Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032819\

Quantitation Report (Not Reviewed)

Data File : VU030524.D
Acq On : 28 Mar 2019 18:58
Operator : JC/SP
Sample : K2128-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1A6

Quant Time: Mar 29 01:23:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 01:19:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	419706	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	394577	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	150628	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	147830	43.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.54%			
7) Chloroethane-d5	1.68	69	126298	47.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.34%			
11) 1,1-Dichloroethene-d2	2.27	63	214346	33.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.90%			
21) 2-Butanone-d5	4.17	46	280140	88.23	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.23%			
24) Chloroform-d	4.64	84	268872	46.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.40%			
26) 1,2-Dichloroethane-d4	5.31	65	186639	49.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.02%			
32) Benzene-d6	5.34	84	529129	46.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.52%			
36) 1,2-Dichloropropane-d6	6.33	67	197358	50.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.96%			
41) Toluene-d8	7.56	98	447984	44.08	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.16%			
43) trans-1,3-Dichloropropene-	7.85	79	76596	42.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.16%			
47) 2-Hexanone-d5	8.31	63	174190	83.03	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 83.03%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	266169	48.05	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.10%			
64) 1,2-Dichlorobenzene-d4	11.86	152	152222	50.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.88%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	5886	1.136	ug/L	98
5) Vinyl chloride	1.40	62	13556	2.760	ug/L #	75
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	3248	1.060	ug/L #	35
12) 1,1-Dichloroethene	2.28	96	2681	0.893	ug/L #	1
13) Acetone	2.32	43	23806	7.414	ug/L	95
17) trans-1,2-Dichloroethene	2.98	96	3066	0.973	ug/L	82
20) cis-1,2-Dichloroethene	4.22	96	216927	61.397	ug/L	99
34) Trichloroethene	6.18	95	217230	65.788	ug/L	98
39) cis-1,3-Dichloropropene	7.22	75	5016	0.916	ug/L #	78
44) trans-1,3-Dichloropropene	7.85	75	3330	0.691	ug/L	85
48) 2-Hexanone	8.36	43	15748	3.001	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	20182	4.350	ug/L	89

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

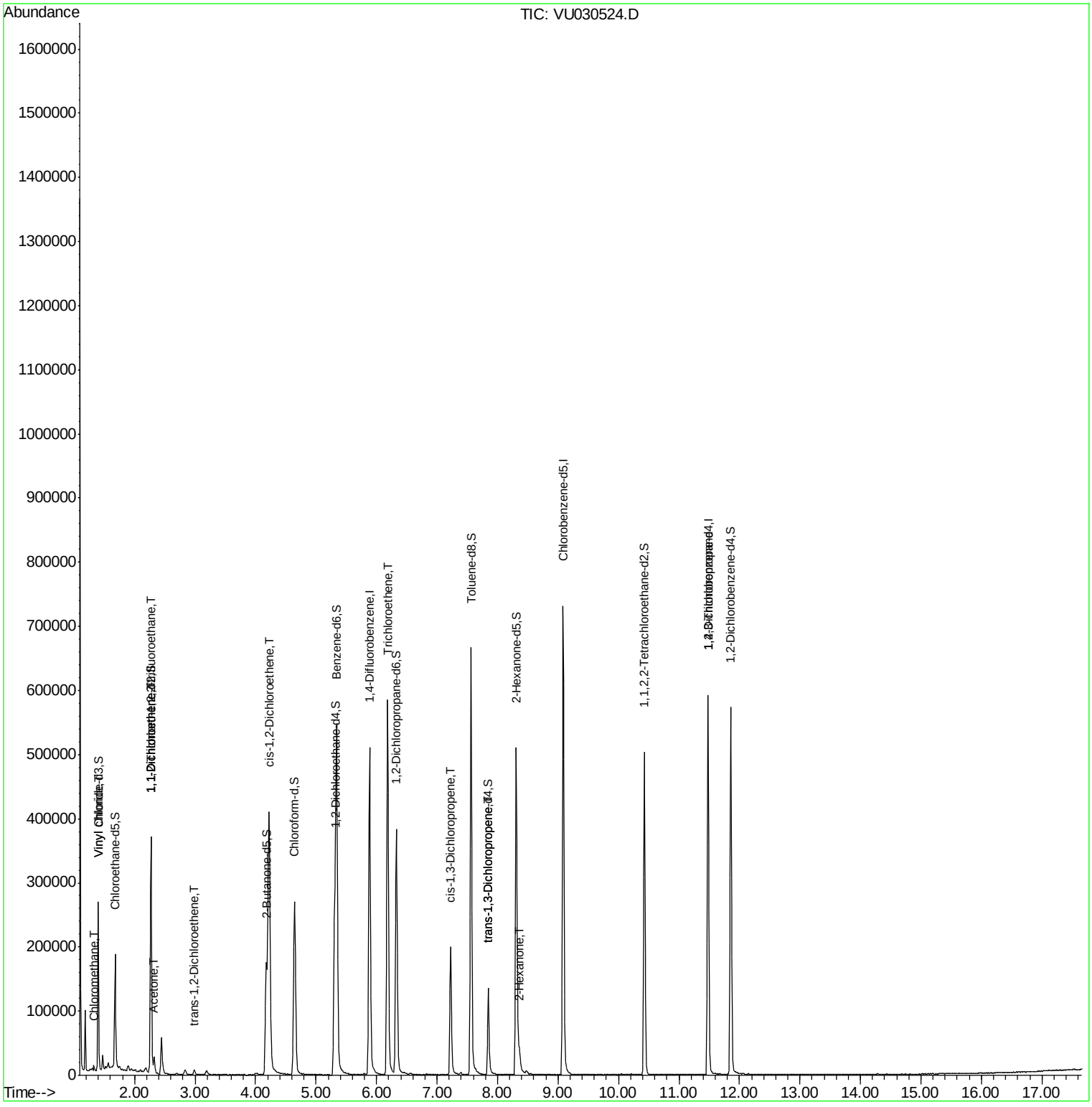
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032819\

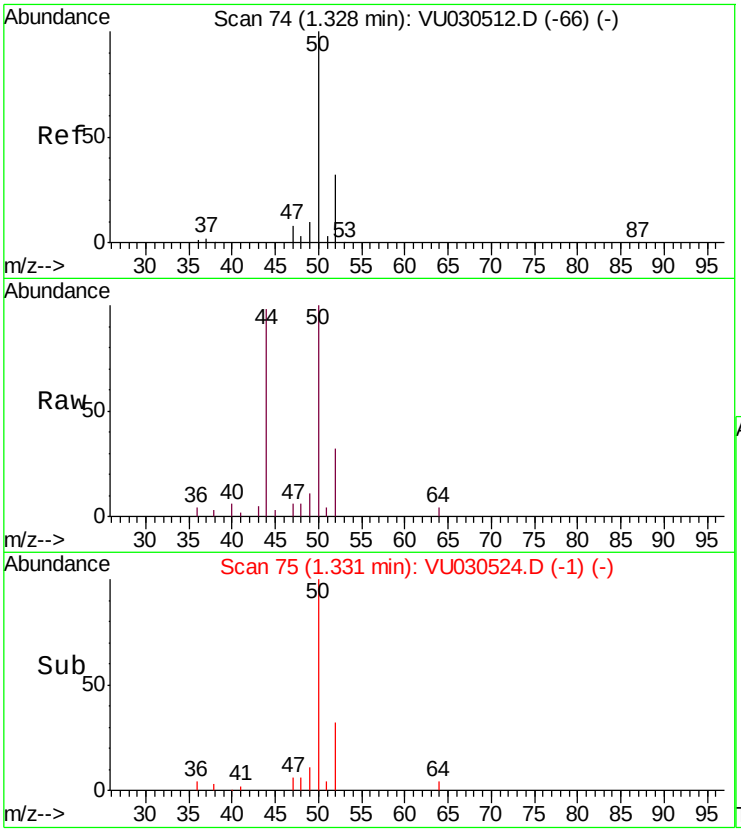
Quantitation Report (Not Reviewed)

Data File : VU030524.D
Acq On : 28 Mar 2019 18:58
Operator : JC/SP
Sample : K2128-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1A6

Quant Time: Mar 29 01:23:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 01:19:16 2019
Response via : Initial Calibration



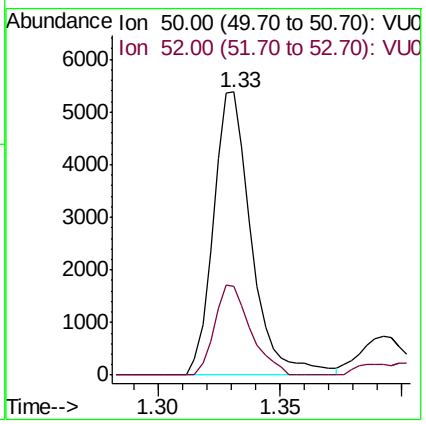


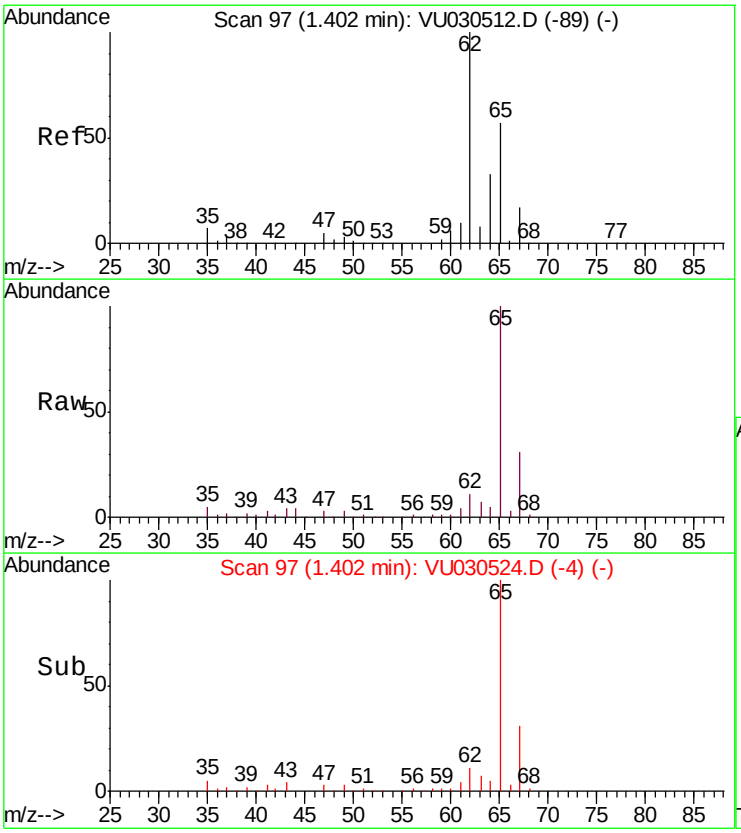
#3
Chloromethane
Concen: 1.136 ug/L
RT: 1.33 min Scan# 75
Delta R.T. 0.00 min
Lab File: VU030524.D
Acq: 28 Mar 2019 18:58

Instrument :
MSVOA_U
ClientSampleId :
BF1A6

Tgt Ion: 50 Resp: 5886

Ion	Ratio	Lower	Upper
50	100		
52	31.5	23.0	42.6

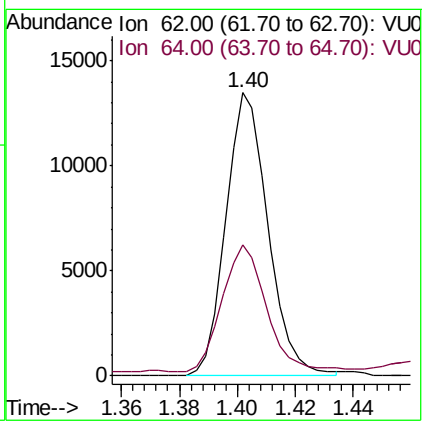


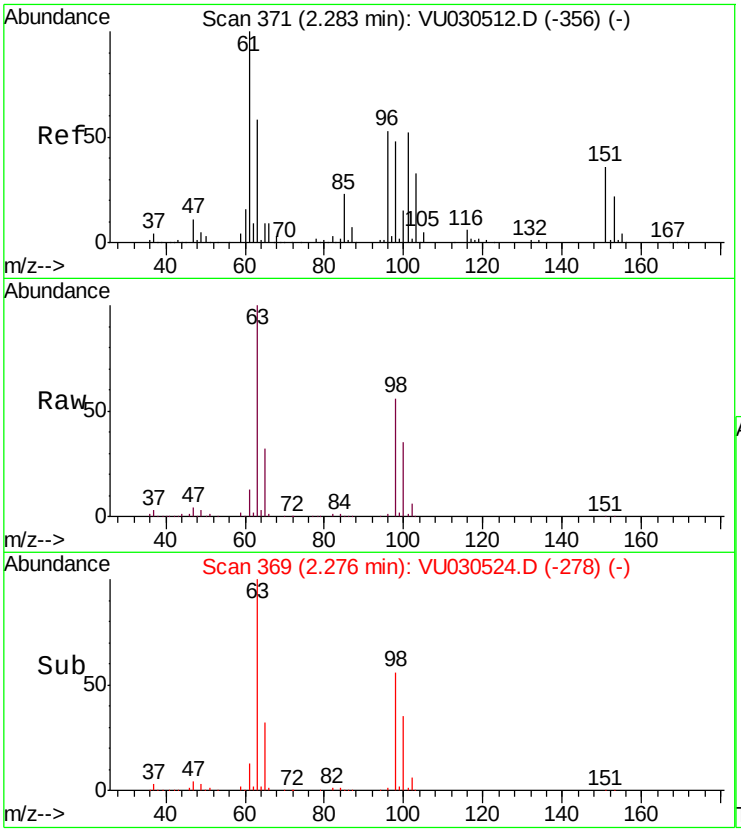


#5
Vinyl chloride
Concen: 2.760 ug/L
RT: 1.40 min Scan# 97
Delta R.T. -0.00 min
Lab File: VU030524.D
Acq: 28 Mar 2019 18:58

Tgt Ion: 62 Resp: 13556

Ion	Ratio	Lower	Upper
62	100		
64	46.3	22.6	42.0#



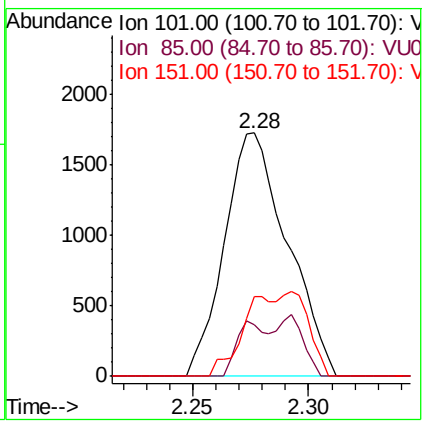


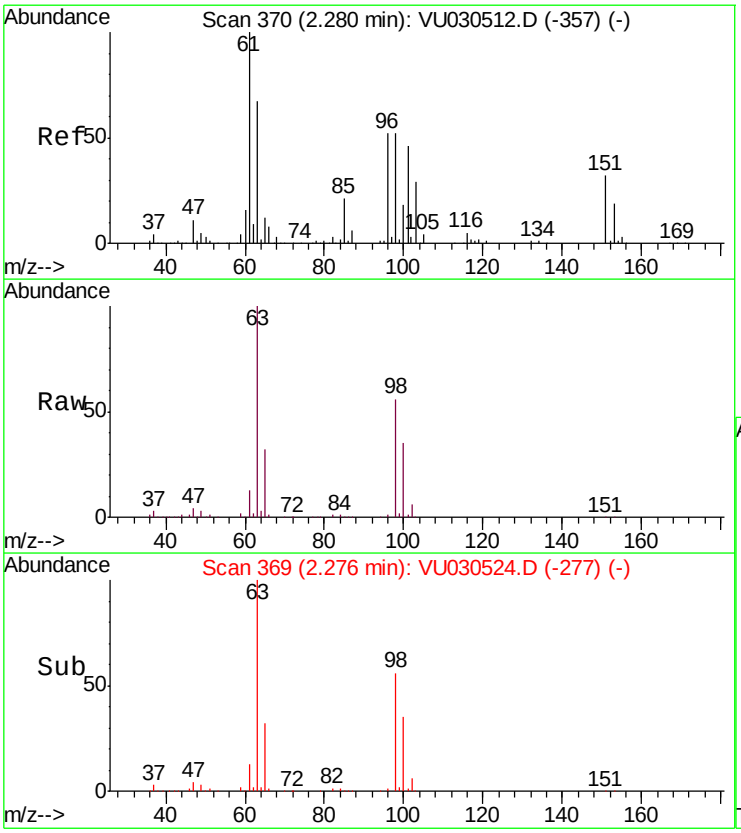
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.060 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.01 min
Lab File: VU030524.D
Acq: 28 Mar 2019 18:58

Instrument : MSVOA_U
ClientSampleId : BF1A6

Tgt Ion:101 Resp: 3248

Ion	Ratio	Lower	Upper
101	100		
85	10.7	34.8	52.2#
151	10.0	56.6	85.0#

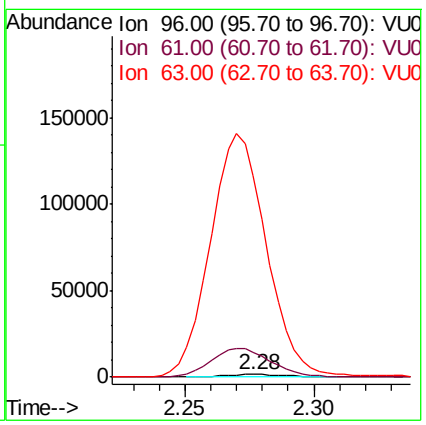


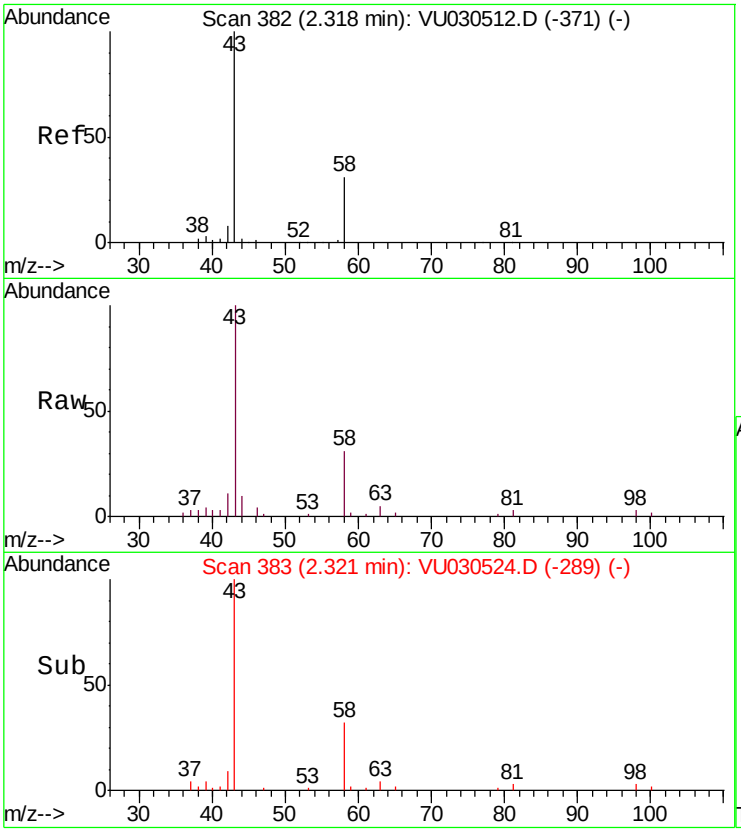


#12
1,1-Dichloroethene
Concen: 0.893 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.00 min
Lab File: VU030524.D
Acq: 28 Mar 2019 18:58

Tgt Ion: 96 Resp: 2681

Ion	Ratio	Lower	Upper
96	100		
61	949.8	131.0	243.4#
63	7557.8	92.4	171.6#



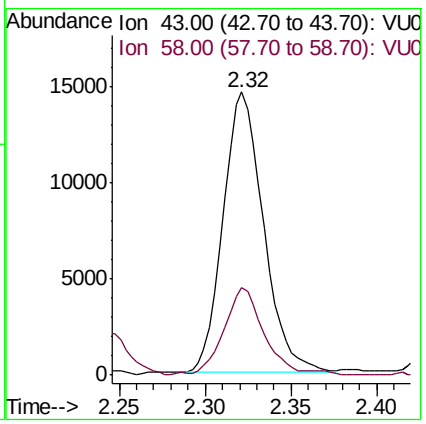


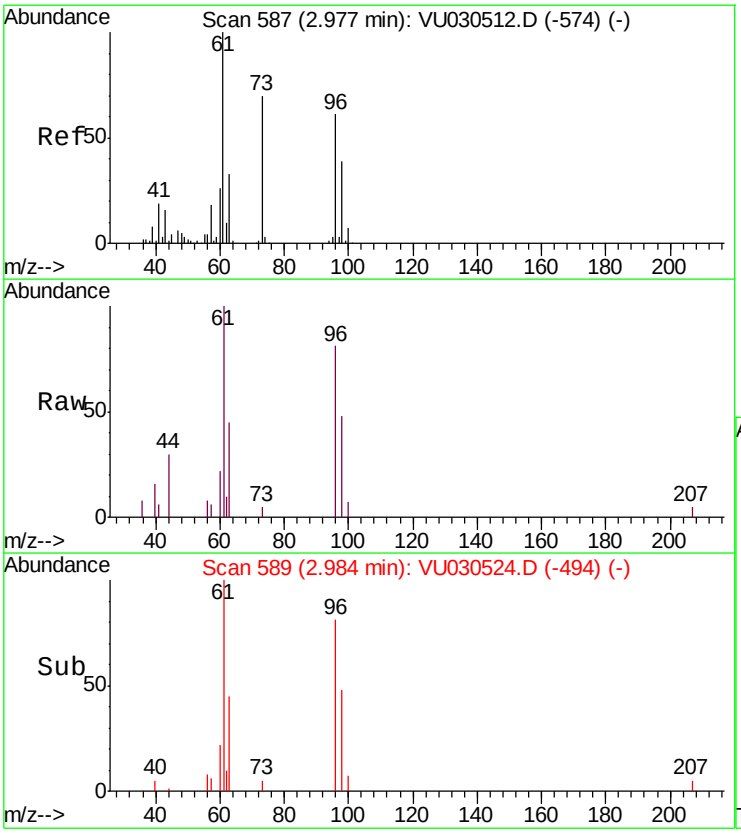
#13
Acetone
Concen: 7.414 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU030524.D
Acq: 28 Mar 2019 18:58

Instrument : MSVOA_U
ClientSampleId : BF1A6

Tgt Ion: 43 Resp: 23806

Ion	Ratio	Lower	Upper
43	100		
58	28.7	0.0	62.8

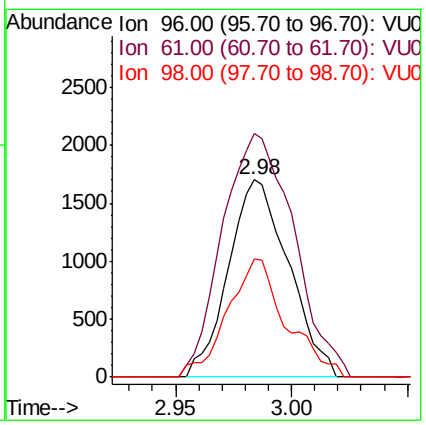


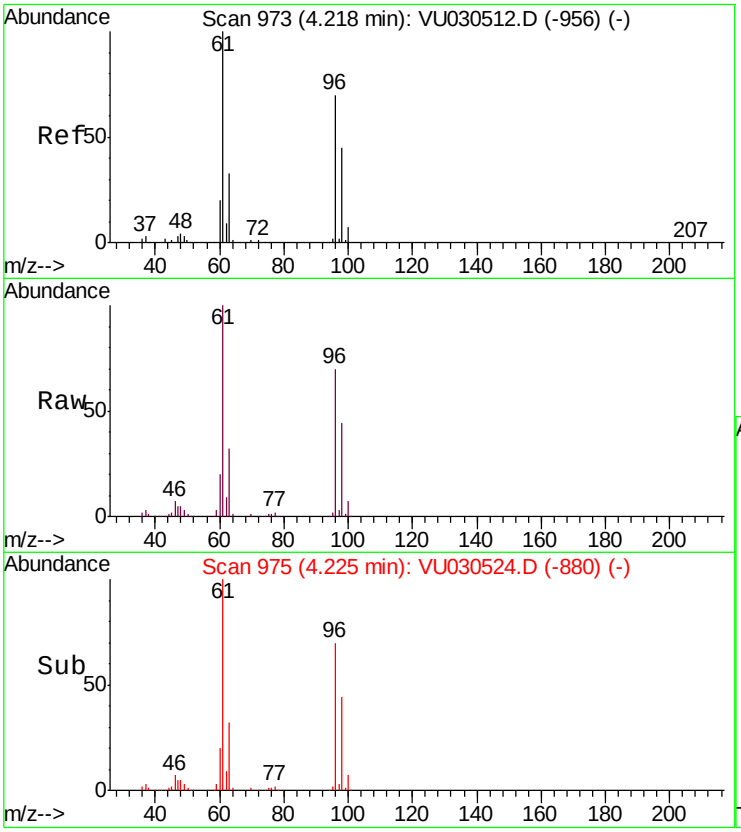


#17
trans-1,2-Dichloroethene
Concen: 0.973 ug/L
RT: 2.98 min Scan# 589
Delta R.T. 0.01 min
Lab File: VU030524.D
Acq: 28 Mar 2019 18:58

Tgt Ion: 96 Resp: 3066

Ion	Ratio	Lower	Upper
96	100		
61	123.4	108.6	201.8
98	59.7	42.3	78.5



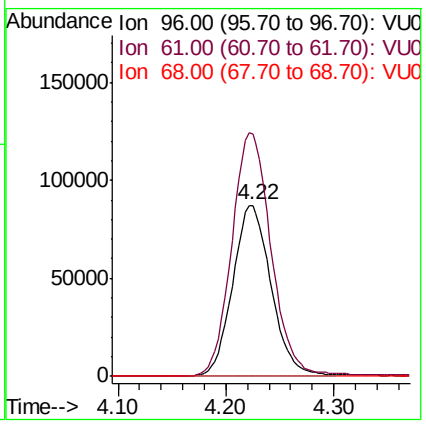


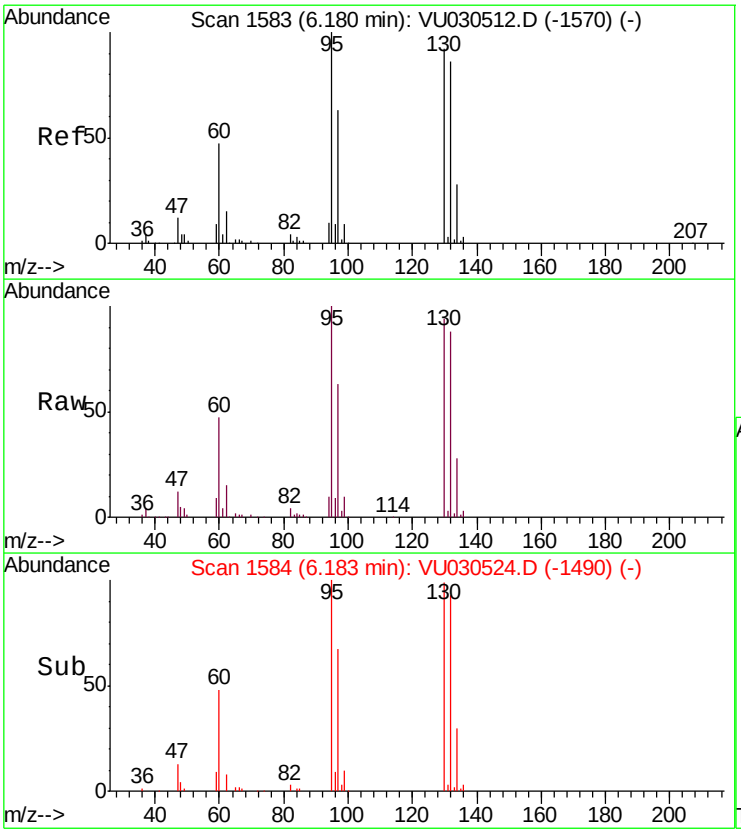
#20
cis-1,2-Dichloroethene
Concen: 61.397 ug/L
RT: 4.22 min Scan# 975
Delta R.T. 0.01 min
Lab File: VU030524.D
Acq: 28 Mar 2019 18:58

Instrument :
MSVOA_U
ClientSampleId :
BF1A6

Tgt Ion: 96 Resp: 216927

Ion	Ratio	Lower	Upper
96	100		
61	142.1	98.4	182.8
68	0.0	0.0	0.0

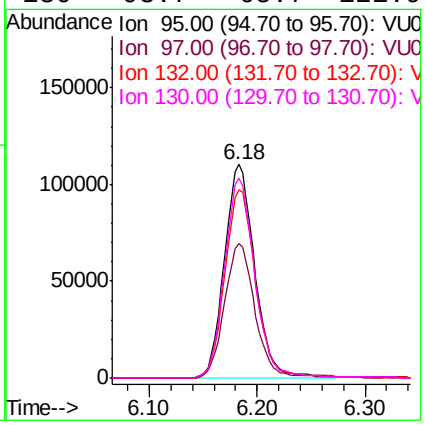


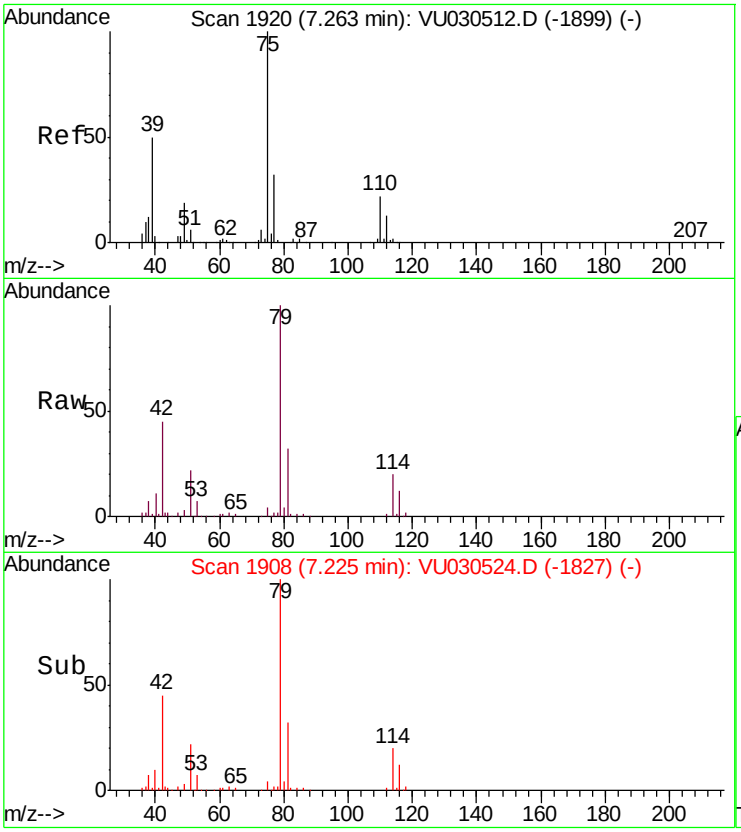


#34
Trichloroethene
Concen: 65.788 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU030524.D
Acq: 28 Mar 2019 18:58

Tgt Ion: 95 Resp: 217230

Ion	Ratio	Lower	Upper
95	100		
97	62.9	45.7	84.9
132	88.1	63.8	118.4
130	93.7	65.7	121.9



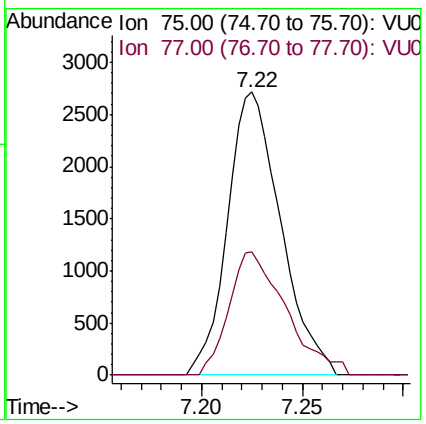


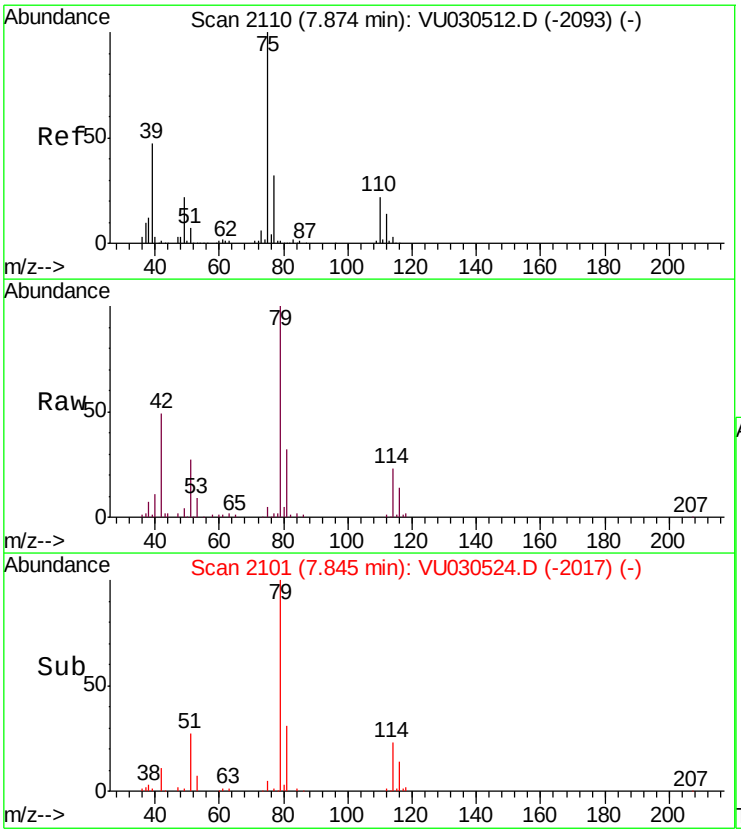
#39
cis-1,3-Dichloropropene
Concen: 0.916 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030524.D
Acq: 28 Mar 2019 18:58

Instrument :
MSVOA_U
ClientSampleId :
BF1A6

Tgt Ion: 75 Resp: 5016

Ion	Ratio	Lower	Upper
75	100		
77	43.4	21.8	40.6#

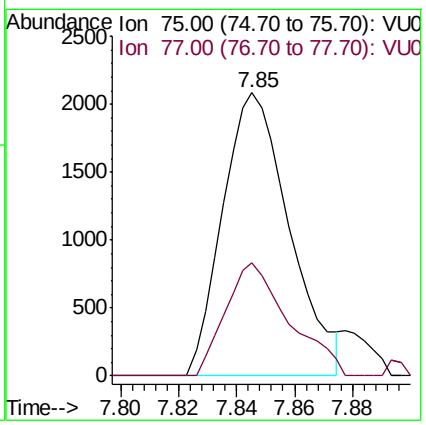


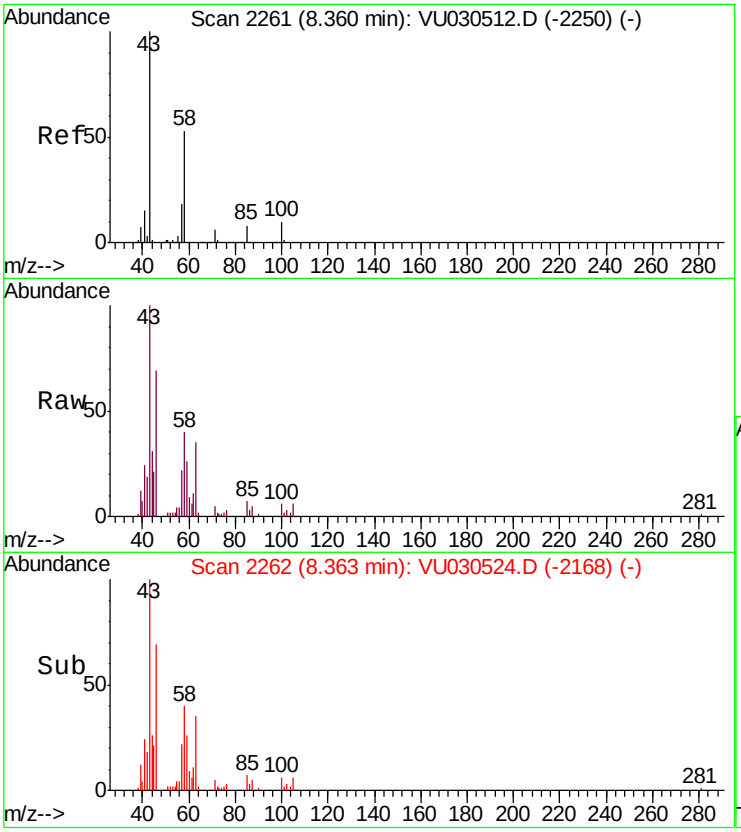


#44
trans-1,3-Dichloropropene
Concen: 0.691 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030524.D
Acq: 28 Mar 2019 18:58

Tgt Ion: 75 Resp: 3330

Ion	Ratio	Lower	Upper
75	100		
77	39.9	22.0	40.8



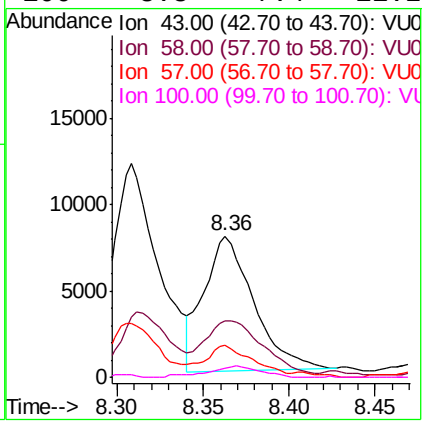


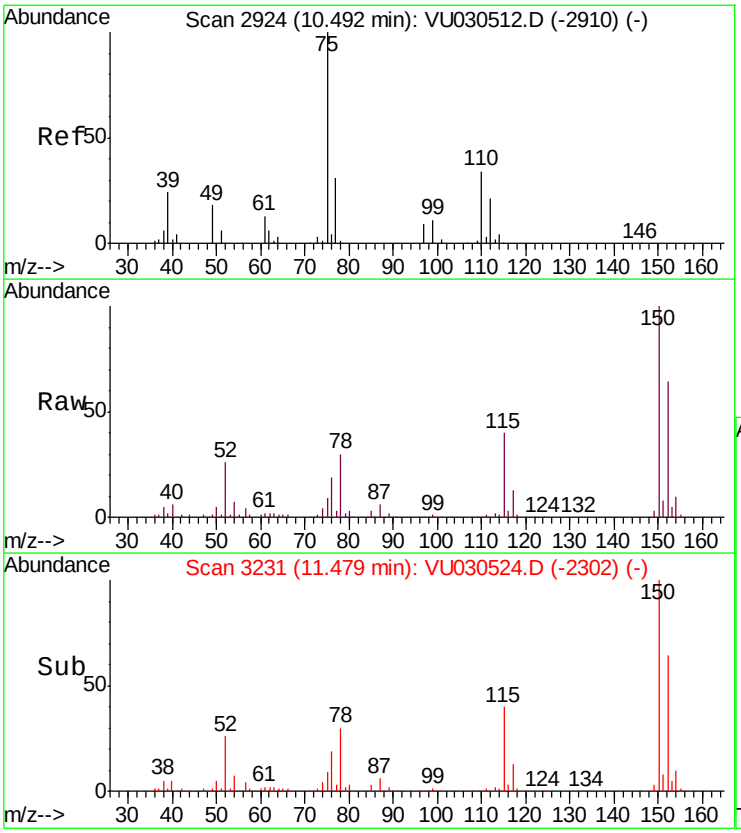
#48
2-Hexanone
Concen: 3.001 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU030524.D
Acq: 28 Mar 2019 18:58

Instrument :
MSVOA_U
ClientSampleId :
BF1A6

Tgt Ion: 43 Resp: 15748

Ion	Ratio	Lower	Upper
43	100		
58	51.6	42.5	63.7
57	18.7	15.0	22.6
100	8.3	7.4	11.2





#59
1,2,3-Trichloropropane
Concen: 4.350 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030524.D
Acq: 28 Mar 2019 18:58

Tgt Ion: 75 Resp: 20182

Ion	Ratio	Lower	Upper
75	100		
77	37.9	25.4	38.2