Resp: 7501

Ion	Ratio	Lower	Upper
75	100		
77	38.6	23.0	42.8



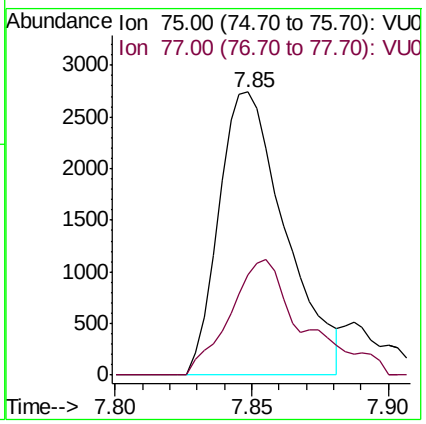


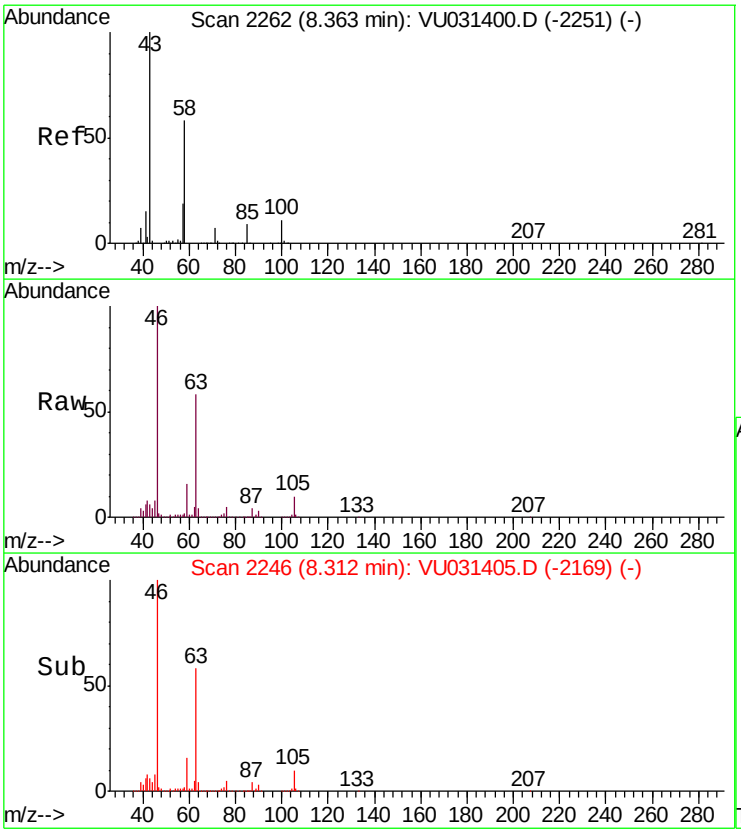
#44
trans-1,3-Dichloropropene
Concen: 0.733 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031405.D
Acq: 22 Apr 2019 21:19

Instrument :
MSVOA_U
ClientSampleId :
VBLK40

Tgt Ion: 75 Resp: 4653

Ion	Ratio	Lower	Upper
75	100		
77	35.6	22.3	41.3

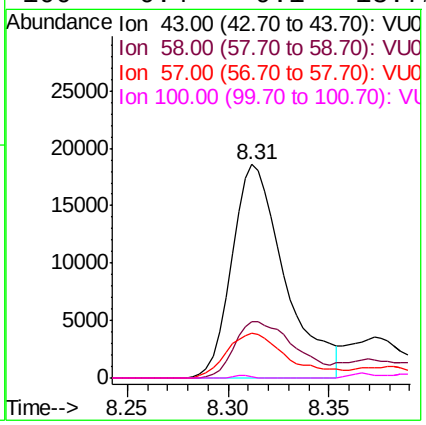


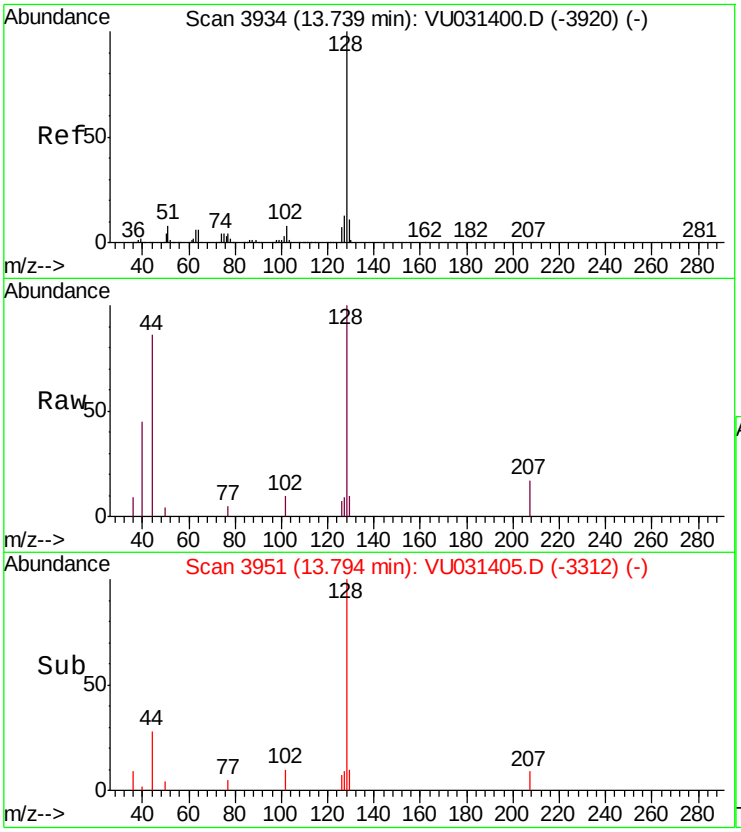


#48
2-Hexanone
Concen: 5.850 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.05 min
Lab File: VU031405.D
Acq: 22 Apr 2019 21:19

Tgt Ion: 43 Resp: 34118

Ion	Ratio	Lower	Upper
43	100		
58	30.3	45.5	68.3#
57	24.4	15.2	22.8#
100	0.4	9.1	13.7#





#69
Naphthalene
Concen: 0.375 ug/L
RT: 13.79 min Scan# 3951
Delta R.T. 0.05 min
Lab File: VU031405.D
Acq: 22 Apr 2019 21:19

Instrument :
MSVOA_U
ClientSampleId :
VBLK40

Tgt Ion:128 Resp: 6060

Ion	Ratio	Lower	Upper
128	100		
127	5.4	10.2	15.4#
129	4.3	8.6	13.0#