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

Quantitation Report (Not Reviewed)

Data File : VU031443.D
Acq On : 23 Apr 2019 17:09
Operator : JC/SP
Sample : K2536-01DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X21DL

Quant Time: Apr 24 06:05:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	763747	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	683186	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	306932	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	229055	37.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.02%			
7) Chloroethane-d5	1.68	69	195608	41.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.02%			
11) 1,1-Dichloroethene-d2	2.27	63	332712	30.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.80%			
21) 2-Butanone-d5	4.19	46	467898	101.13	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.13%			
24) Chloroform-d	4.64	84	415152	42.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.20%			
26) 1,2-Dichloroethane-d4	5.31	65	266802	45.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.32%			
32) Benzene-d6	5.34	84	891891	45.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.38%			
36) 1,2-Dichloropropane-d6	6.33	67	304896	48.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.02%			
41) Toluene-d8	7.56	98	783409	44.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.88%			
43) trans-1,3-Dichloropropene-	7.85	79	130318	45.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.06%			
47) 2-Hexanone-d5	8.31	63	336139	105.64	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.64%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	410003	47.59	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.18%			
64) 1,2-Dichlorobenzene-d4	11.86	152	283208	45.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.28%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3176	0.672	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	3180	0.683	ug/L #	1
20) cis-1,2-Dichloroethene	4.23	96	17818	3.272	ug/L	88
34) Trichloroethene	6.18	95	361141	68.971	ug/L	98
44) trans-1,3-Dichloropropene	7.84	75	4698	0.691	ug/L	100
48) 2-Hexanone	8.31	43	38402	6.150	ug/L #	68
69) Naphthalene	13.75	128	76029	4.107	ug/L	96

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

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Quant Title : VOC Analysis
QLast Update : Wed Apr 24 06:00:22 2019
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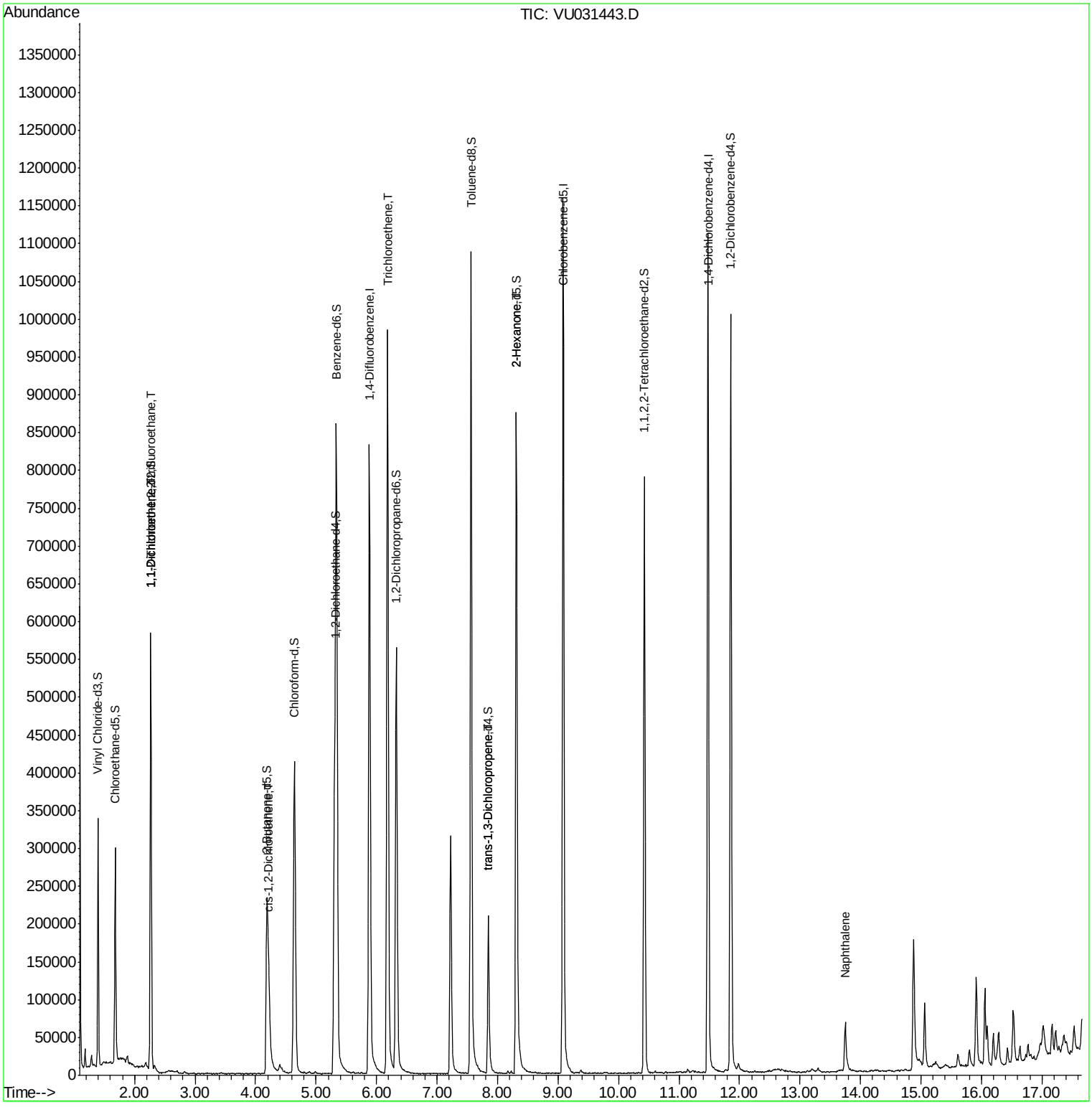
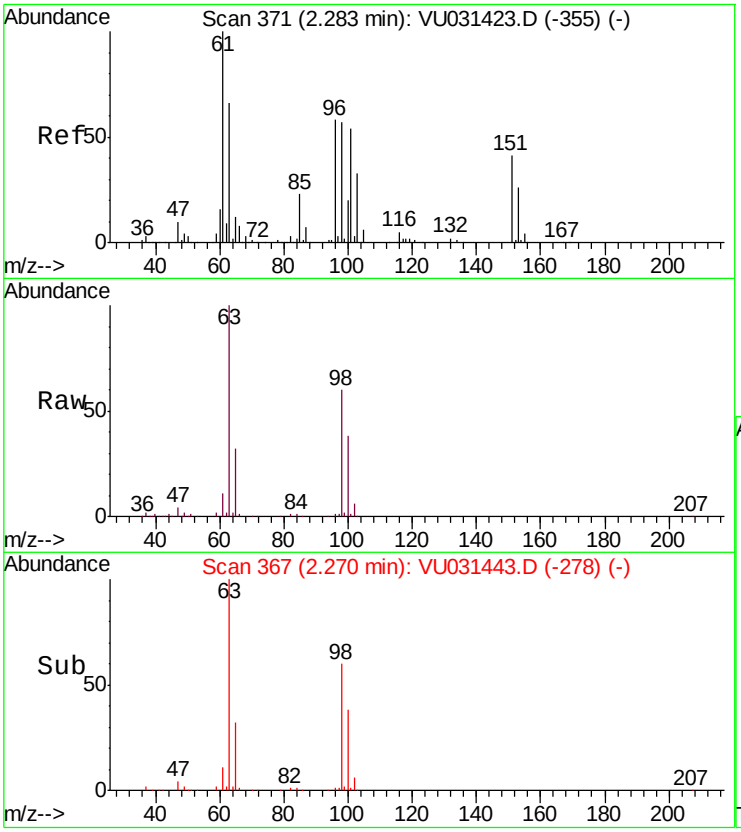


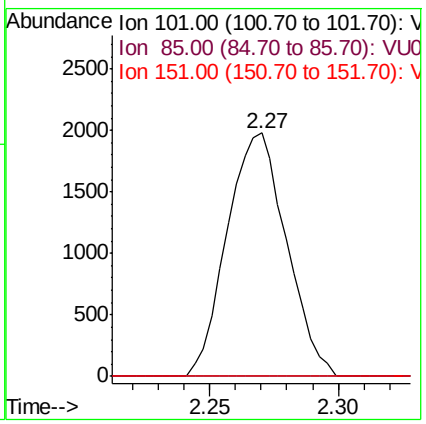


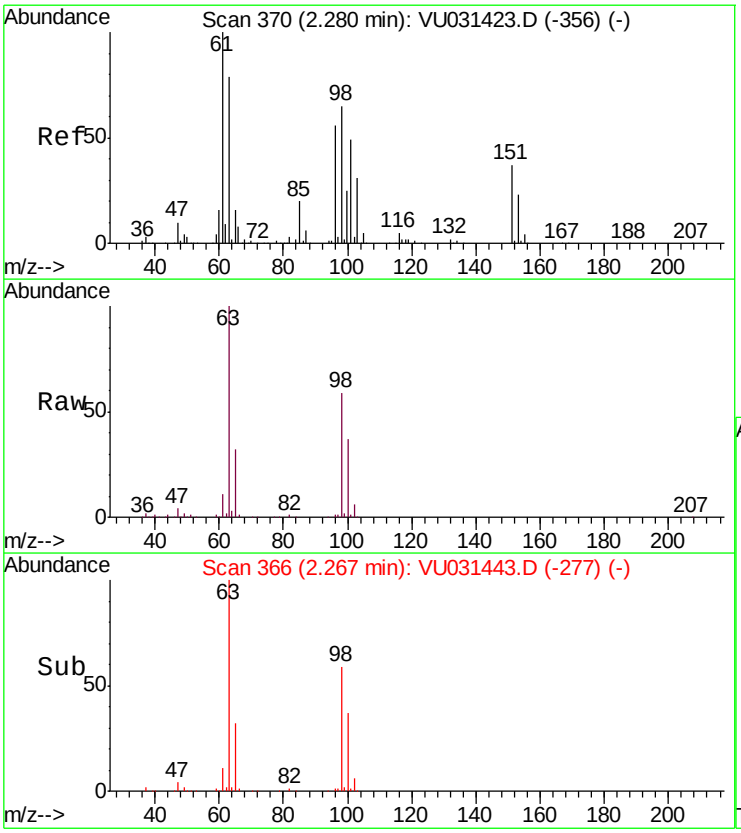
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.672 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU031443.D
Acq: 23 Apr 2019 17:09

Instrument : MSVOA_U
ClientSampleId : C0X21DL

Tgt Ion:101 Resp: 3176

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

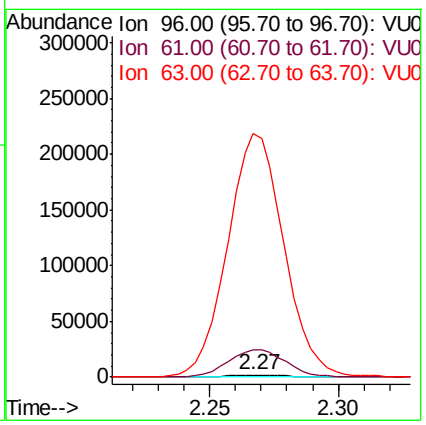


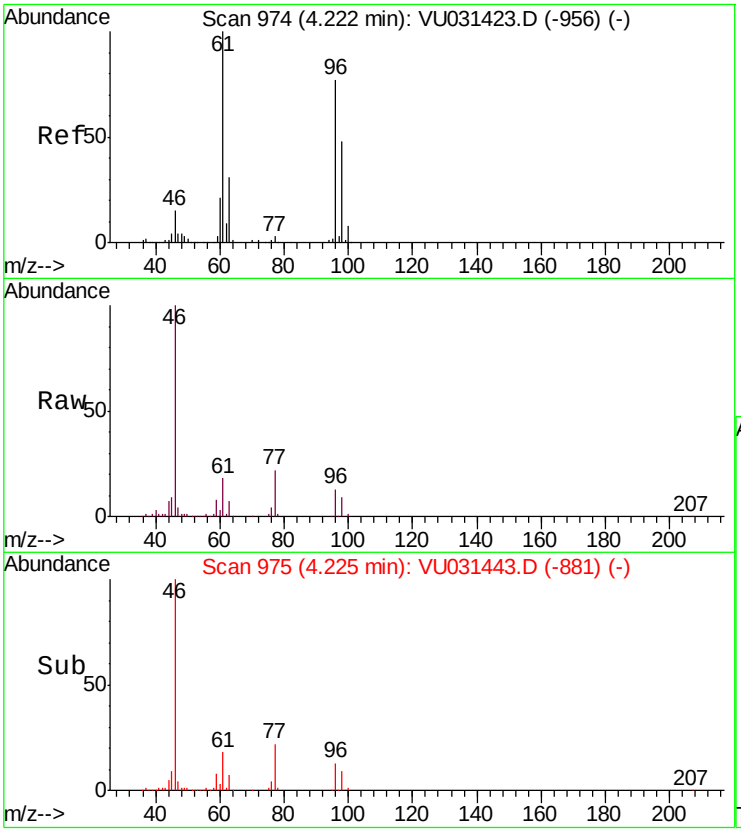


#12
1,1-Dichloroethene
Concen: 0.683 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU031443.D
Acq: 23 Apr 2019 17:09

Tgt Ion: 96 Resp: 3180

Ion	Ratio	Lower	Upper
96	100		
61	1288.0	118.9	220.9#
63	11496.4	99.3	184.3#



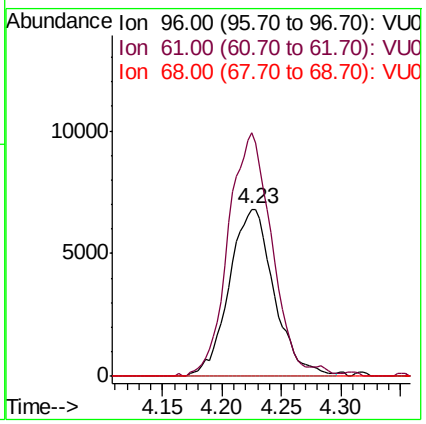


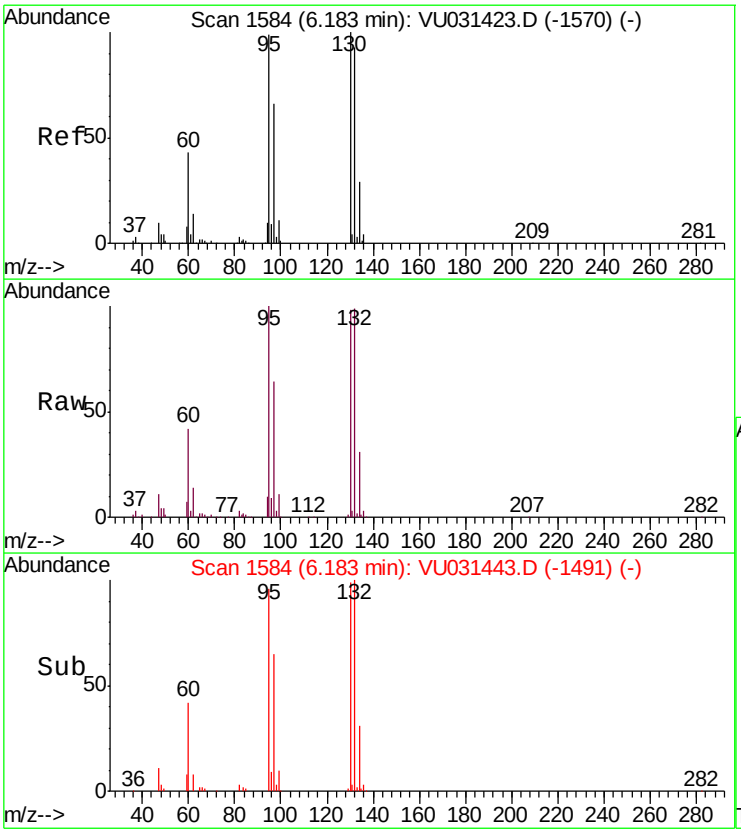
#20
cis-1,2-Dichloroethene
Concen: 3.272 ug/L
RT: 4.23 min Scan# 975
Delta R.T. 0.00 min
Lab File: VU031443.D
Acq: 23 Apr 2019 17:09

Instrument : MSVOA_U
ClientSampleId : C0X21DL

Tgt Ion: 96 Resp: 17818

Ion	Ratio	Lower	Upper
96	100		
61	145.5	91.9	170.7
68	0.0	0.0	0.0

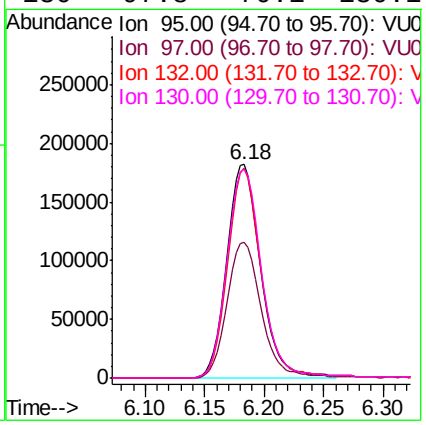


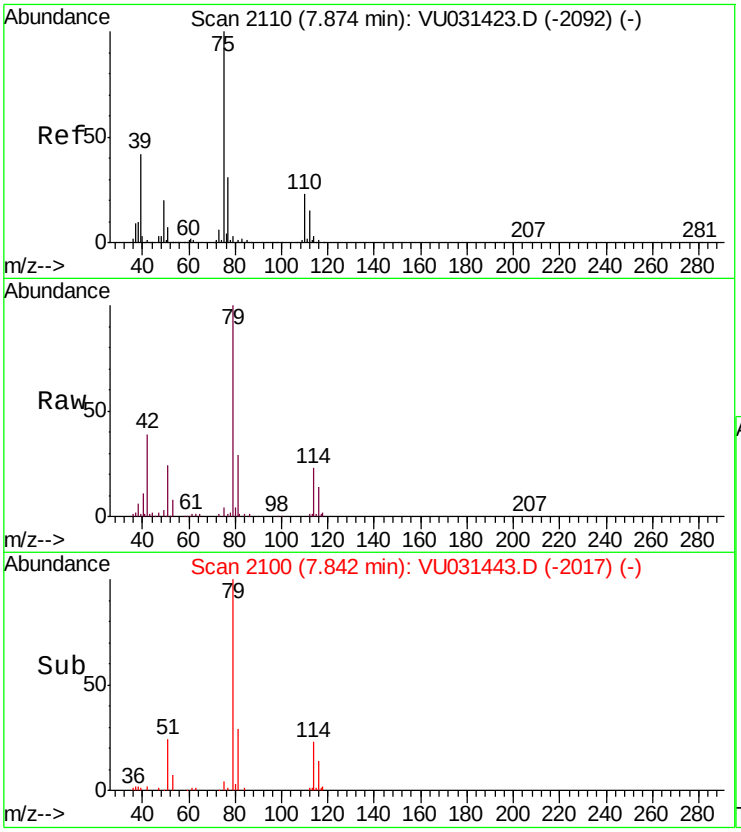


#34
Trichloroethene
Concen: 68.971 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU031443.D
Acq: 23 Apr 2019 17:09

Tgt Ion: 95 Resp: 361141

Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.9	83.5
132	98.5	68.0	126.2
130	97.8	70.1	130.1



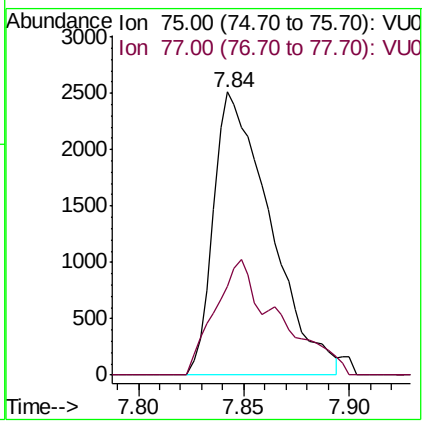


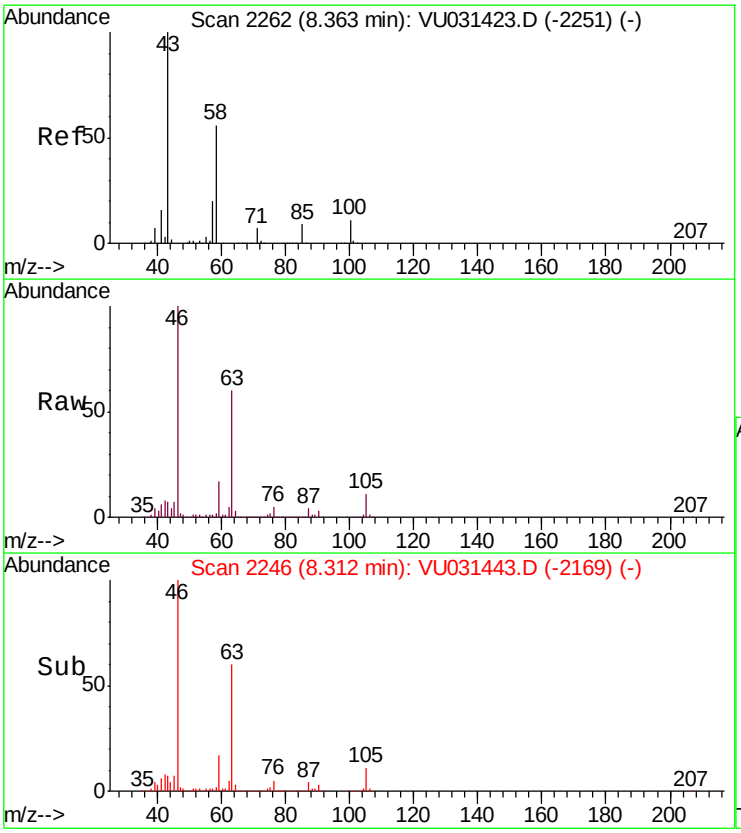
#44
trans-1,3-Dichloropropene
Concen: 0.691 ug/L
RT: 7.84 min Scan# 2100
Delta R.T. -0.03 min
Lab File: VU031443.D
Acq: 23 Apr 2019 17:09

Instrument :
MSVOA_U
ClientSampleId :
C0X21DL

Tgt Ion: 75 Resp: 4698

Ion	Ratio	Lower	Upper
75	100		
77	31.6	22.3	41.3

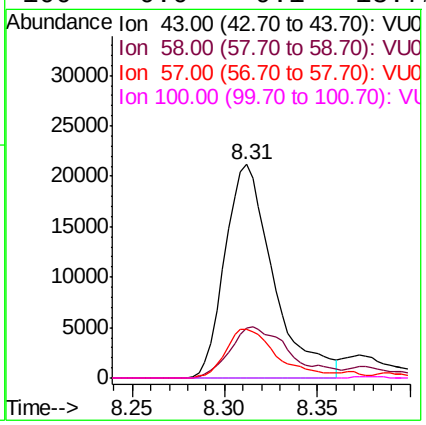


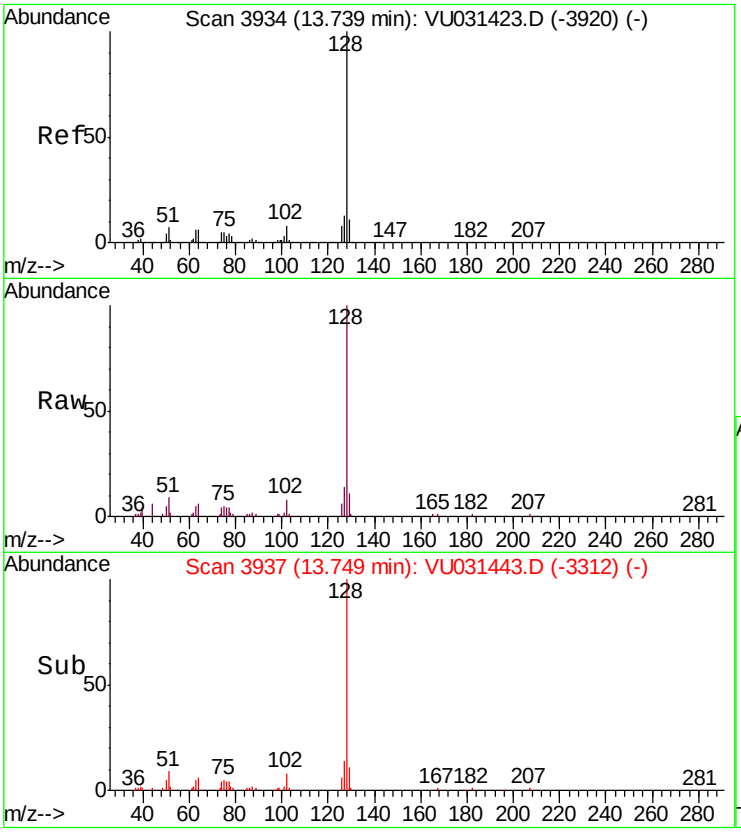


#48
2-Hexanone
Concen: 6.150 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.05 min
Lab File: VU031443.D
Acq: 23 Apr 2019 17:09

Tgt Ion: 43 Resp: 38402

Ion	Ratio	Lower	Upper
43	100		
58	27.6	45.5	68.3#
57	24.4	15.2	22.8#
100	0.0	9.1	13.7#





#69
Naphthalene
Concen: 4.107 ug/L
RT: 13.75 min Scan# 3937
Delta R.T. 0.01 min
Lab File: VU031443.D
Acq: 23 Apr 2019 17:09

Instrument :
MSVOA_U
ClientSampleId :
C0X21DL

Tgt Ion:128 Resp: 76029

Ion	Ratio	Lower	Upper
128	100		
127	10.9	10.2	15.4
129	9.5	8.6	13.0