Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\

Quantitation Report (Not Reviewed)

Data File : VU032984.D
Acq On : 22 Jun 2019 07:21
Operator : JC/SP
Sample : K3478-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF22

Quant Time: Jun 24 02:04:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 24 02:01:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	190074	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	186738	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88182	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	50571	38.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.86%			
7) Chloroethane-d5	1.68	69	45766	44.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.36%			
11) 1,1-Dichloroethene-d2	2.27	63	83335	31.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.70%			
21) 2-Butanone-d5	4.17	46	125178	115.78	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 115.78%			
24) Chloroform-d	4.64	84	120730	47.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.62%			
26) 1,2-Dichloroethane-d4	5.30	65	87136	51.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.60%			
32) Benzene-d6	5.33	84	229509	47.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.30%			
36) 1,2-Dichloropropane-d6	6.32	67	76033	49.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.06%			
41) Toluene-d8	7.56	98	201654	44.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.48%			
43) trans-1,3-Dichloropropene-	7.85	79	34154	42.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.68%			
47) 2-Hexanone-d5	8.31	63	73401	101.37	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.37%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	115892	48.34	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.68%			
64) 1,2-Dichlorobenzene-d4	11.85	152	84630	49.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.18%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	3561	2.063	ug/L #	71
8) Chloroethane	1.40	64	1839	1.851	ug/L #	47
12) 1,1-Dichloroethene	2.27	96	798	0.667	ug/L #	1
17) trans-1,2-Dichloroethene	2.98	96	3794	2.923	ug/L	92
20) cis-1,2-Dichloroethene	4.22	96	100091	70.784	ug/L	94
34) Trichloroethene	6.18	95	21530	14.979	ug/L	99
35) Methylcyclohexane	6.32	83	17777	8.002	ug/L #	18
37) 1,2-Dichloropropane	6.32	63	9281	6.290	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2435	1.059	ug/L #	76
44) trans-1,3-Dichloropropene	7.85	75	1815	0.841	ug/L	88
46) Tetrachloroethene	8.23	164	533	0.453	ug/L	87
48) 2-Hexanone	8.31	43	9680	4.657	ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	11550	5.865	ug/L	89

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

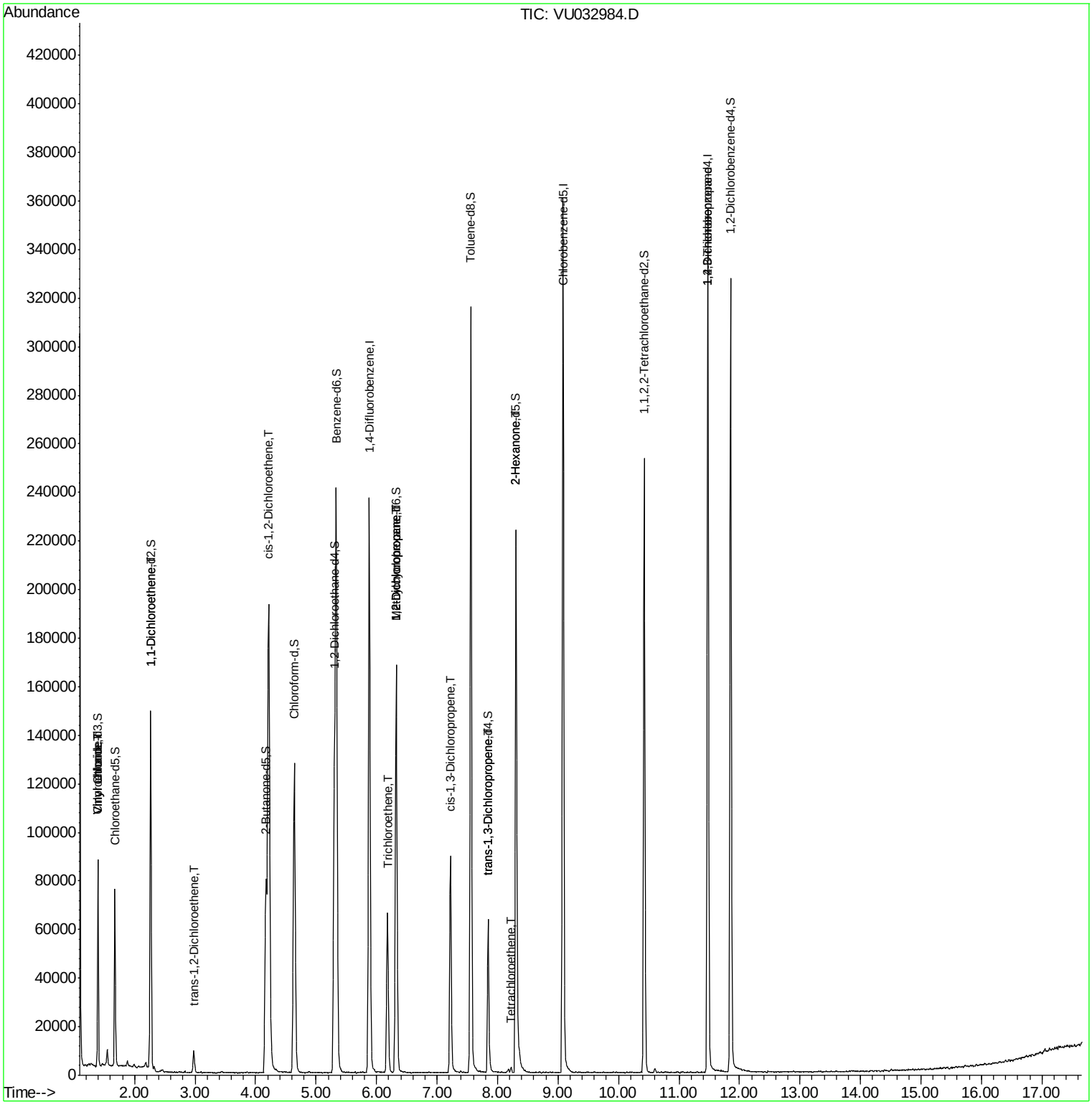
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\

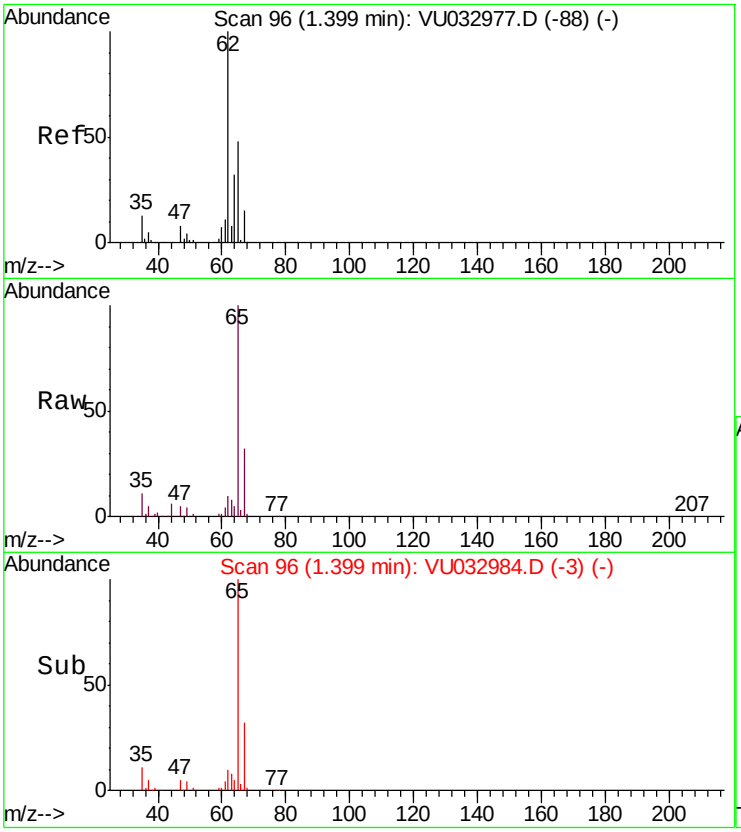
Quantitation Report (Not Reviewed)

Data File : VU032984.D
Acq On : 22 Jun 2019 07:21
Operator : JC/SP
Sample : K3478-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF22

Quant Time: Jun 24 02:04:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 24 02:01:10 2019
Response via : Initial Calibration



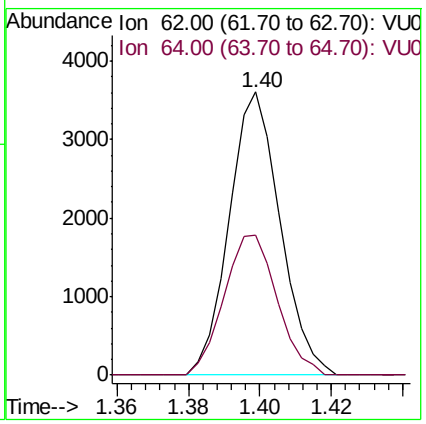


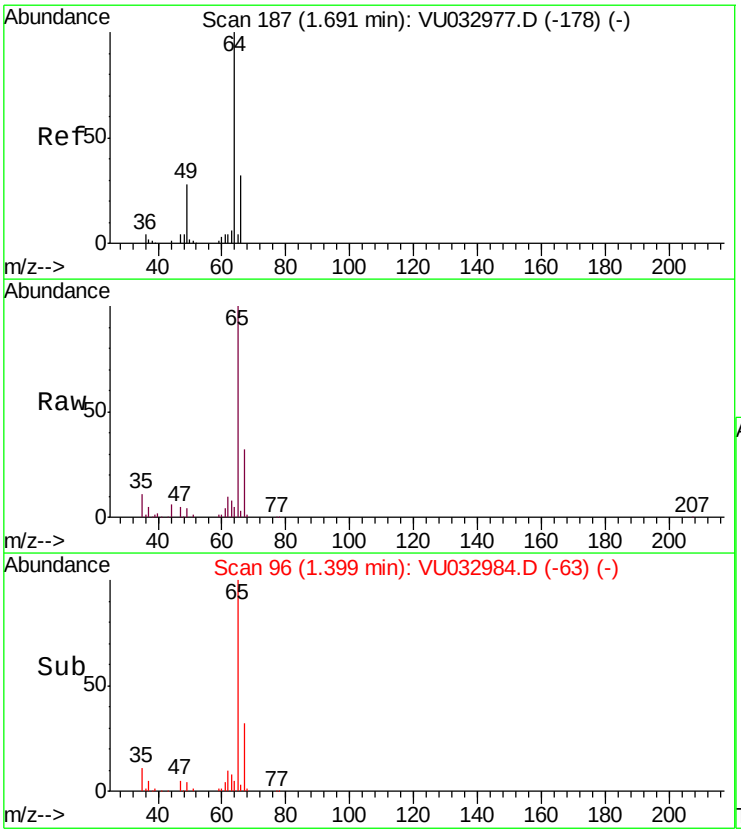
#5
Vinyl chloride
Concen: 2.063 ug/L
RT: 1.40 min Scan# 96
Delta R.T. 0.00 min
Lab File: VU032984.D
Acq: 22 Jun 2019 07:21

Instrument :
MSVOA_U
ClientSampleId :
ETF22

Tgt Ion: 62 Resp: 3561

Ion	Ratio	Lower	Upper
62	100		
64	49.4	23.0	42.6#

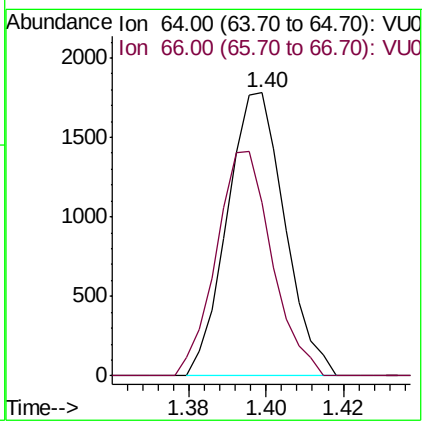


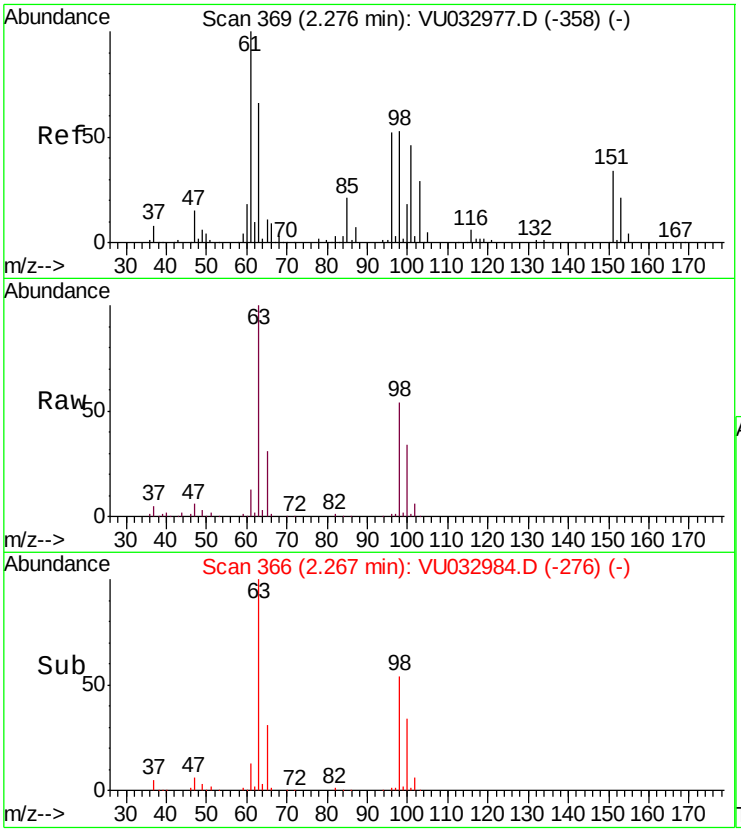


#8
Chloroethane
Concen: 1.851 ug/L
RT: 1.40 min Scan# 96
Delta R.T. -0.29 min
Lab File: VU032984.D
Acq: 22 Jun 2019 07:21

Tgt Ion: 64 Resp: 1839

Ion	Ratio	Lower	Upper
64	100		
66	61.5	22.5	41.7#



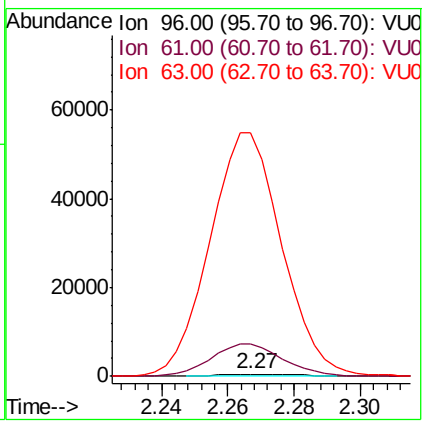


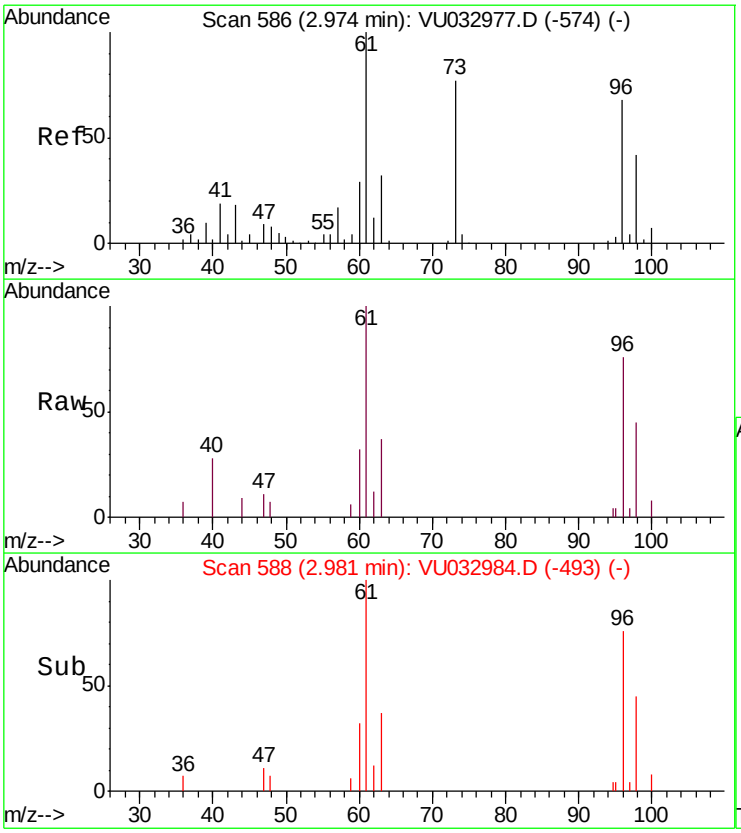
#12
1,1-Dichloroethene
Concen: 0.667 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032984.D
Acq: 22 Jun 2019 07:21

Instrument : MSVOA_U
ClientSampleId : ETF22

Tgt Ion: 96 Resp: 798

Ion	Ratio	Lower	Upper
96	100		
61	1488.4	131.0	243.4#
63	11402.9	101.0	187.6#

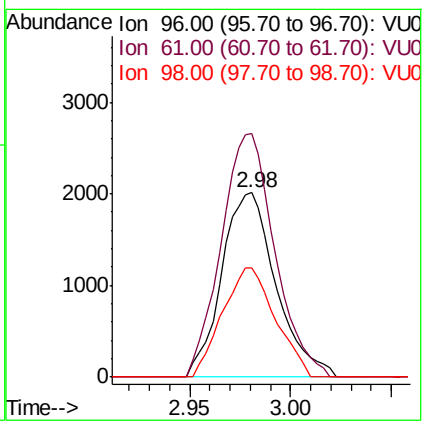


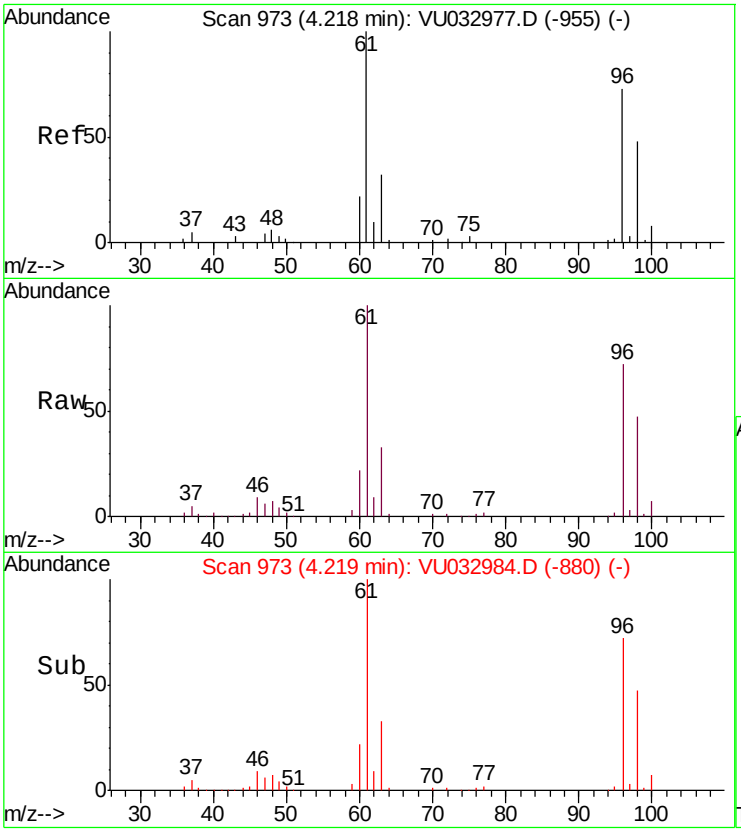


#17
trans-1,2-Dichloroethene
Concen: 2.923 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.01 min
Lab File: VU032984.D
Acq: 22 Jun 2019 07:21

Tgt Ion: 96 Resp: 3794

Ion	Ratio	Lower	Upper
96	100		
61	131.9	100.9	187.5
98	59.0	44.0	81.8



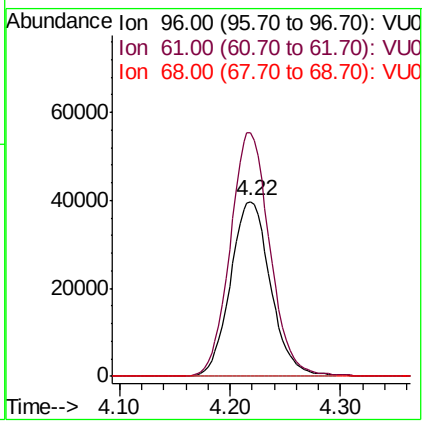


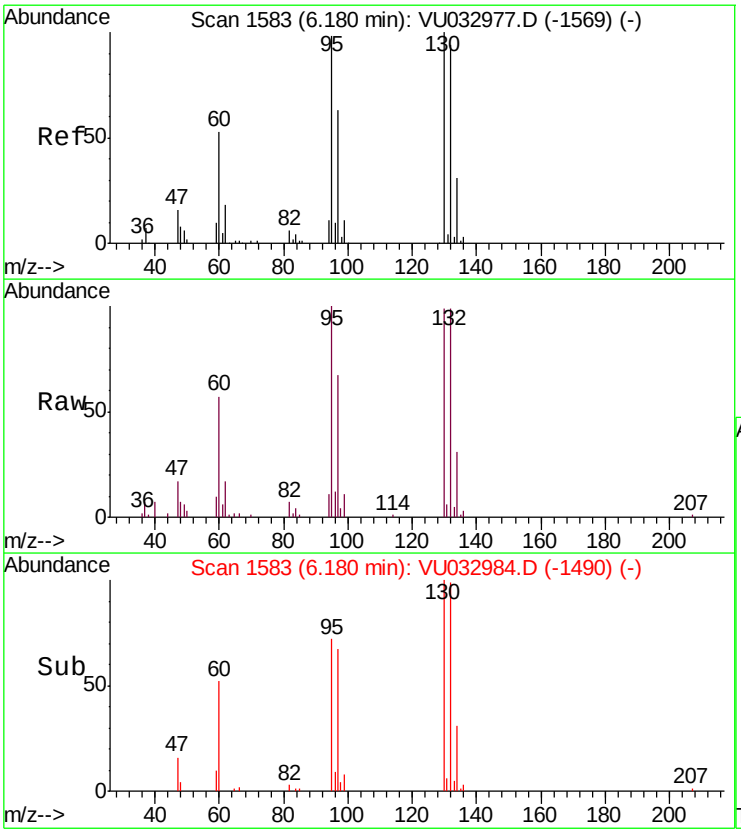
#20
cis-1,2-Dichloroethene
Concen: 70.784 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU032984.D
Acq: 22 Jun 2019 07:21

Instrument :
MSVOA_U
ClientSampleId :
ETF22

Tgt Ion: 96 Resp: 100091

Ion	Ratio	Lower	Upper
96	100		
61	139.1	92.4	171.6
68	0.0	0.0	0.0

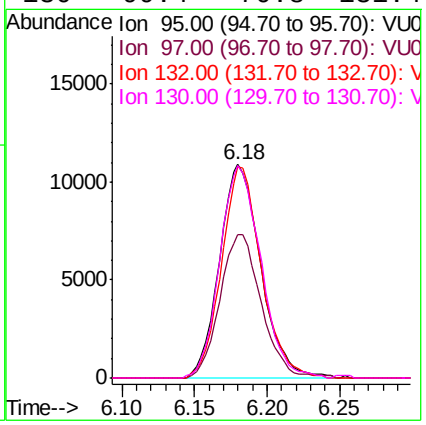


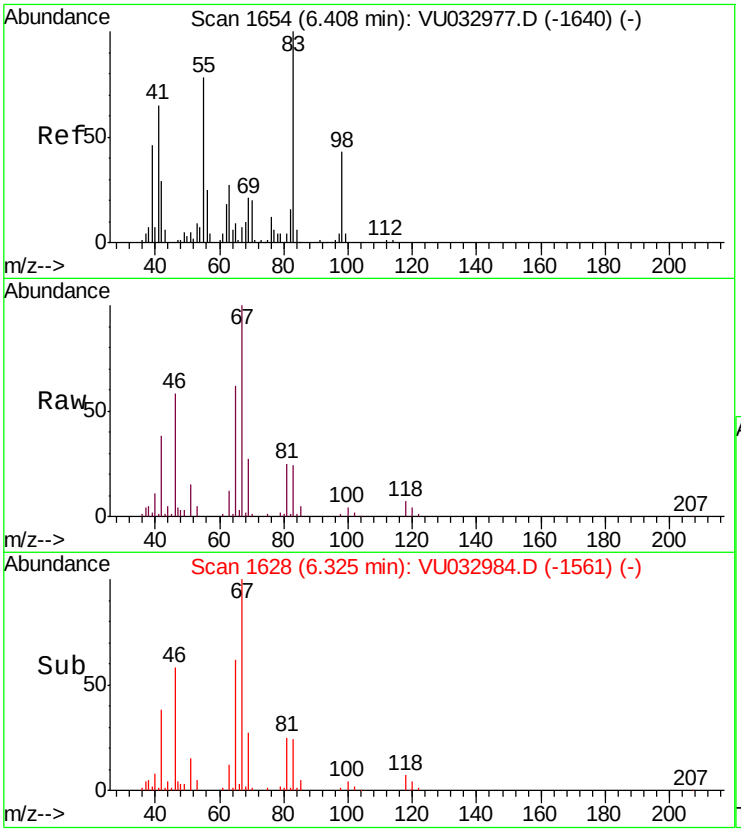


#34
Trichloroethene
Concen: 14.979 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032984.D
Acq: 22 Jun 2019 07:21

Tgt Ion: 95 Resp: 21530

Ion	Ratio	Lower	Upper
95	100		
97	66.9	45.9	85.3
132	98.8	68.5	127.3
130	99.4	70.8	131.4



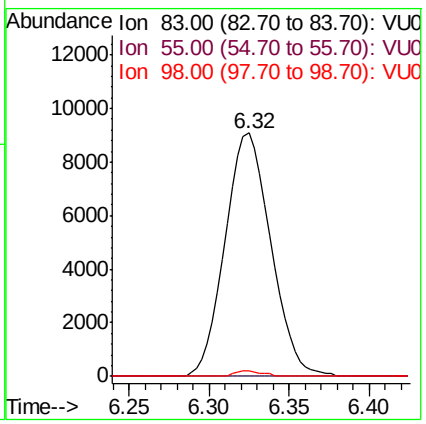


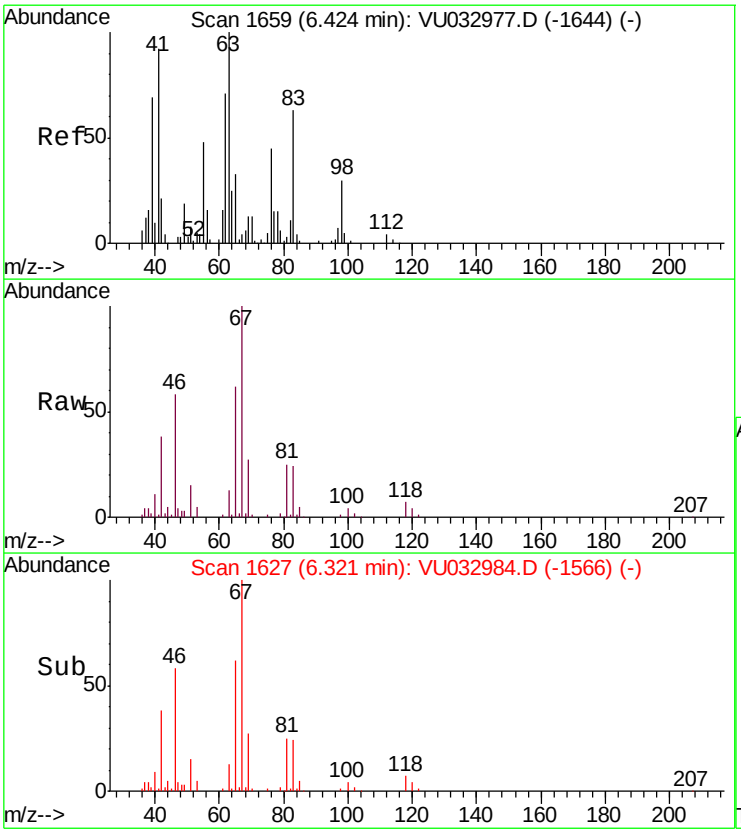
#35
Methylcyclohexane
Concen: 8.002 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032984.D
Acq: 22 Jun 2019 07:21

Instrument : MSVOA_U
ClientSampleId : ETF22

Tgt Ion: 83 Resp: 17777

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	1.3	37.4	56.0#

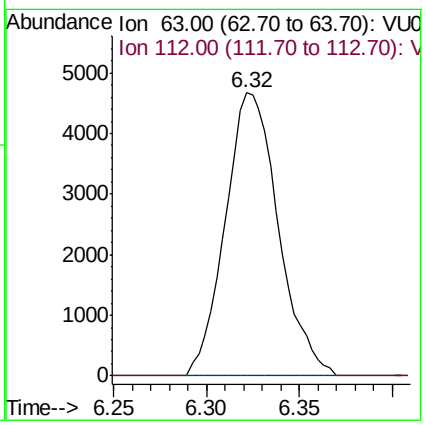


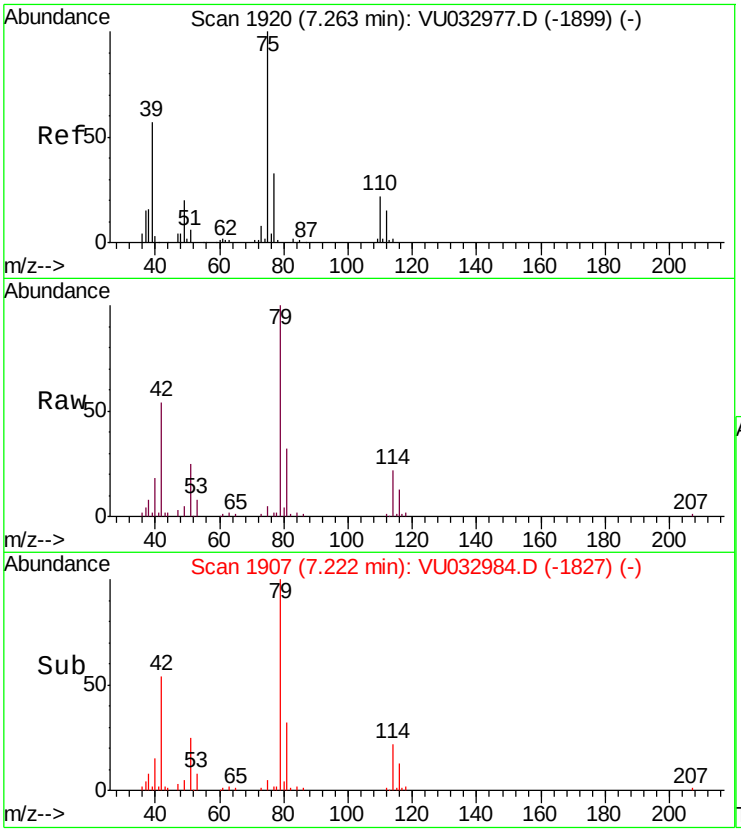


#37
1,2-Dichloropropane
Concen: 6.290 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.10 min
Lab File: VU032984.D
Acq: 22 Jun 2019 07:21

Tgt Ion: 63 Resp: 9281

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



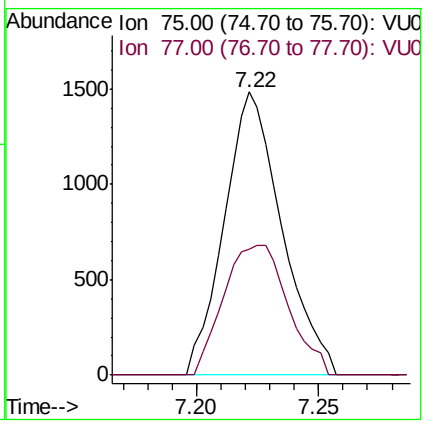


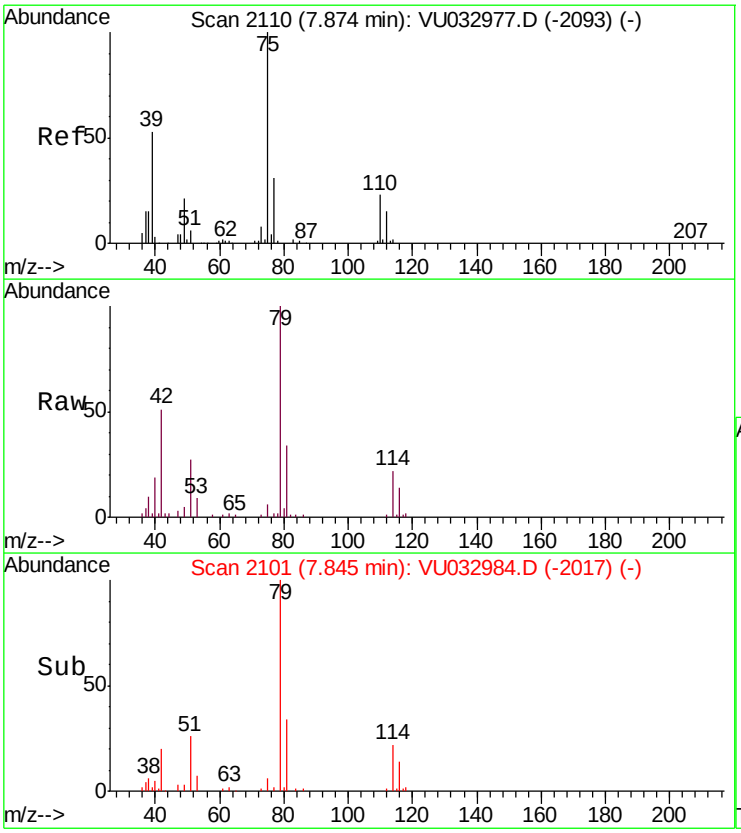
#39
cis-1,3-Dichloropropene
Concen: 1.059 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032984.D
Acq: 22 Jun 2019 07:21

Instrument :
MSVOA_U
ClientSampleId :
ETF22

Tgt Ion: 75 Resp: 2435

Ion	Ratio	Lower	Upper
75	100		
77	44.5	21.9	40.7#

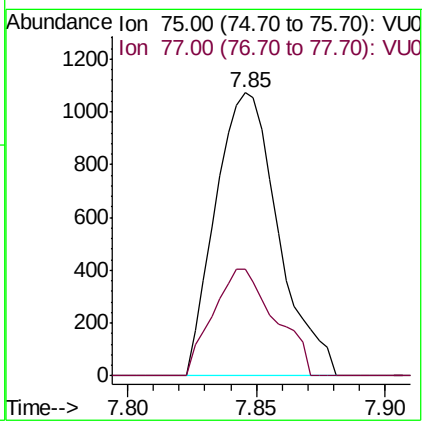


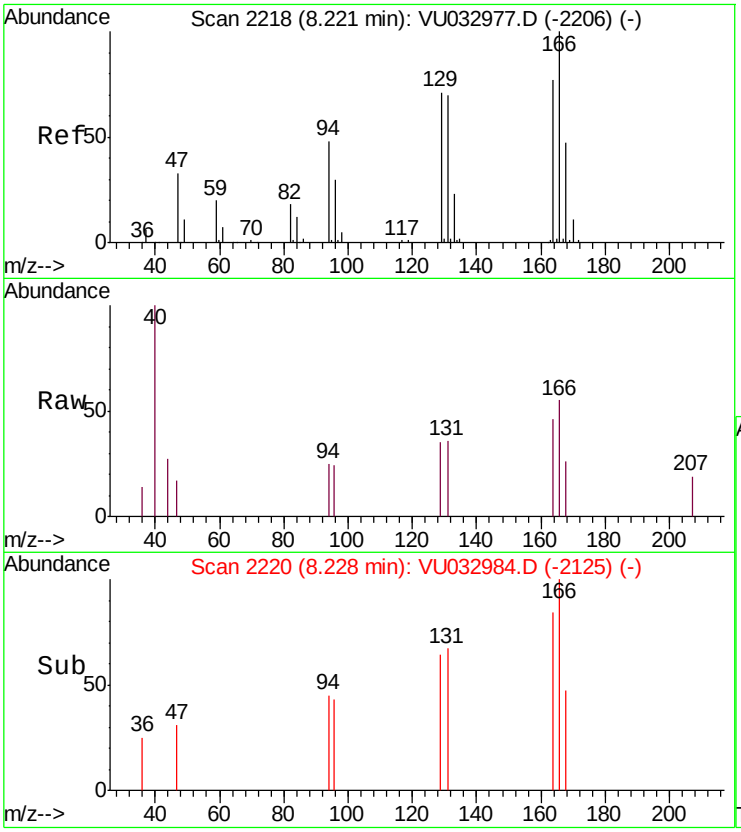


#44
trans-1,3-Dichloropropene
Concen: 0.841 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032984.D
Acq: 22 Jun 2019 07:21

Tgt Ion: 75 Resp: 1815

Ion	Ratio	Lower	Upper
75	100		
77	37.8	21.8	40.4



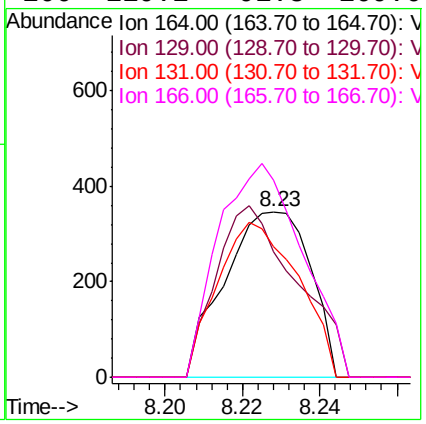


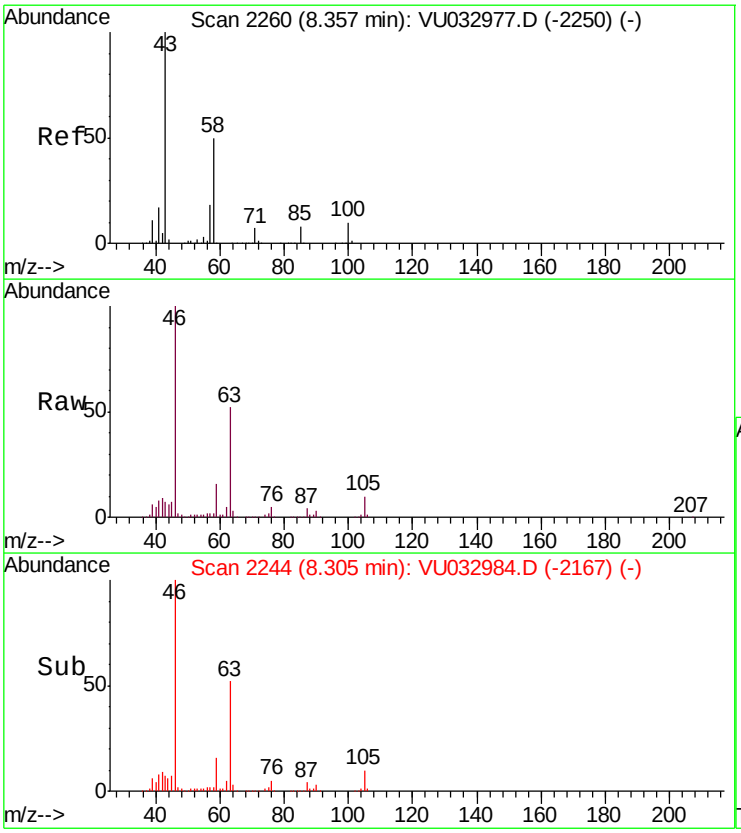
#46
Tetrachloroethene
Concen: 0.453 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU032984.D
Acq: 22 Jun 2019 07:21

Instrument :
MSVOA_U
ClientSampleId :
ETF22

Tgt Ion:164 Resp: 533

Ion	Ratio	Lower	Upper
164	100		
129	76.0	64.8	120.3
131	79.2	64.5	119.7
166	119.1	91.3	169.6

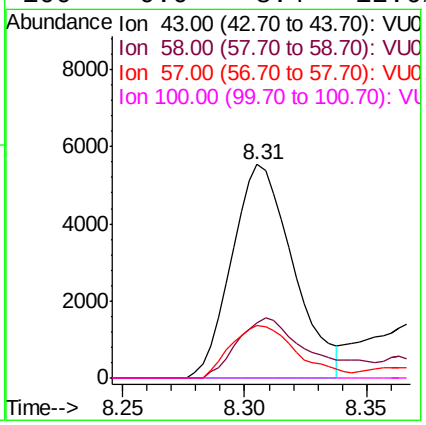


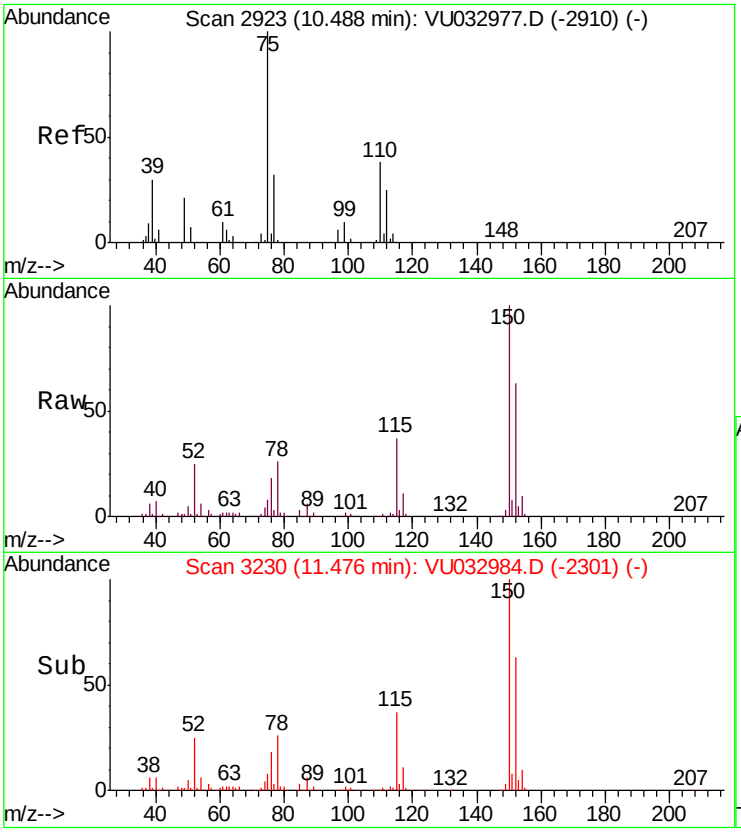


#48
2-Hexanone
Concen: 4.657 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU032984.D
Acq: 22 Jun 2019 07:21

Tgt Ion: 43 Resp: 9680

Ion	Ratio	Lower	Upper
43	100		
58	30.5	40.2	60.2#
57	26.6	14.2	21.4#
100	0.0	8.4	12.6#





#59
1,2,3-Trichloropropane
Concen: 5.865 ug/L
RT: 11.48 min Scan# 3230
Delta R.T. 0.99 min
Lab File: VU032984.D
Acq: 22 Jun 2019 07:21

Instrument :
MSVOA_U
ClientSampleId :
ETF22

Tgt Ion: 75 Resp: 11550

Ion	Ratio	Lower	Upper
75	100		
77	38.0	25.5	38.3