Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051219\
Data File : VU031950.D
Acq On : 12 May 2019 18:05
Operator : JC/SP
Sample : K2791-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D53

Quant Time: May 13 07:44:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 13 07:00:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	474070	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	488192	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	175167	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	118122	3.66	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.20%			
7) Chloroethane-d5	1.68	69	123965	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.00%			
11) 1,1-Dichloroethene-d2	2.27	63	194310	2.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 55.80%#			
20) 2-Butanone-d5	4.20	46	545084	43.21	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.42%			
24) Chloroform-d	4.64	84	285672	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.20%			
26) 1,2-Dichloroethane-d4	5.31	65	155901	3.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.60%			
32) Benzene-d6	5.33	84	522229	4.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.60%			
36) 1,2-Dichloropropane-d6	6.33	67	186578	4.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 81.40%			
41) Toluene-d8	7.56	98	391536	3.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.20%			
43) trans-1,3-Dichloropropene-	7.85	79	55203	3.43	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 68.60%			
46) 2-Hexanone-d5	8.31	63	368761	45.28	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.56%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	161188	4.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	143401	4.95	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.00%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.28	96	24541	0.762	ug/L #	11
13) Acetone	2.34	43	455080	52.820	ug/L	84
14) Carbon disulfide	2.48	76	22230	0.196	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	6187	0.178	ug/L #	64
19) 1,1-Dichloroethane	3.44	63	166338	1.947	ug/L	96
22) cis-1,2-Dichloroethene	4.22	96	1911372	45.819	ug/L	80
27) 1,2-Dichloroethane	5.41	62	98384	1.773	ug/L	98
30) Cyclohexane	4.98	56	8477	0.116	ug/L #	79
34) Trichloroethene	6.18	95	161572	3.765	ug/L	92
47) Tetrachloroethene	8.22	164	455497	16.322	ug/L	97

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

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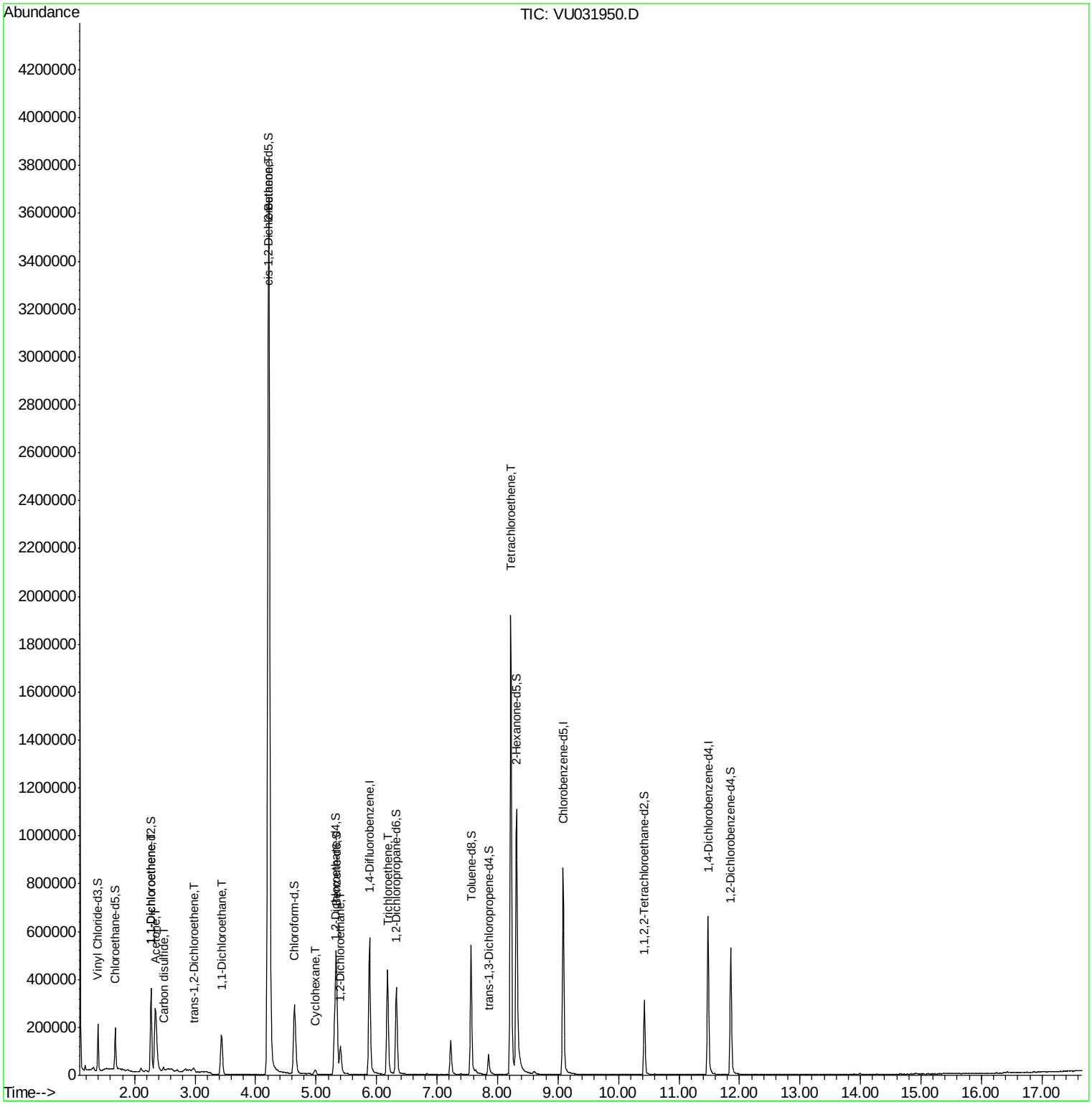
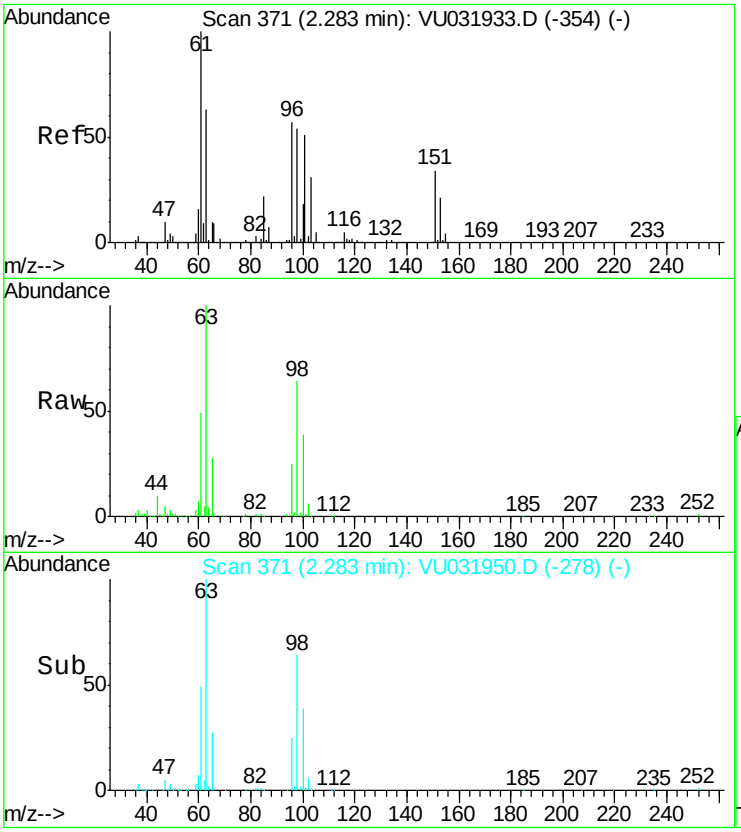
Acq On : 12 May 2019 18:05
Operator : JC/SP
Sample : K2791-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D53

Quant Time: May 13 07:44:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 13 07:00:03 2019
Response via : Initial Calibration



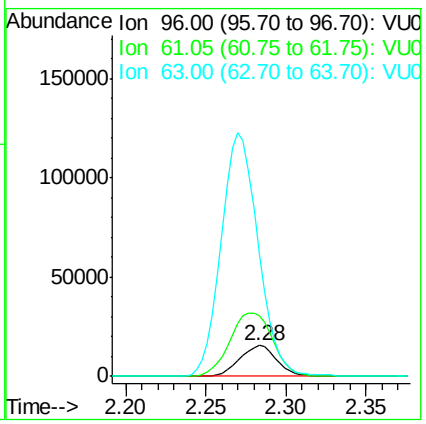


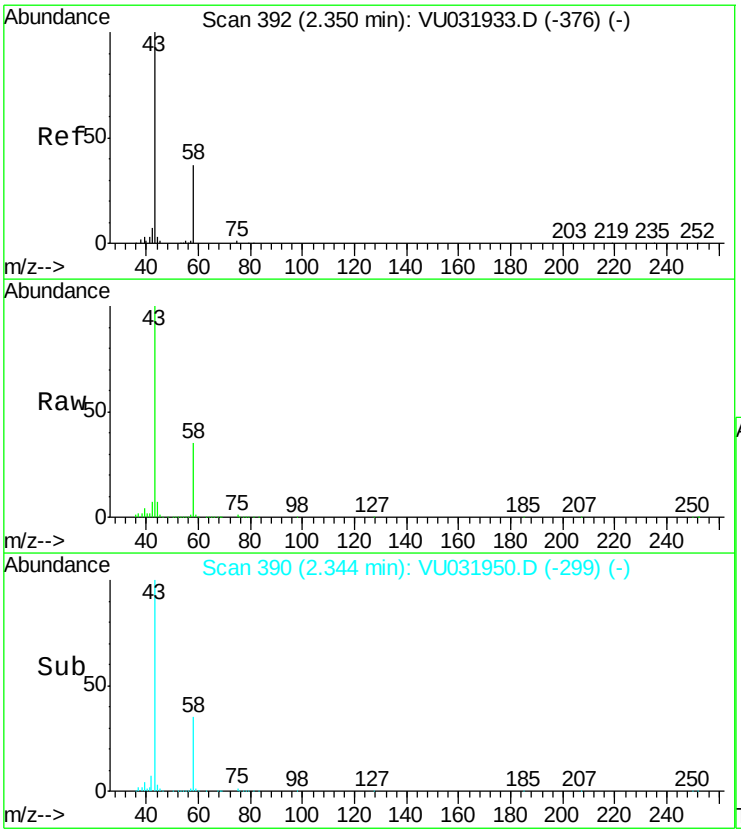
#12
1,1-Dichloroethene
Concen: 0.762 ug/L
RT: 2.28 min Scan# 371
Delta R.T. 0.00 min
Lab File: VU031950.D
Acq: 12 May 2019 18:05

Instrument :
MSVOA_U
ClientSampleId :
F9D53

Tgt Ion: 96 Resp: 24541

Ion	Ratio	Lower	Upper
96	100		
61	196.8	149.0	276.6
63	398.1	99.8	185.4#

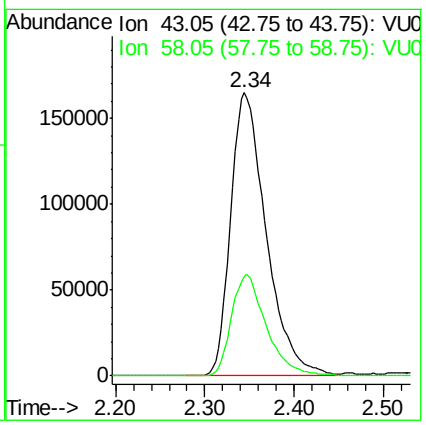


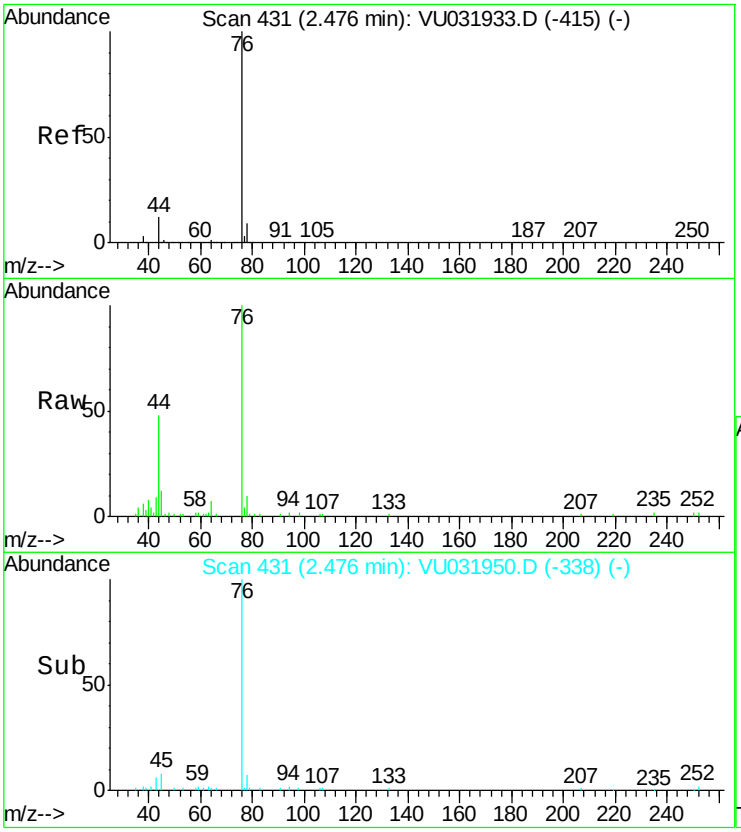


#13
Acetone
Concen: 52.820 ug/L
RT: 2.34 min Scan# 390
Delta R.T. -0.01 min
Lab File: VU031950.D
Acq: 12 May 2019 18:05

Tgt Ion: 43 Resp: 455080

Ion	Ratio	Lower	Upper
43	100		
58	35.2	0.0	53.6



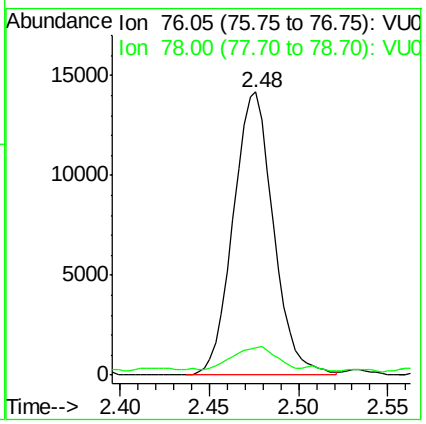


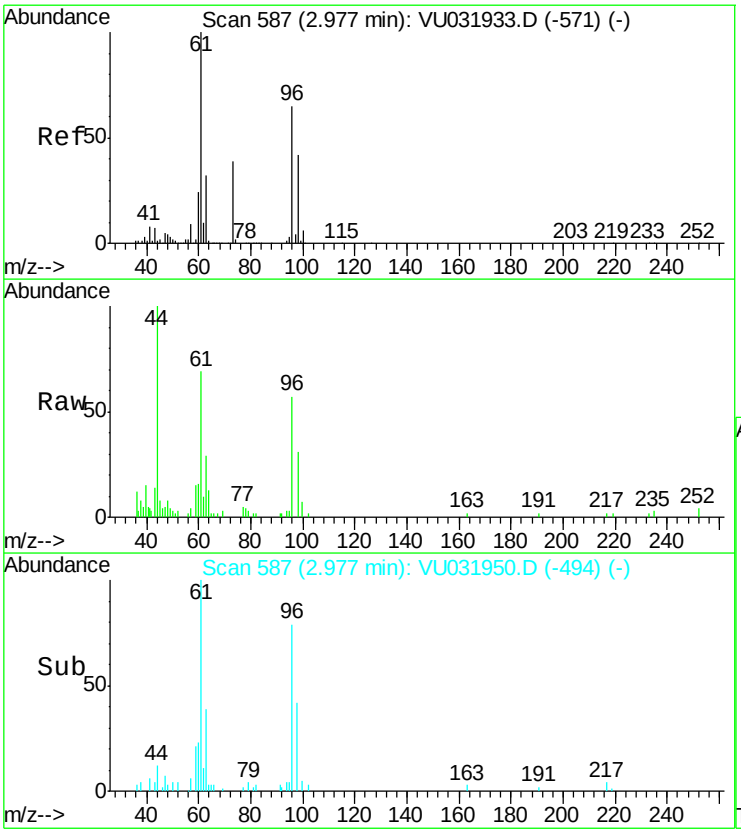
#14
Carbon disulfide
Concen: 0.196 ug/L
RT: 2.48 min Scan# 431
Delta R.T. 0.00 min
Lab File: VU031950.D
Acq: 12 May 2019 18:05

Instrument :
MSVOA_U
ClientSampleId :
F9D53

Tgt Ion: 76 Resp: 22230

Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.5	11.3

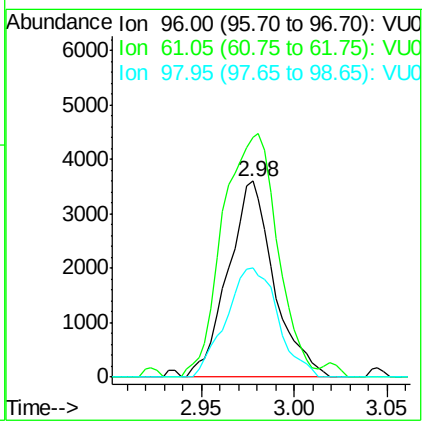


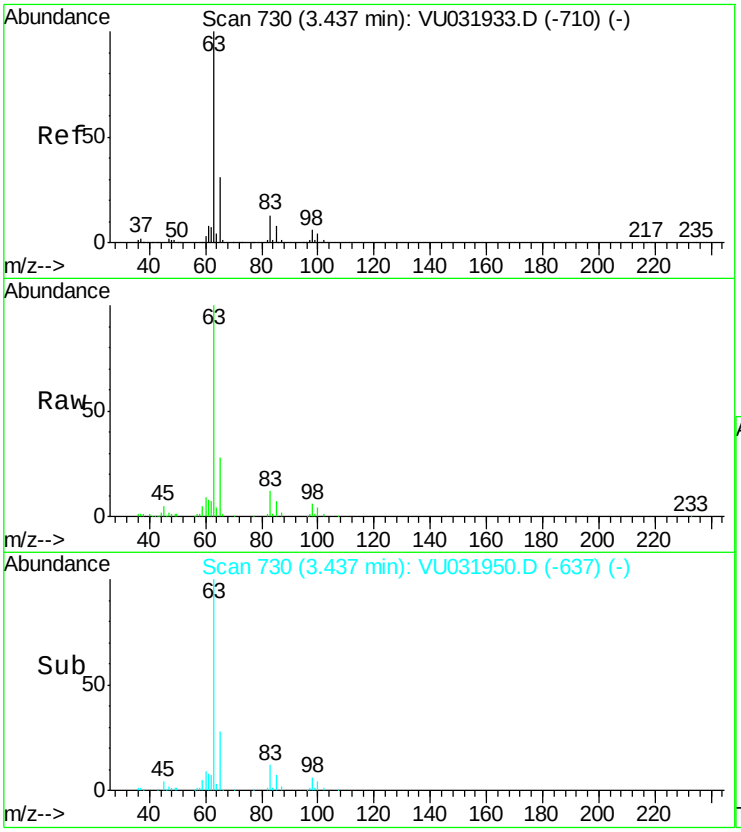


#18
trans-1,2-Dichloroethene
Concen: 0.178 ug/L
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU031950.D
Acq: 12 May 2019 18:05

Tgt Ion: 96 Resp: 6187

Ion	Ratio	Lower	Upper
96	100		
61	122.1	130.9	243.1#
98	55.4	46.2	85.8



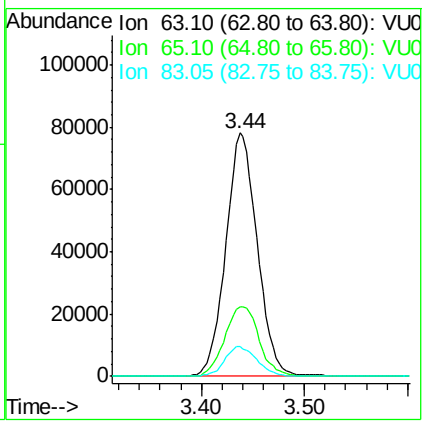


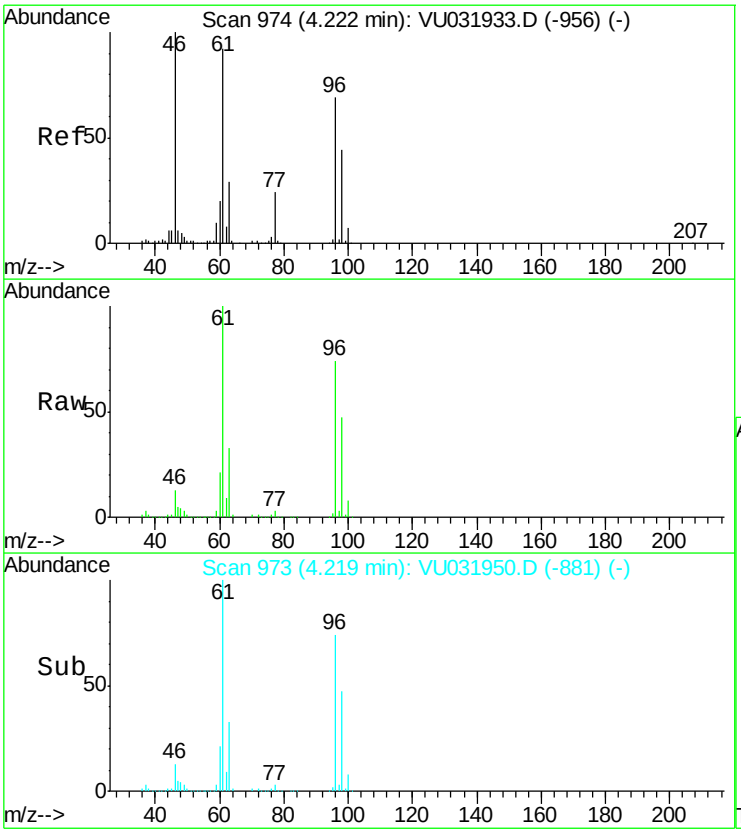
#19
1,1-Dichloroethane
Concen: 1.947 ug/L
RT: 3.44 min Scan# 730
Delta R.T. 0.00 min
Lab File: VU031950.D
Acq: 12 May 2019 18:05

Instrument : MSVOA_U
ClientSampleId : F9D53

Tgt Ion: 63 Resp: 166338

Ion	Ratio	Lower	Upper
63	100		
65	28.4	21.8	40.4
83	12.2	7.9	14.7

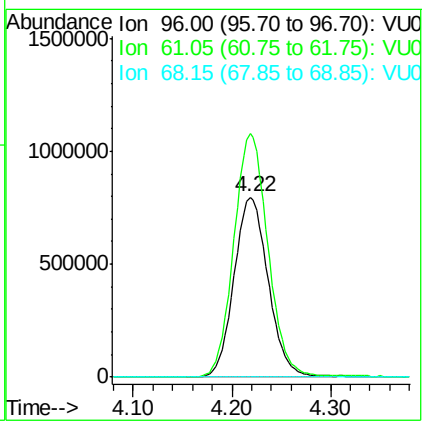


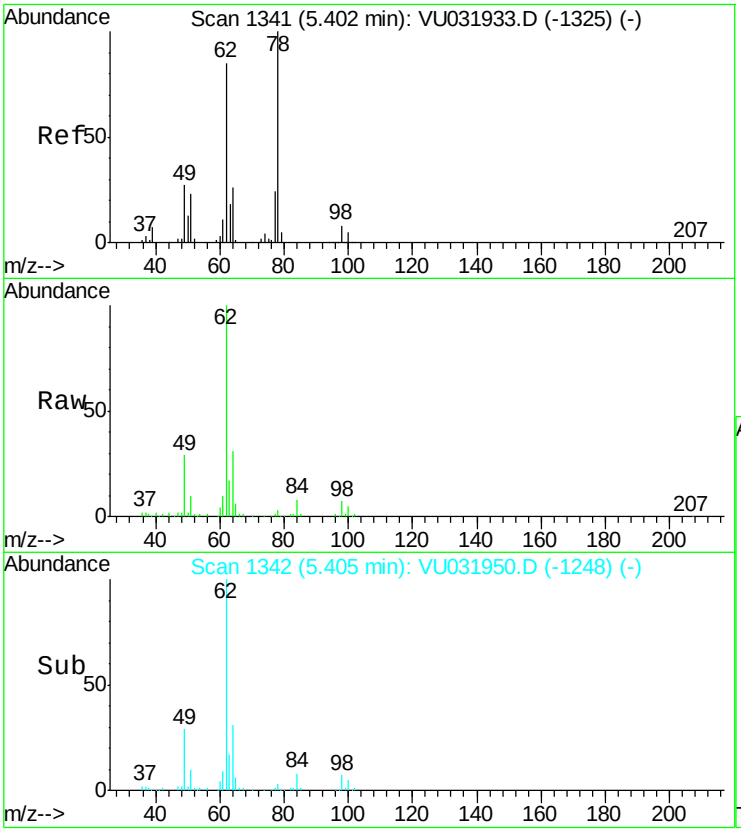


#22
cis-1,2-Dichloroethene
Concen: 45.819 ug/L
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU031950.D
Acq: 12 May 2019 18:05

Tgt Ion: 96 Resp: 1911372

Ion	Ratio	Lower	Upper
96	100		
61	135.2	113.3	210.5
68	0.0	0.0	0.0



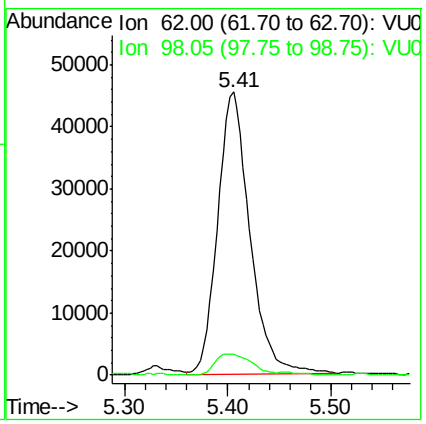


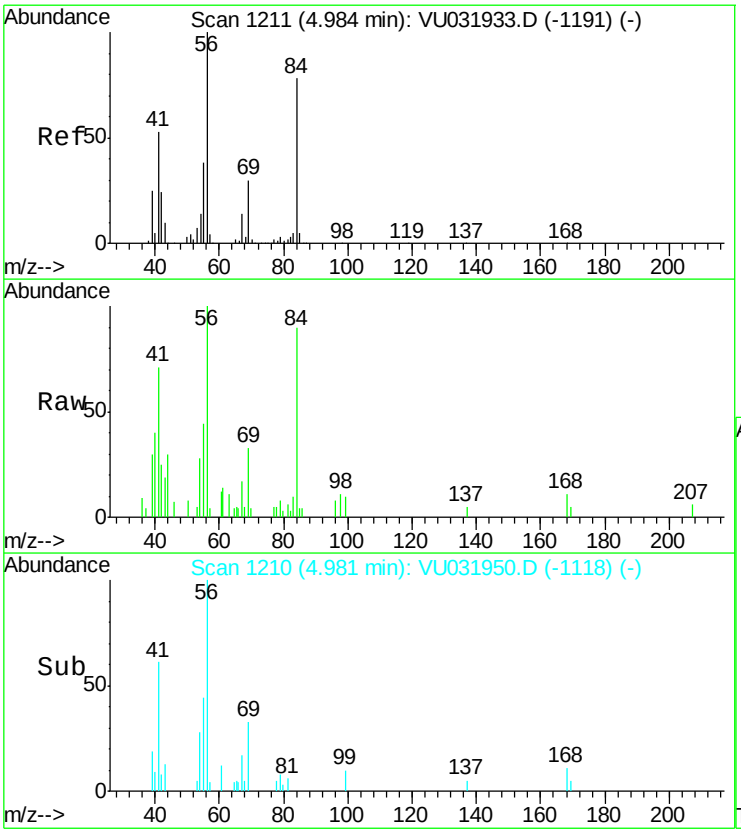
#27
1,2-Dichloroethane
Concen: 1.773 ug/L
RT: 5.41 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VU031950.D
Acq: 12 May 2019 18:05

Instrument : MSVOA_U
ClientSampleId : F9D53

Tgt Ion: 62 Resp: 98384

Ion	Ratio	Lower	Upper
62	100		
98	7.4	5.4	8.2

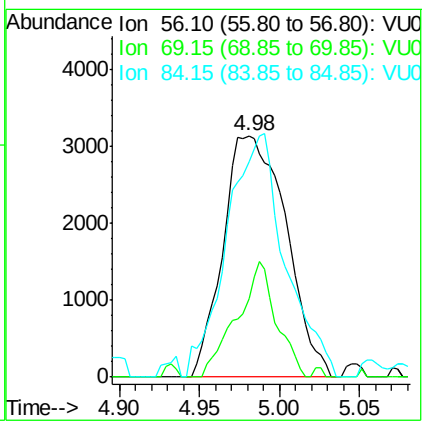


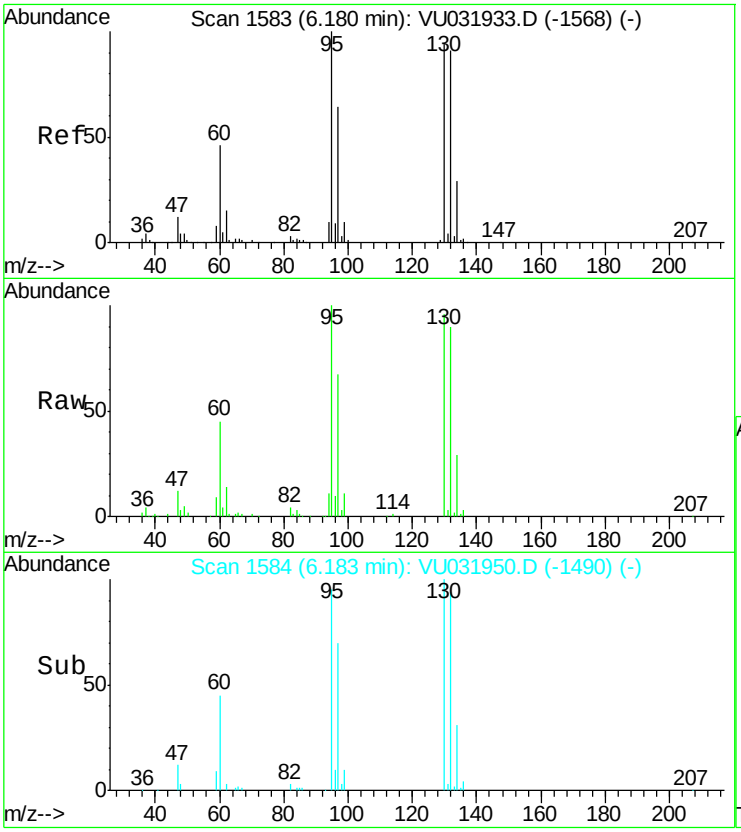


#30
Cyclohexane
Concen: 0.116 ug/L
RT: 4.98 min Scan# 1210
Delta R.T. -0.00 min
Lab File: VU031950.D
Acq: 12 May 2019 18:05

Tgt Ion: 56 Resp: 8477

Ion	Ratio	Lower	Upper
56	100		
69	29.9	21.8	32.8
84	93.8	56.8	85.2#



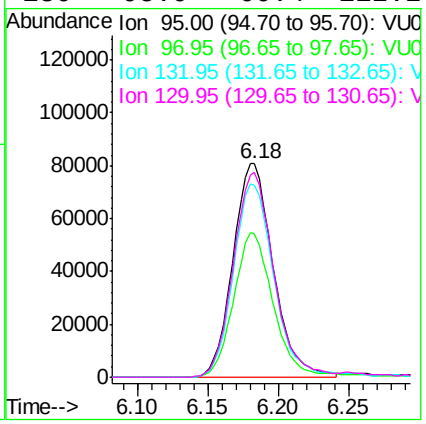


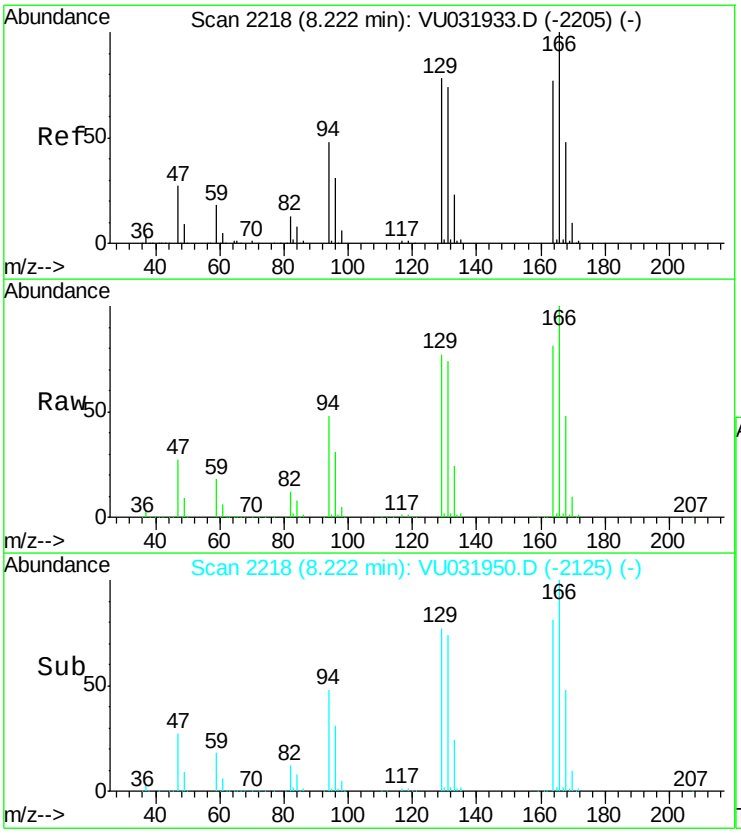
#34
Trichloroethene
Concen: 3.765 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031950.D
Acq: 12 May 2019 18:05

Instrument : MSVOA_U
ClientSampleId : F9D53

Tgt Ion: 95 Resp: 161572

Ion	Ratio	Lower	Upper
95	100		
97	66.9	45.8	85.2
132	90.1	56.0	104.0
130	95.9	60.4	112.2





#47
Tetrachloroethene
Concen: 16.322 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU031950.D
Acq: 12 May 2019 18:05

Tgt Ion:164 Resp: 455497

Ion	Ratio	Lower	Upper
164	100		
129	94.8	70.3	130.5
131	91.6	65.4	121.4
166	123.8	86.0	159.8