Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042219\

Quantitation Report (Not Reviewed)

Data File : VU031388.D
Acq On : 22 Apr 2019 12:51
Operator : JC/SP
Sample : K2428-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X16

Quant Time: Apr 23 01:03:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:59:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	625004	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	466712	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	225152	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	184421	32.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 64.08%			
7) Chloroethane-d5	1.68	69	159746	31.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 63.94%#			
11) 1,1-Dichloroethene-d2	2.27	63	273277	23.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 47.94%#			
21) 2-Butanone-d5	4.19	46	377817	90.13	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.13%			
24) Chloroform-d	4.64	84	330462	34.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 68.82%#			
26) 1,2-Dichloroethane-d4	5.31	65	198107	33.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 67.00%#			
32) Benzene-d6	5.34	84	683489	46.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.64%			
36) 1,2-Dichloropropane-d6	6.33	67	228396	47.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.40%			
41) Toluene-d8	7.56	98	469455	36.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 72.32%#			
43) trans-1,3-Dichloropropene-	7.85	79	76816	33.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.12%			
47) 2-Hexanone-d5	8.31	63	206118	91.18	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.18%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	270163	40.64	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 81.28%			
64) 1,2-Dichlorobenzene-d4	11.85	152	198561	38.45	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 76.90%#			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.88	101	744428	78.185	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2970	0.596	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	3309	0.677	ug/L #	1
13) Acetone	2.35	43	6592	2.043	ug/L	60
17) trans-1,2-Dichloroethene	2.98	96	4222	0.949	ug/L	81
20) cis-1,2-Dichloroethene	4.22	96	33581	6.483	ug/L	91
25) Chloroform	4.67	83	10323	1.138	ug/L	92
31) Carbon tetrachloride	5.13	117	15741	2.946	ug/L	92
34) Trichloroethene	6.18	95	14614708	3720.966	ug/L	95
45) 1,1,2-Trichloroethane	8.07	97	4338	1.159	ug/L	96
46) Tetrachloroethene	8.22	164	1312398	444.254	ug/L	97
48) 2-Hexanone	8.31	43	20821	4.463	ug/L #	67
51) Chlorobenzene	9.12	112	5058	0.518	ug/L	89
59) 1,2,3-Trichloropropane	11.48	75	23017	4.655	ug/L	90

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

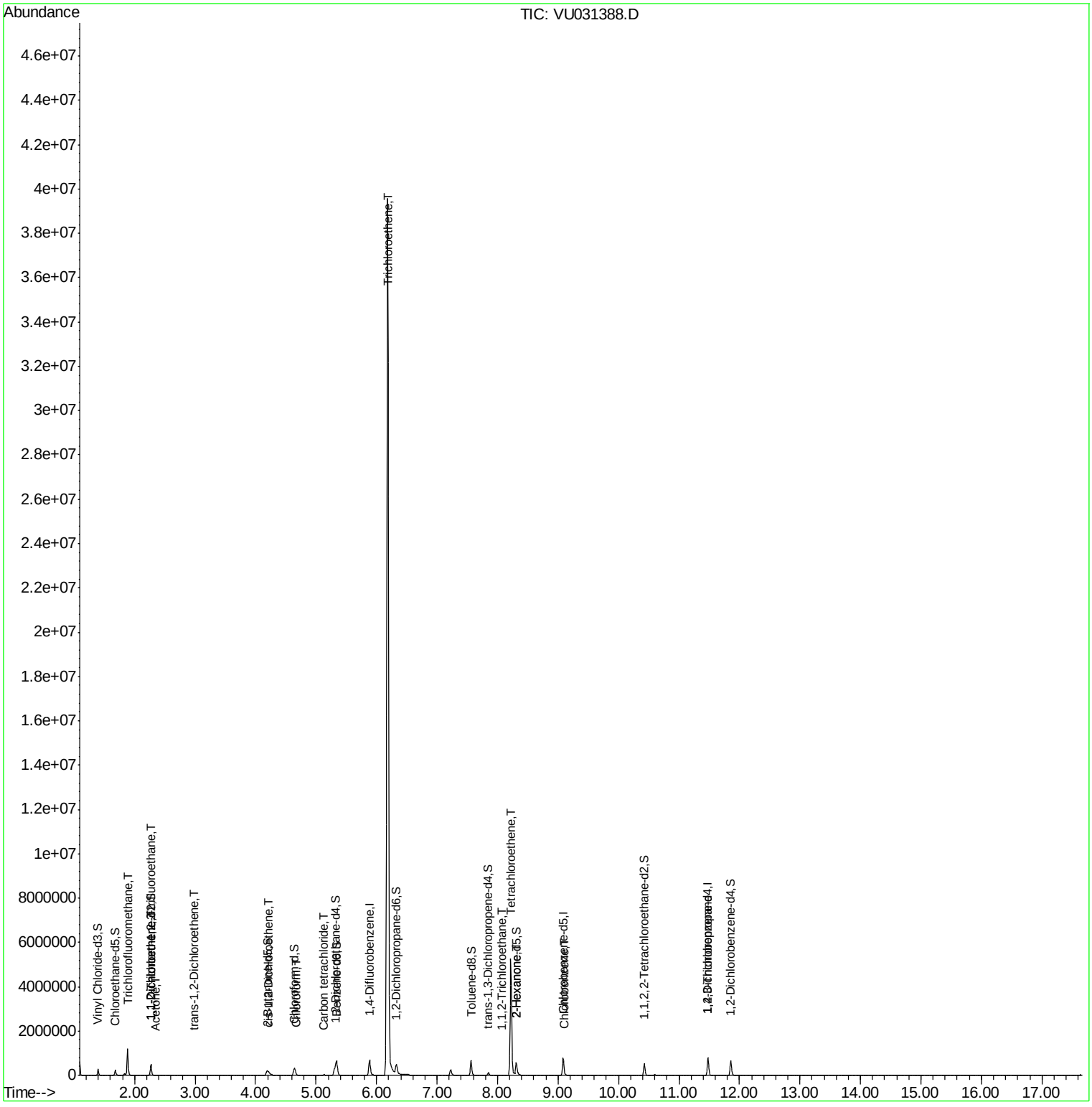
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042219\

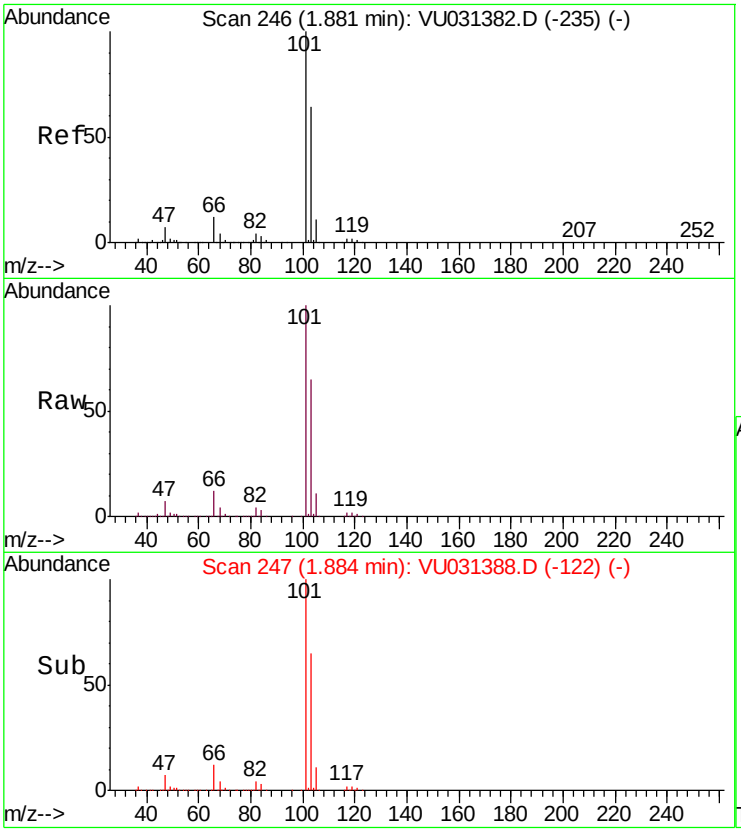
Quantitation Report (Not Reviewed)

Data File : VU031388.D
Acq On : 22 Apr 2019 12:51
Operator : JC/SP
Sample : K2428-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X16

Quant Time: Apr 23 01:03:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:59:20 2019
Response via : Initial Calibration



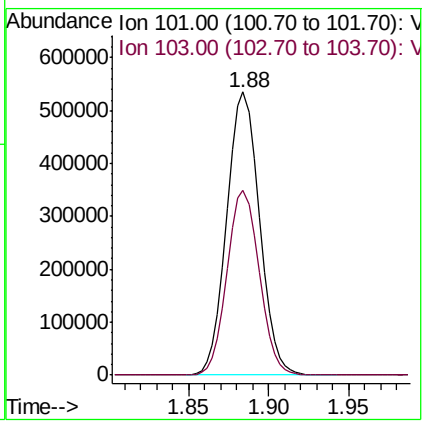


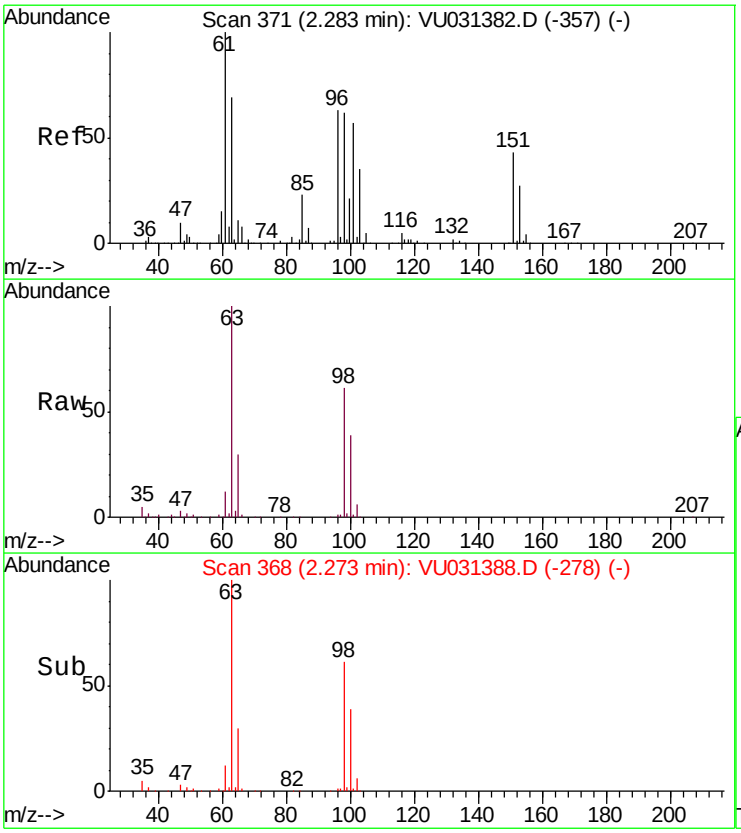
#9
Trichlorofluoromethane
Concen: 78.185 ug/L
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU031388.D
Acq: 22 Apr 2019 12:51

Instrument :
MSVOA_U
ClientSampleId :
C0X16

Tgt Ion:101 Resp: 744428

Ion	Ratio	Lower	Upper
101	100		
103	64.4	53.0	79.6

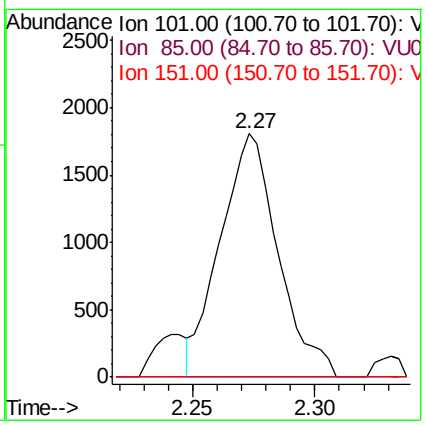


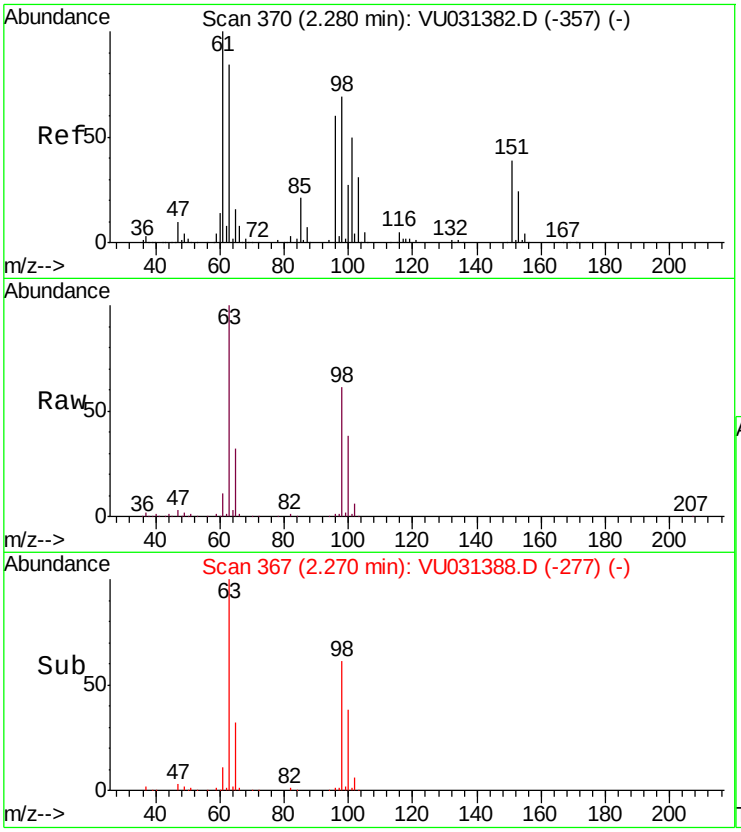


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.596 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU031388.D
Acq: 22 Apr 2019 12:51

Tgt Ion:101 Resp: 2970

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.4	53.0#
151	0.0	59.8	89.8#



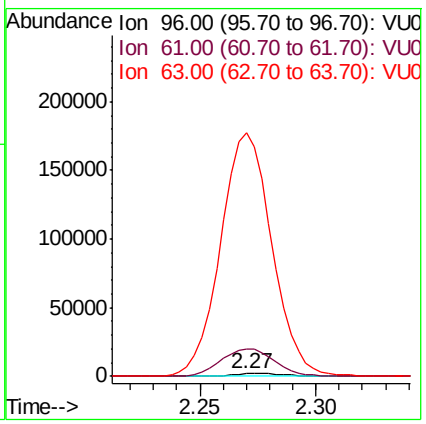


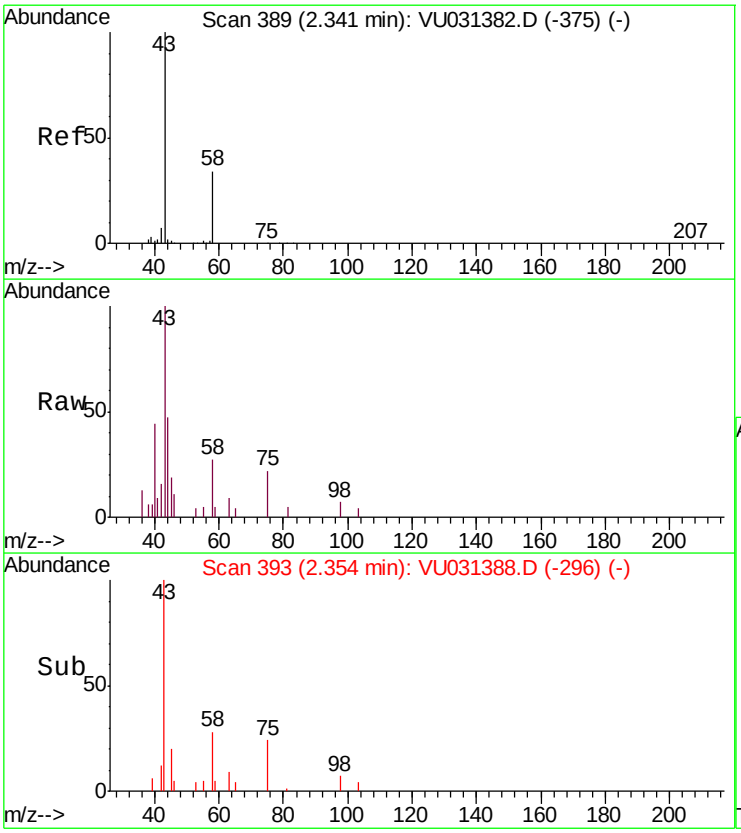
#12
1,1-Dichloroethene
Concen: 0.677 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU031388.D
Acq: 22 Apr 2019 12:51

Instrument : MSVOA_U
ClientSampleId : C0X16

Tgt Ion: 96 Resp: 3309

Ion	Ratio	Lower	Upper
96	100		
61	1022.4	130.4	242.2#
63	9146.2	108.9	202.3#

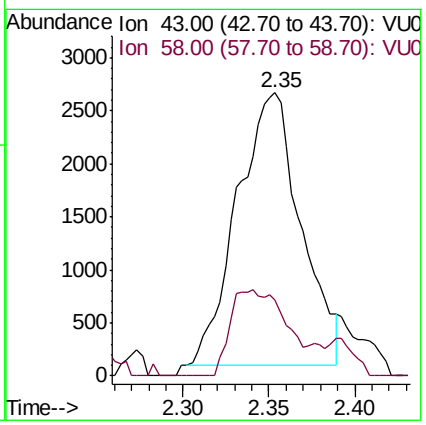


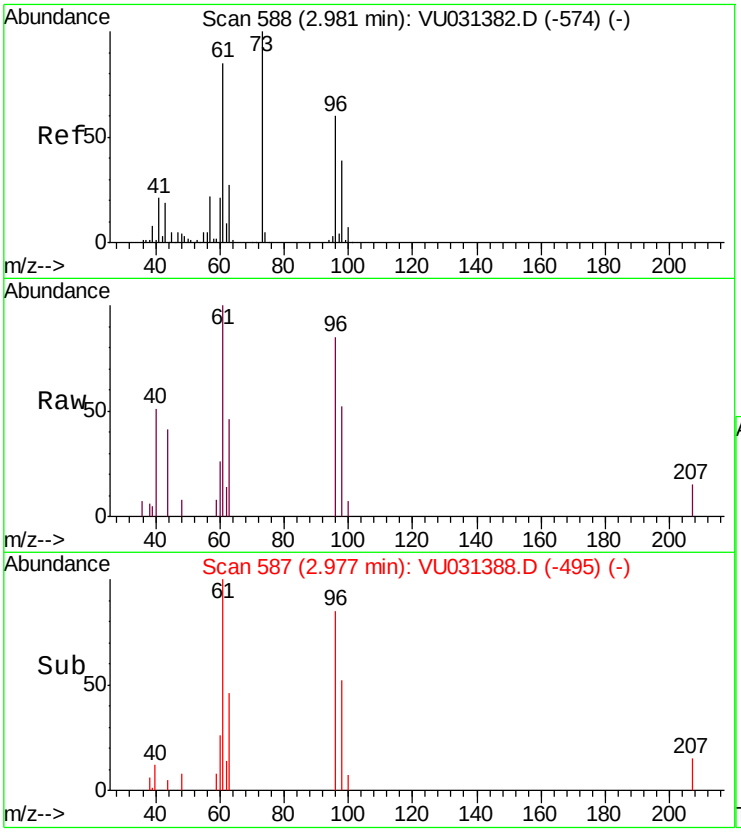


#13
Acetone
Concen: 2.043 ug/L
RT: 2.35 min Scan# 393
Delta R.T. 0.01 min
Lab File: VU031388.D
Acq: 22 Apr 2019 12:51

Tgt Ion: 43 Resp: 6592

Ion	Ratio	Lower	Upper
43	100		
58	9.9	0.0	65.0



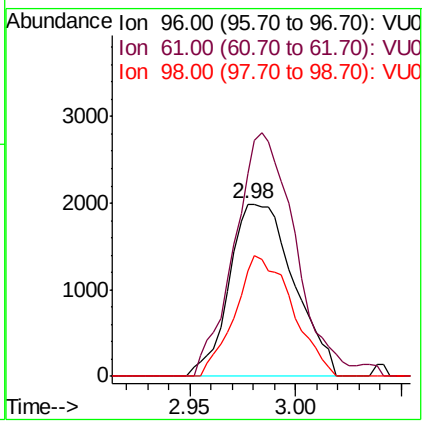


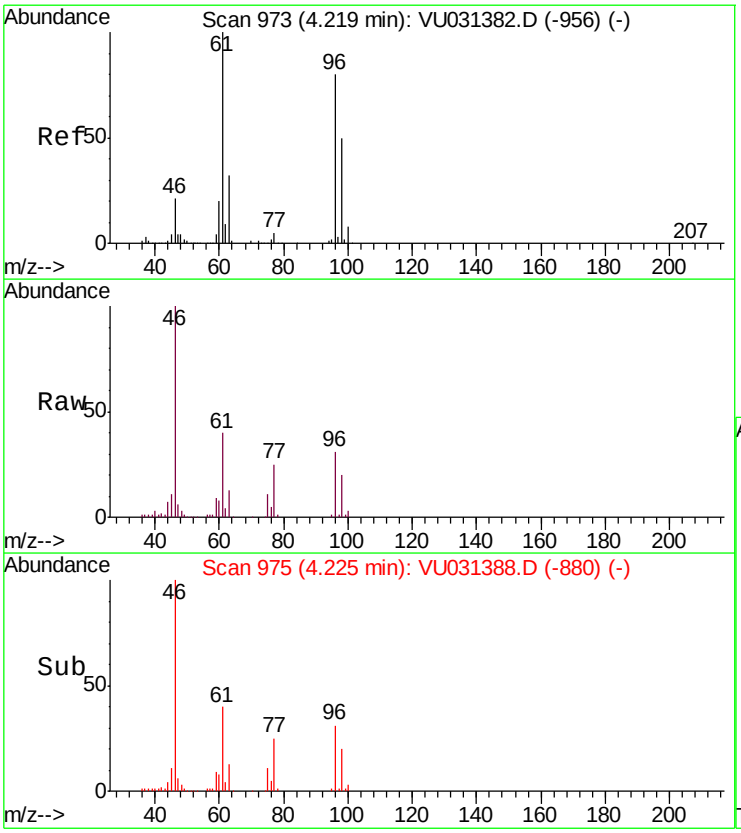
#17
trans-1,2-Dichloroethene
Concen: 0.949 ug/L
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU031388.D
Acq: 22 Apr 2019 12:51

Instrument :
MSVOA_U
ClientSampleId :
C0X16

Tgt Ion: 96 Resp: 4222

Ion	Ratio	Lower	Upper
96	100		
61	117.9	105.5	195.9
98	61.4	45.4	84.4

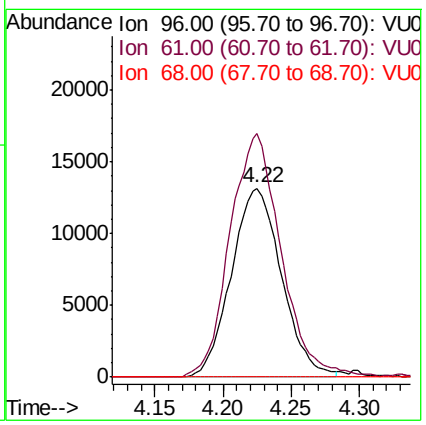


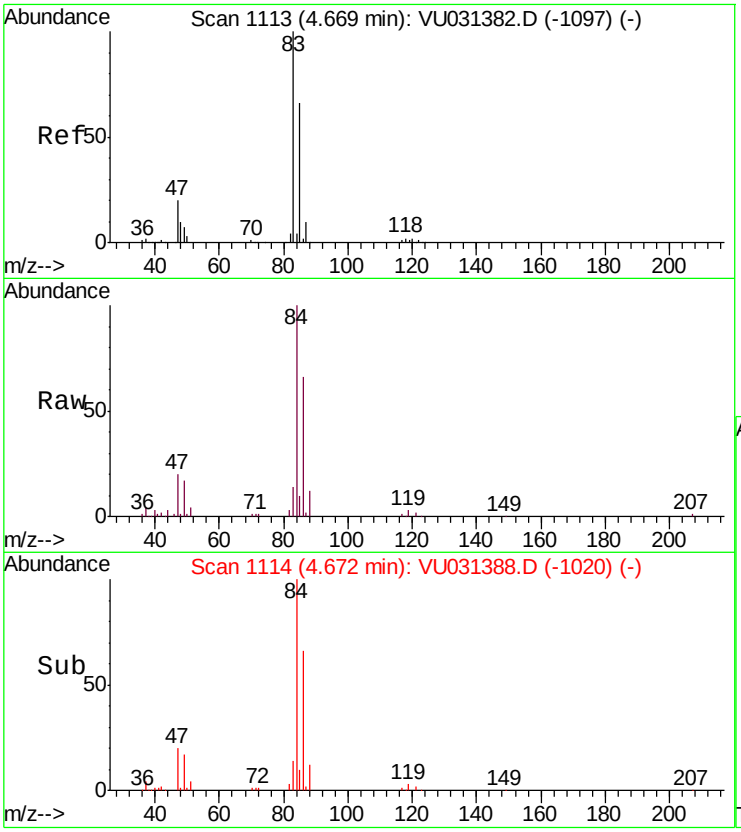


#20
cis-1,2-Dichloroethene
Concen: 6.483 ug/L
RT: 4.22 min Scan# 975
Delta R.T. 0.01 min
Lab File: VU031388.D
Acq: 22 Apr 2019 12:51

Tgt Ion: 96 Resp: 33581

Ion	Ratio	Lower	Upper
96	100		
61	128.9	98.2	182.4
68	0.0	0.0	0.0



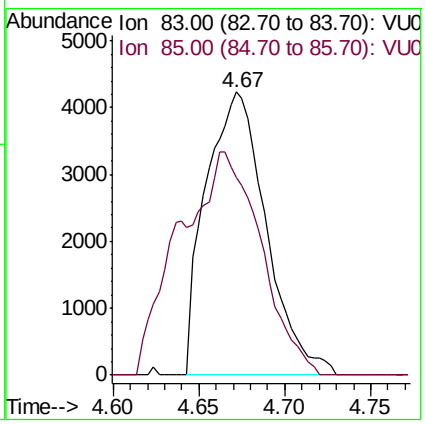


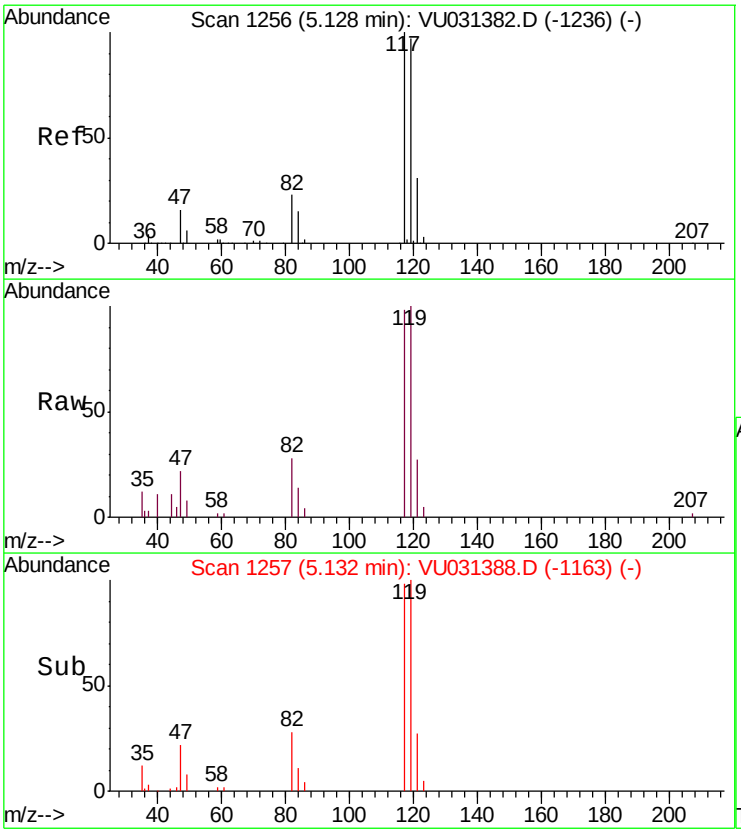
#25
Chloroform
Concen: 1.138 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU031388.D
Acq: 22 Apr 2019 12:51

Instrument :
MSVOA_U
ClientSampleId :
C0X16

Tgt Ion: 83 Resp: 10323

Ion	Ratio	Lower	Upper
83	100		
85	70.0	44.8	83.2

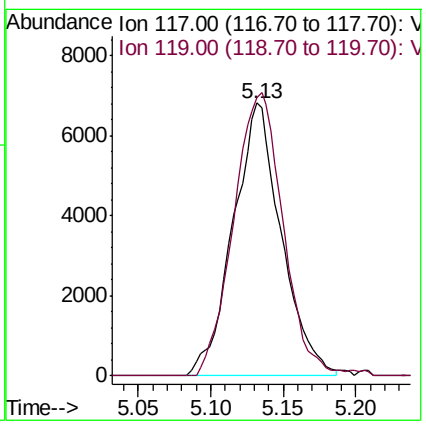


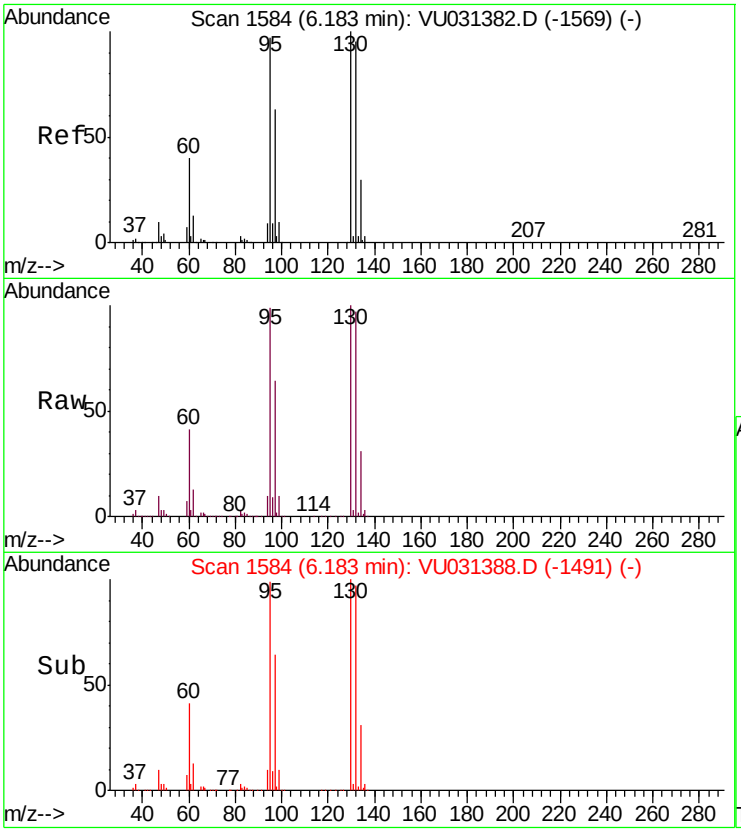


#31
Carbon tetrachloride
Concen: 2.946 ug/L
RT: 5.13 min Scan# 1257
Delta R.T. 0.00 min
Lab File: VU031388.D
Acq: 22 Apr 2019 12:51

Tgt Ion:117 Resp: 15741

Ion	Ratio	Lower	Upper
117	100		
119	105.9	78.0	117.0



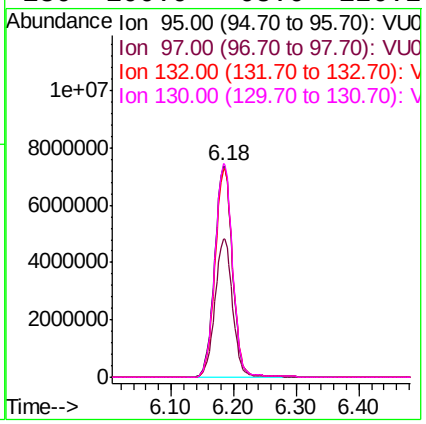


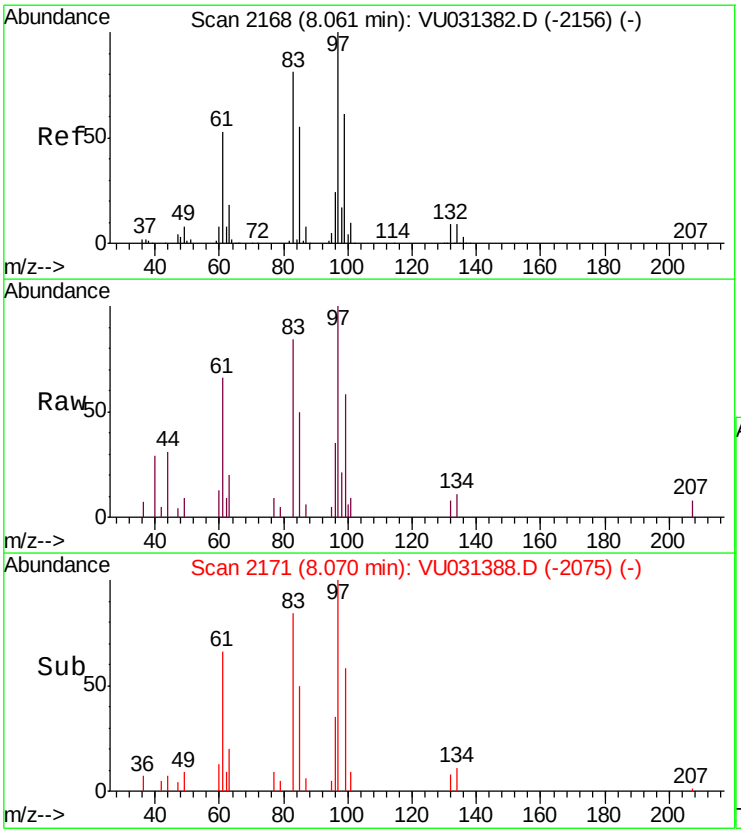
#34
Trichloroethene
Concen: 3720.966 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU031388.D
Acq: 22 Apr 2019 12:51

Instrument :
MSVOA_U
ClientSampleId :
C0X16

Tgt Ion: 95 Resp:14614708

Ion	Ratio	Lower	Upper
95	100		
97	65.1	43.6	81.0
132	97.9	64.5	119.7
130	100.9	68.0	126.2

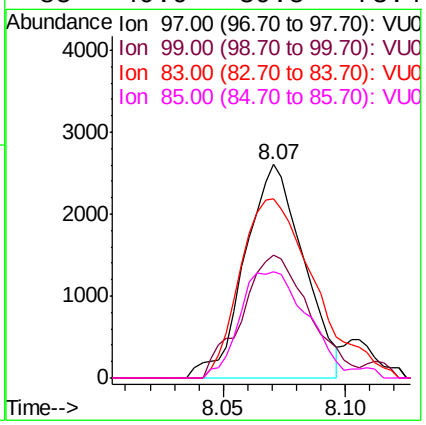


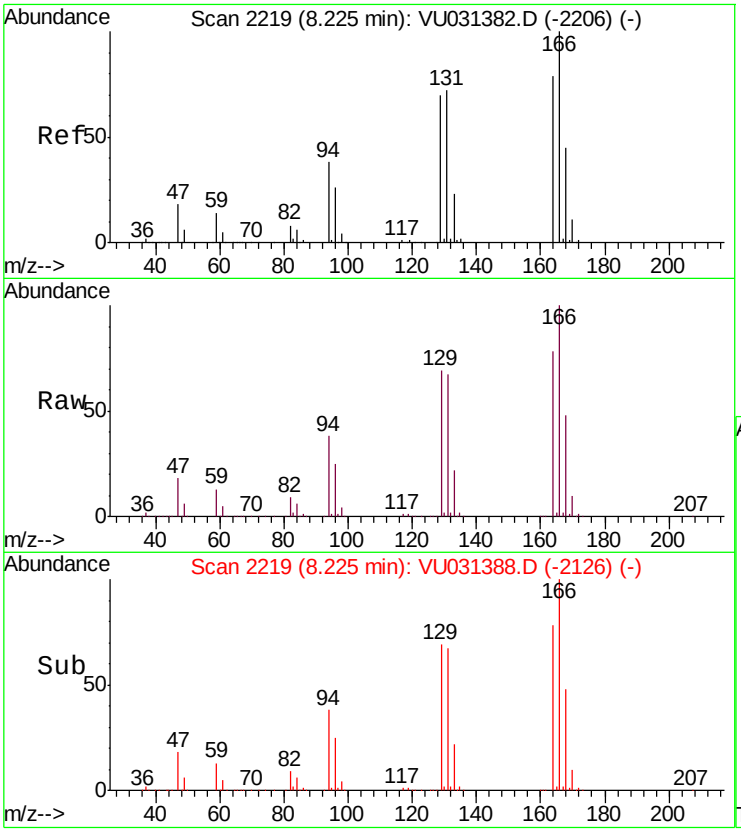


#45
1,1,2-Trichloroethane
Concen: 1.159 ug/L
RT: 8.07 min Scan# 2171
Delta R.T. 0.01 min
Lab File: VU031388.D
Acq: 22 Apr 2019 12:51

Tgt Ion: 97 Resp: 4338

Ion	Ratio	Lower	Upper
97	100		
99	57.7	42.2	78.4
83	83.9	59.8	111.1
85	49.9	39.5	73.4



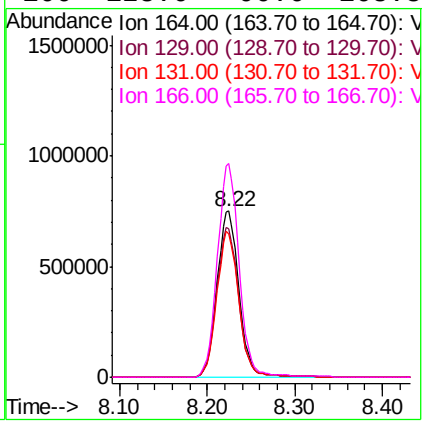


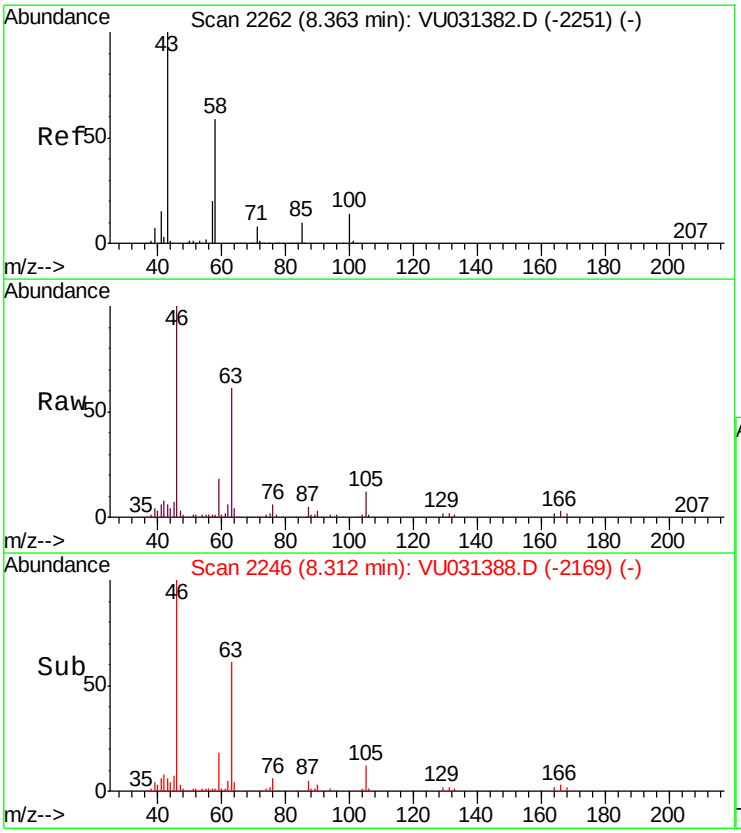
#46
Tetrachloroethene
Concen: 444.254 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU031388.D
Acq: 22 Apr 2019 12:51

Instrument :
MSVOA_U
ClientSampleId :
C0X16

Tgt Ion:164 Resp: 1312398

Ion	Ratio	Lower	Upper
164	100		
129	89.3	66.5	123.5
131	86.7	62.3	115.7
166	128.6	90.6	168.3

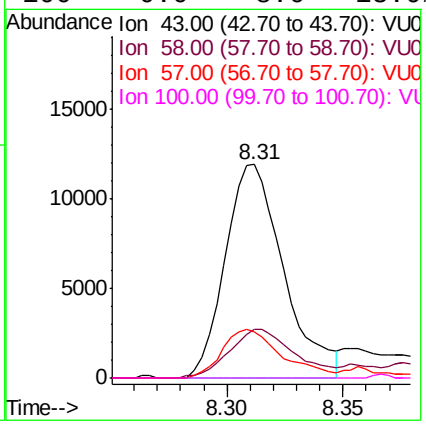


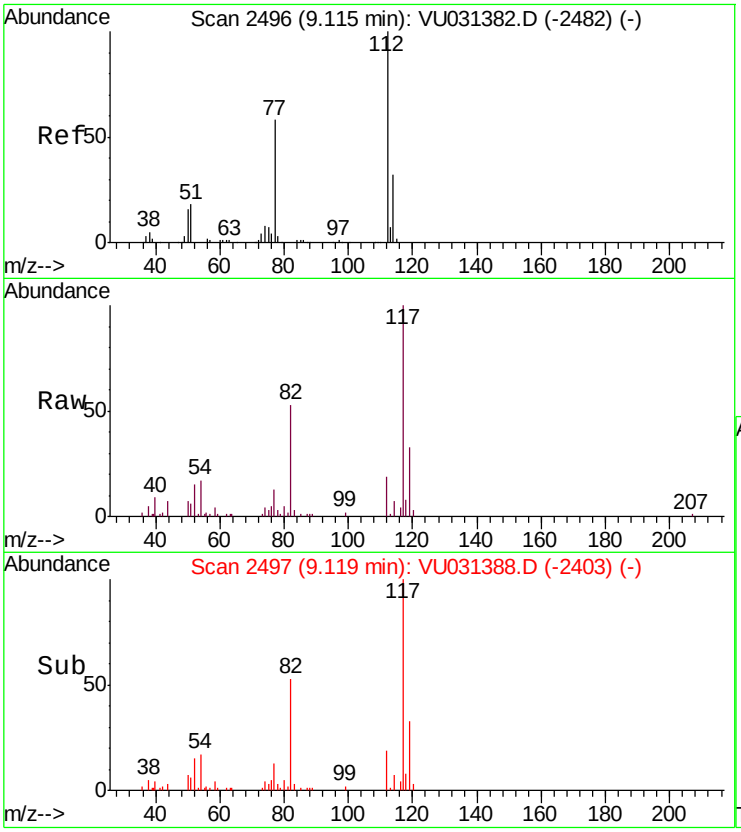


#48
2-Hexanone
Concen: 4.463 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.05 min
Lab File: VU031388.D
Acq: 22 Apr 2019 12:51

Tgt Ion: 43 Resp: 20821

Ion	Ratio	Lower	Upper
43	100		
58	25.6	44.9	67.3#
57	23.4	15.1	22.7#
100	0.0	8.6	13.0#



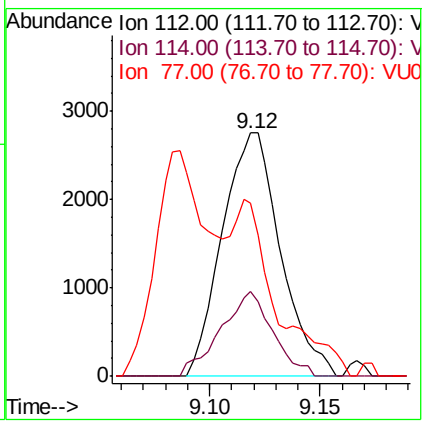


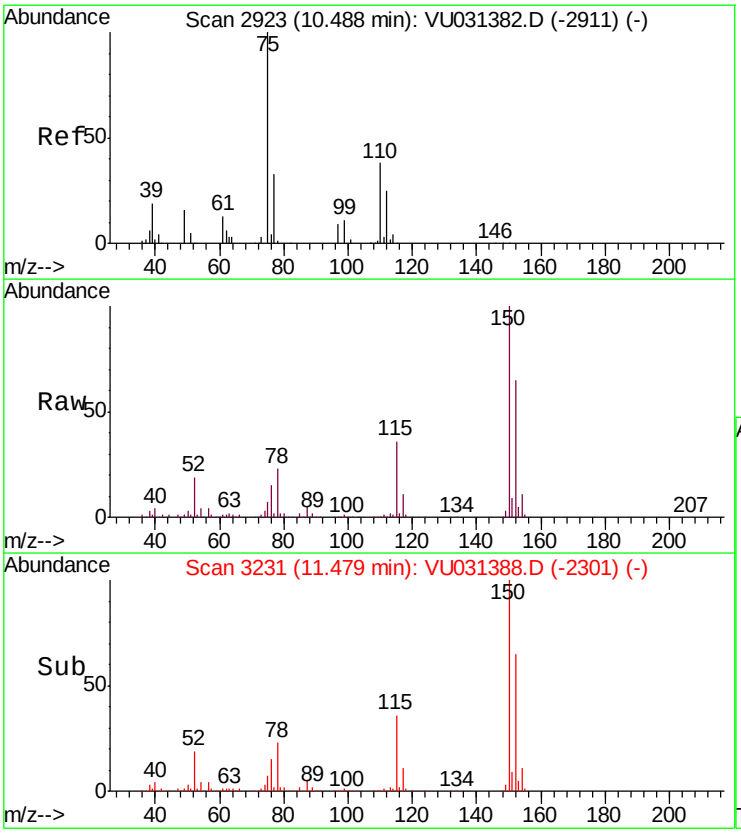
#51
Chlorobenzene
Concen: 0.518 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU031388.D
Acq: 22 Apr 2019 12:51

Instrument : MSVOA_U
ClientSampleId : C0X16

Tgt Ion:112 Resp: 5058

Ion	Ratio	Lower	Upper
112	100		
114	35.0	21.6	40.0
77	71.4	49.0	73.4





#59
1,2,3-Trichloropropane
Concen: 4.655 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031388.D
Acq: 22 Apr 2019 12:51

Tgt Ion: 75 Resp: 23017

Ion	Ratio	Lower	Upper
75	100		
77	37.6	25.4	38.2