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

Quantitation Report (Not Reviewed)

Data File : VU031418.D
Acq On : 23 Apr 2019 02:44
Operator : JC/SP
Sample : K2478-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Time: Apr 23 05:36:31 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	701180	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	645033	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	256298	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	265123	46.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.32%			
7) Chloroethane-d5	1.68	69	210274	48.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.22%			
11) 1,1-Dichloroethene-d2	2.27	63	375918	38.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.06%			
21) 2-Butanone-d5	4.19	46	429107	101.02	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.02%			
24) Chloroform-d	4.64	84	429338	47.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.84%			
26) 1,2-Dichloroethane-d4	5.31	65	270130	49.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.62%			
32) Benzene-d6	5.34	84	913849	49.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.08%			
36) 1,2-Dichloropropane-d6	6.33	67	300805	50.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.34%			
41) Toluene-d8	7.56	98	806196	48.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.88%			
43) trans-1,3-Dichloropropene-	7.85	79	123429	45.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.34%			
47) 2-Hexanone-d5	8.31	63	298122	99.23	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.23%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	386627	47.53	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.06%			
64) 1,2-Dichlorobenzene-d4	11.85	152	260690	49.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.52%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3345	0.770	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	3247	0.760	ug/L #	1
34) Trichloroethene	6.19	95	80989	16.382	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	4591	0.716	ug/L	97
46) Tetrachloroethene	8.22	164	1626	0.464	ug/L	86
48) 2-Hexanone	8.31	43	32433	5.501	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	27945	4.553	ug/L	94

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

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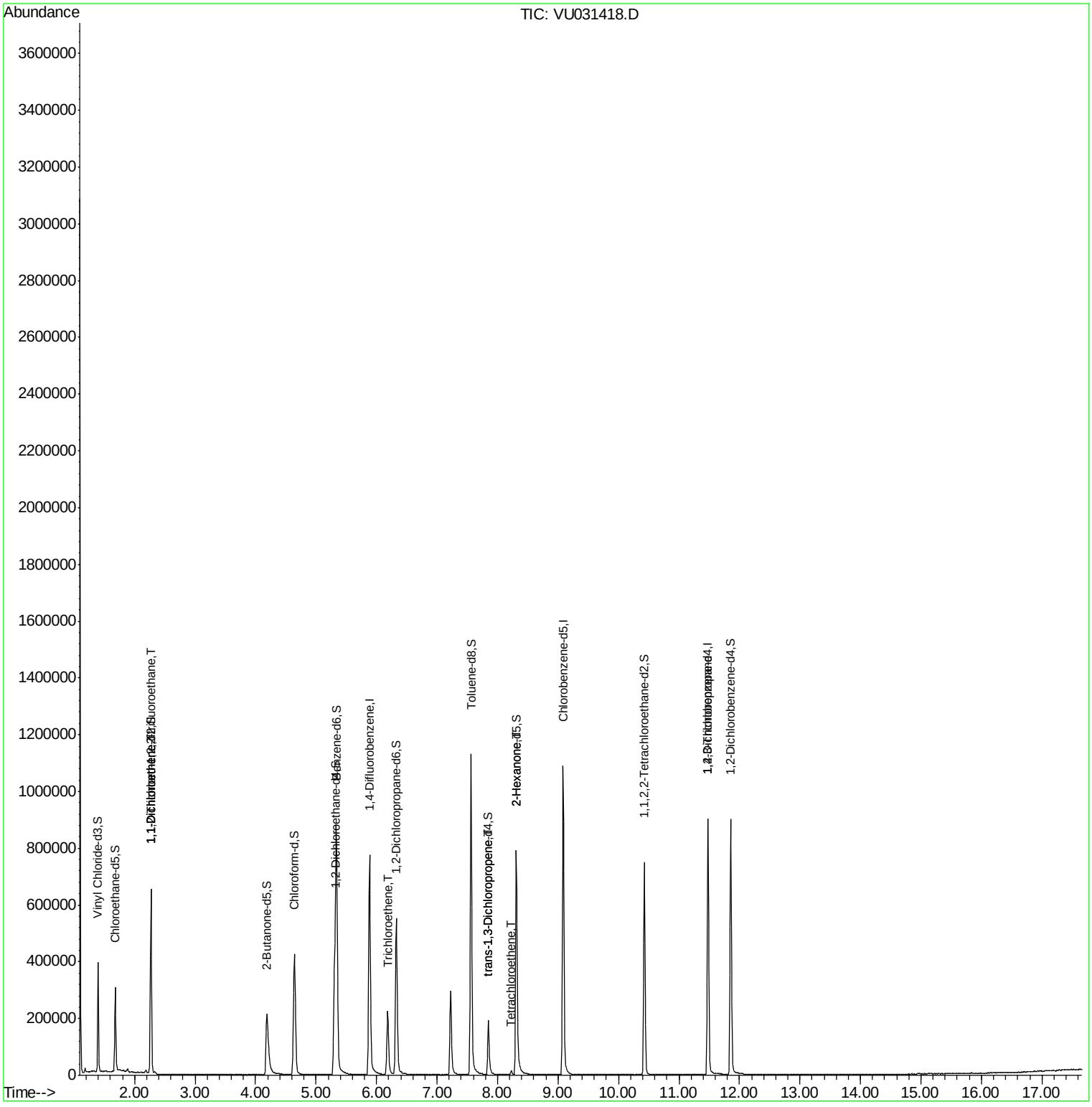
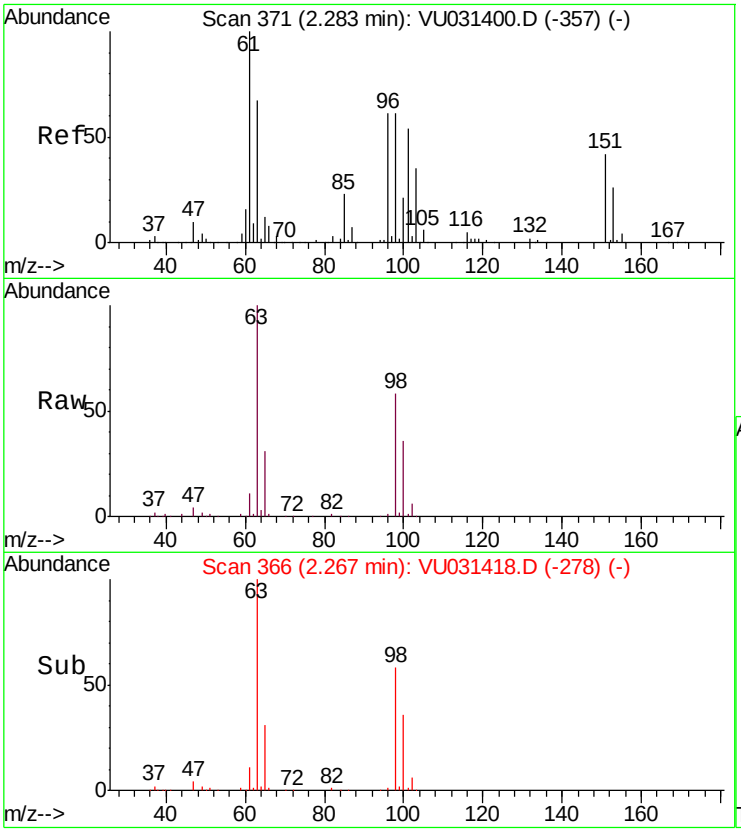
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 04:02:06 2019
Response via : Initial Calibration



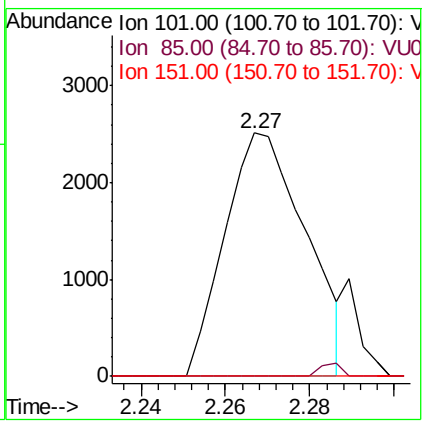


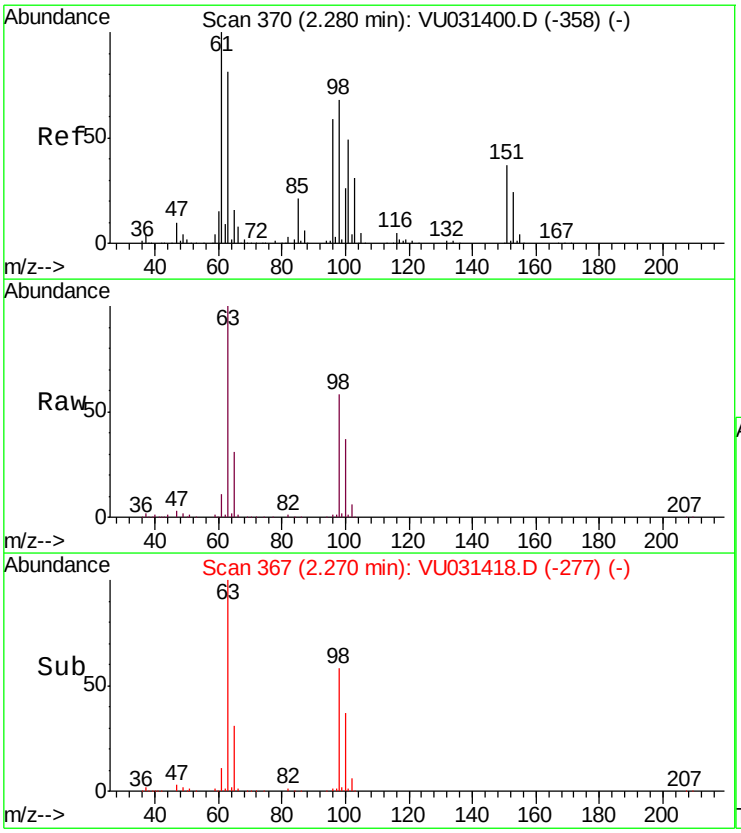
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.770 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU031418.D
Acq: 23 Apr 2019 02:44

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion:101 Resp: 3345

Ion	Ratio	Lower	Upper
101	100		
85	1.4	33.1	49.7#
151	0.0	61.4	92.0#

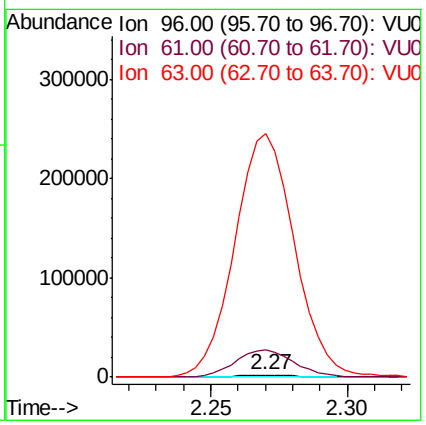


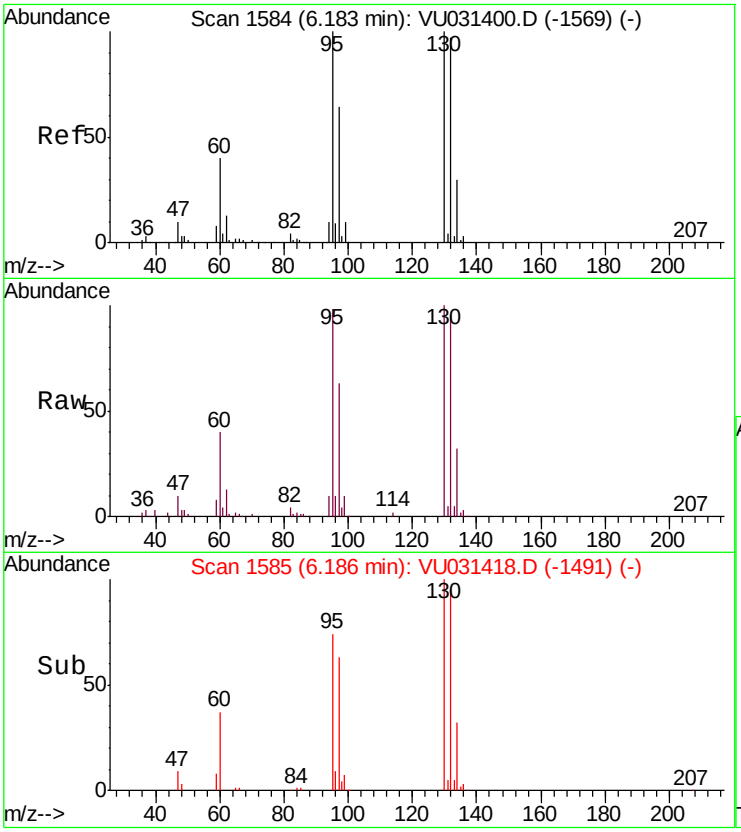


#12
1,1-Dichloroethene
Concen: 0.760 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU031418.D
Acq: 23 Apr 2019 02:44

Tgt Ion: 96 Resp: 3247

Ion	Ratio	Lower	Upper
96	100		
61	1233.9	118.9	220.9#
63	11179.6	99.3	184.3#



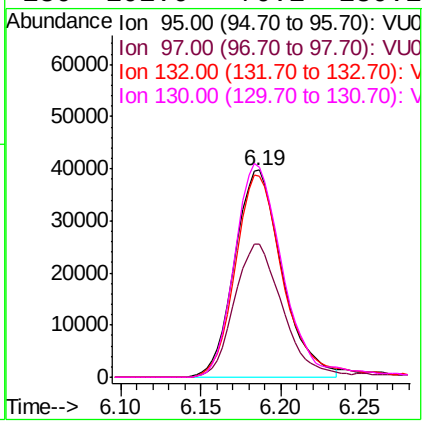


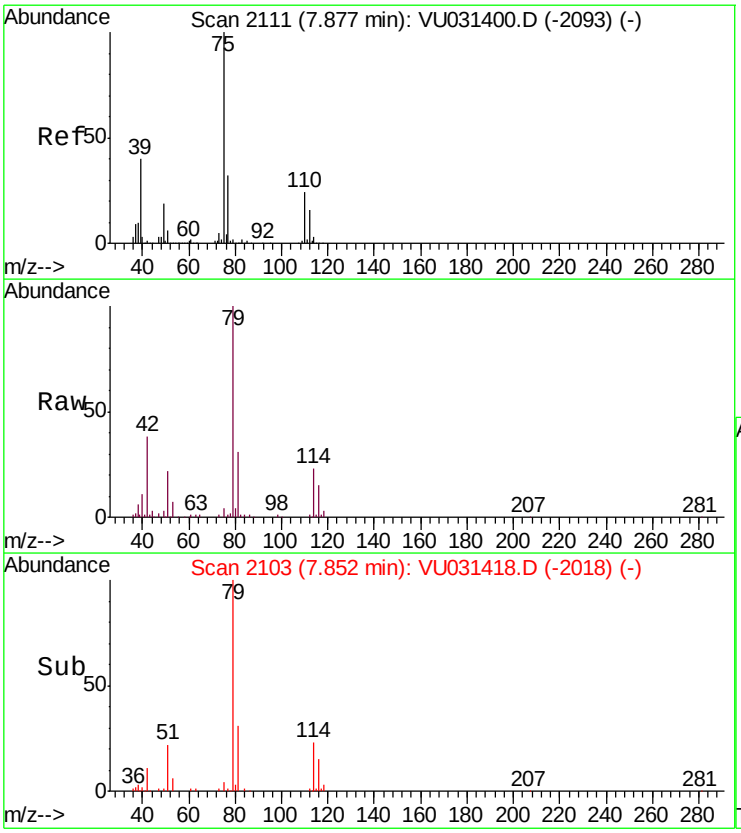
#34
Trichloroethene
Concen: 16.382 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.00 min
Lab File: VU031418.D
Acq: 23 Apr 2019 02:44

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 95 Resp: 80989

Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.9	83.5
132	96.9	68.0	126.2
130	101.6	70.1	130.1

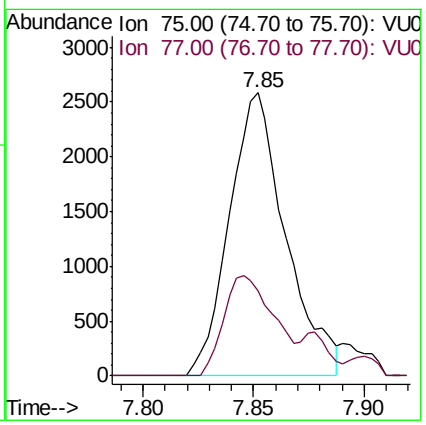


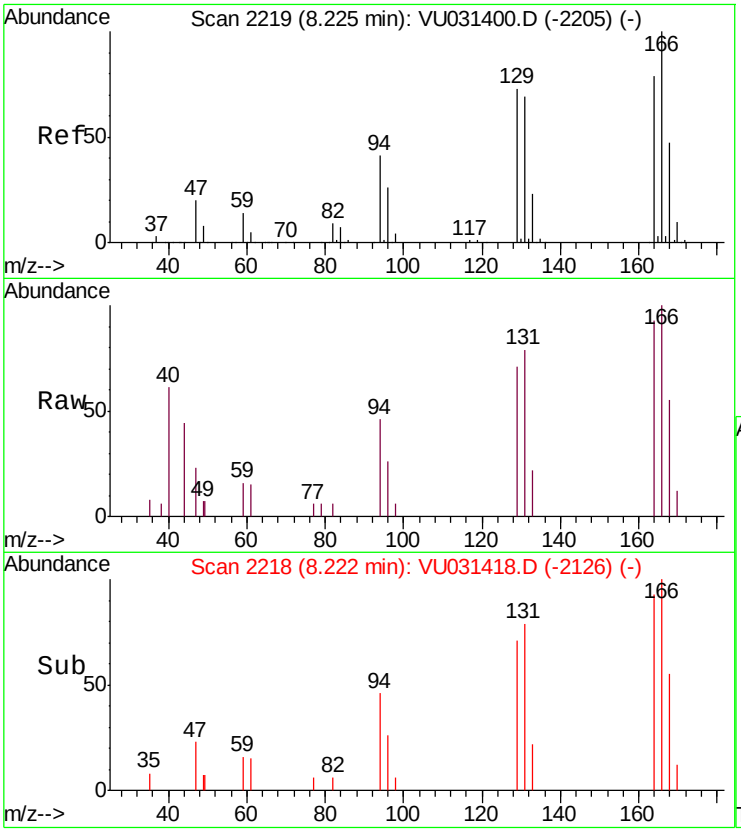


#44
trans-1,3-Dichloropropene
Concen: 0.716 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.03 min
Lab File: VU031418.D
Acq: 23 Apr 2019 02:44

Tgt Ion: 75 Resp: 4591

Ion	Ratio	Lower	Upper
75	100		
77	30.1	22.3	41.3



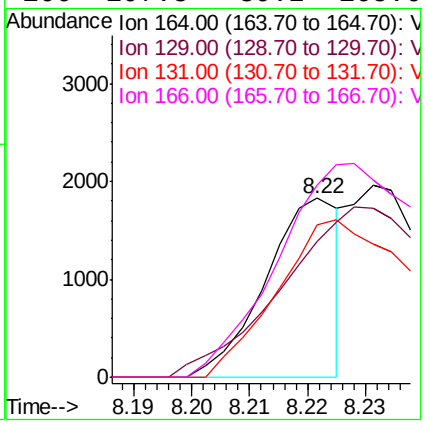


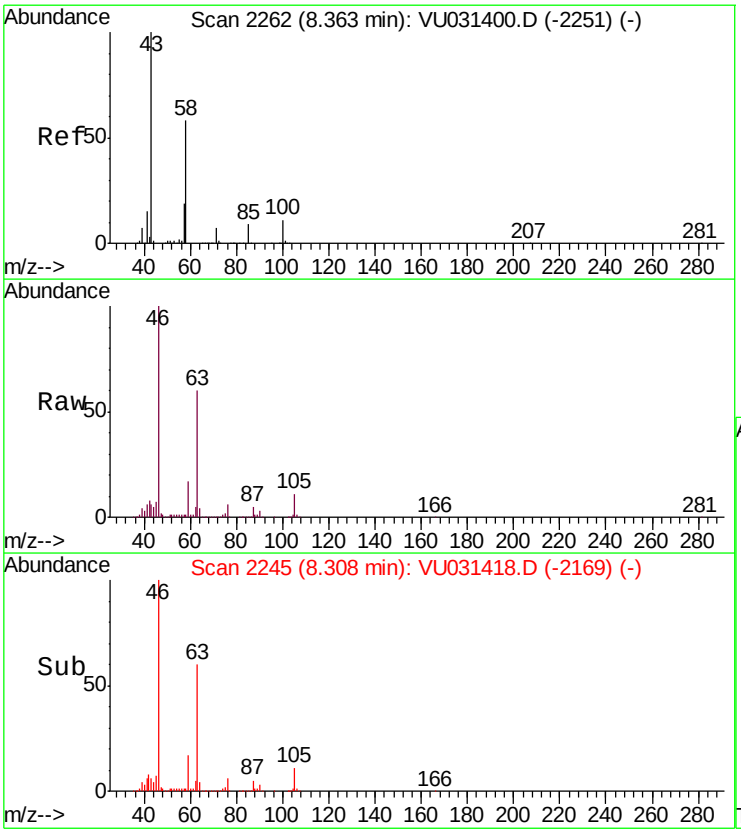
#46
Tetrachloroethene
Concen: 0.464 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU031418.D
Acq: 23 Apr 2019 02:44

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion:164 Resp: 1626

Ion	Ratio	Lower	Upper
164	100		
129	75.8	65.2	121.0
131	84.8	61.4	114.0
166	107.3	89.2	165.6

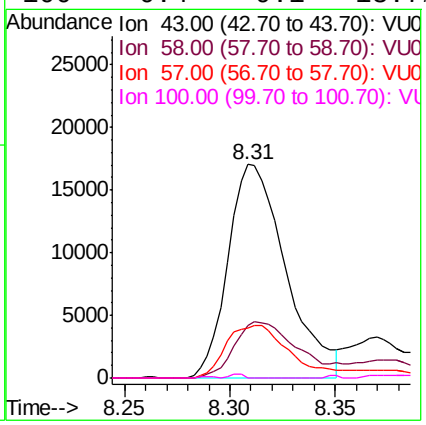


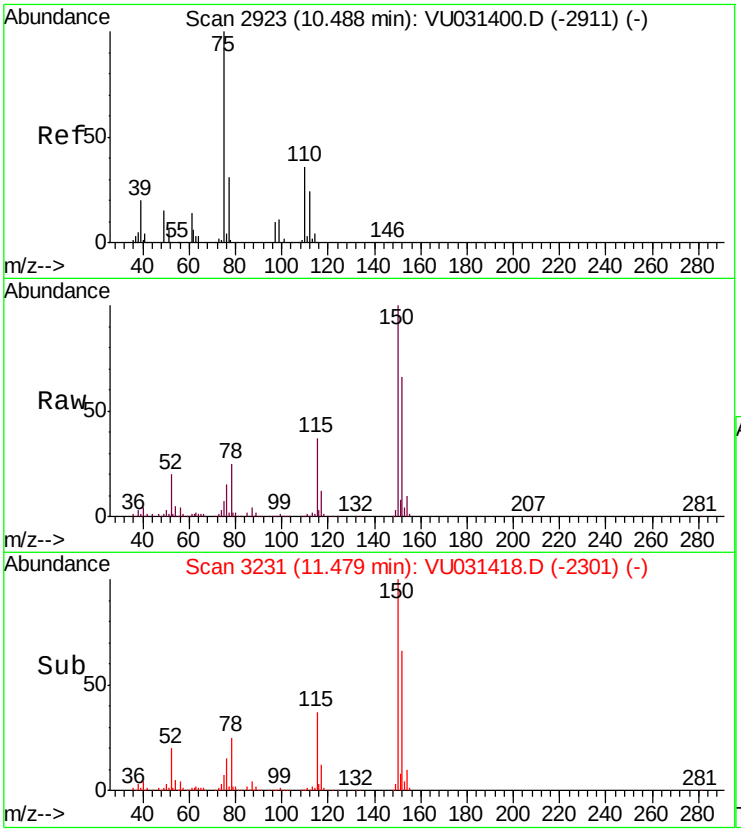


#48
2-Hexanone
Concen: 5.501 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU031418.D
Acq: 23 Apr 2019 02:44

Tgt Ion: 43 Resp: 32433

Ion	Ratio	Lower	Upper
43	100		
58	28.3	45.5	68.3#
57	25.3	15.2	22.8#
100	0.4	9.1	13.7#





#59
1,2,3-Trichloropropane
Concen: 4.553 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031418.D
Acq: 23 Apr 2019 02:44

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 27945

Ion	Ratio	Lower	Upper
75	100		
77	35.2	25.6	38.4