Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051219\

Quantitation Report (Not Reviewed)

Data File : VU031942.D
Acq On : 12 May 2019 14:47
Operator : JC/SP
Sample : K2791-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D36

Quant Time: May 13 07:04:00 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	431522	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	414625	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	141838	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	112508	3.83	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.60%			
7) Chloroethane-d5	1.68	69	118335	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.60%			
11) 1,1-Dichloroethene-d2	2.27	63	163041	2.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 51.40%#			
20) 2-Butanone-d5	4.18	46	533580	46.47	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.94%			
24) Chloroform-d	4.64	84	267420	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.60%			
26) 1,2-Dichloroethane-d4	5.31	65	156034	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.20%			
32) Benzene-d6	5.33	84	471061	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.80%			
36) 1,2-Dichloropropane-d6	6.33	67	183247	4.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.00%			
41) Toluene-d8	7.56	98	319466	3.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 70.40%			
43) trans-1,3-Dichloropropene-	7.85	79	51185	3.74	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.80%			
46) 2-Hexanone-d5	8.31	63	342760	49.55	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.10%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	165500	5.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	122118	5.21	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.20%			
Target Compounds						Qvalue
13) Acetone	2.32	43	11536	1.471	ug/L	84
16) Methylene chloride	2.70	84	6047	0.149	ug/L	84
22) cis-1,2-Dichloroethene	4.22	96	10853	0.286	ug/L	85
34) Trichloroethene	6.18	95	8416	0.231	ug/L	88
35) Methylcyclohexane	6.33	83	40763	0.779	ug/L #	11
37) 1,2-Dichloropropane	6.33	63	19835	0.479	ug/L #	92
47) Tetrachloroethene	8.22	164	20657	0.872	ug/L	94
48) 2-Hexanone	8.37	43	25201	1.273	ug/L #	67
49) Dibromochloromethane	8.22	129	19965	0.700	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	18468	0.754	ug/L	95

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

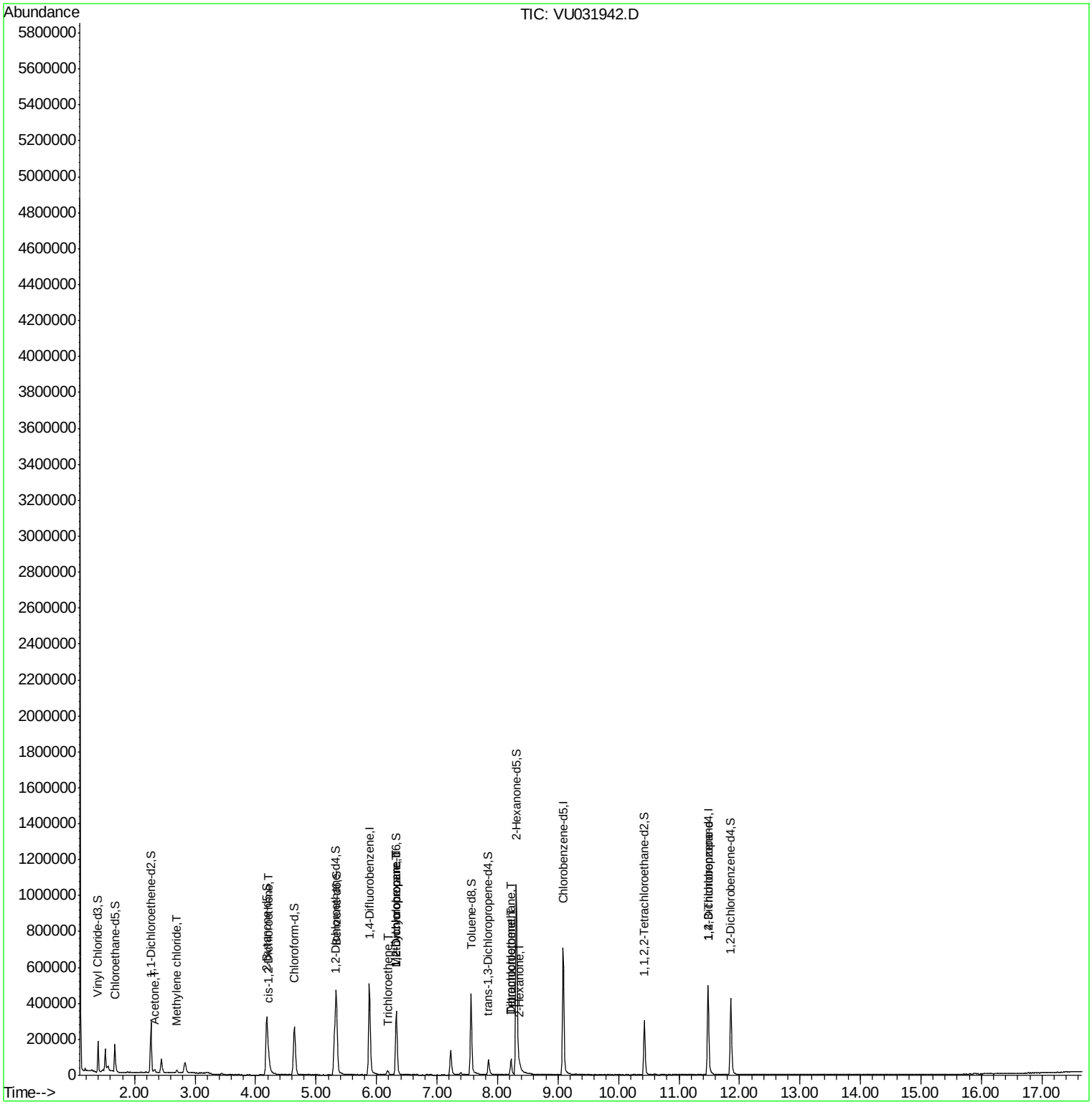
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051219\

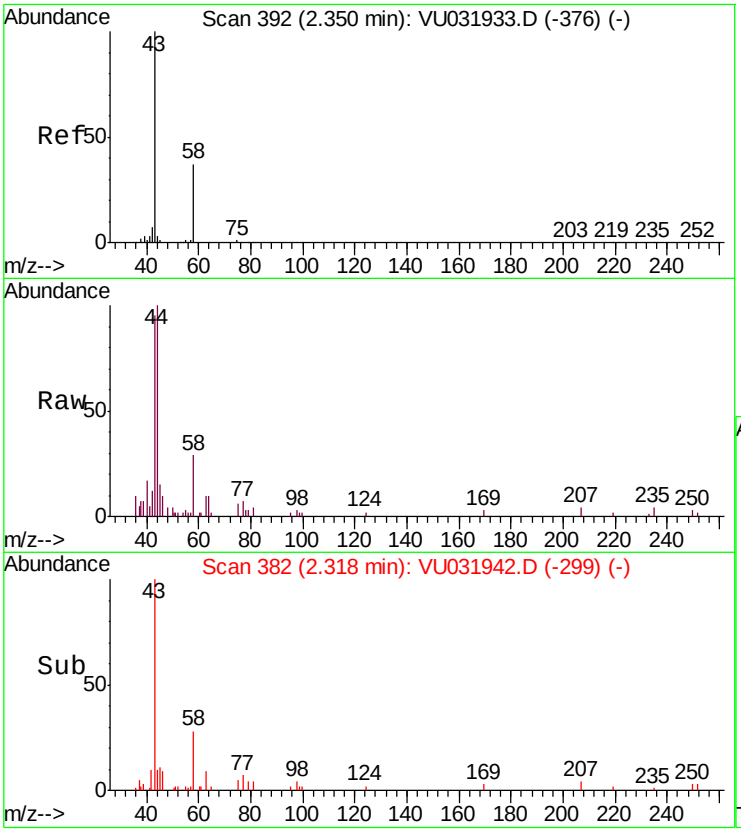
Quantitation Report (Not Reviewed)

Data File : VU031942.D
Acq On : 12 May 2019 14:47
Operator : JC/SP
Sample : K2791-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D36

Quant Time: May 13 07:04:00 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



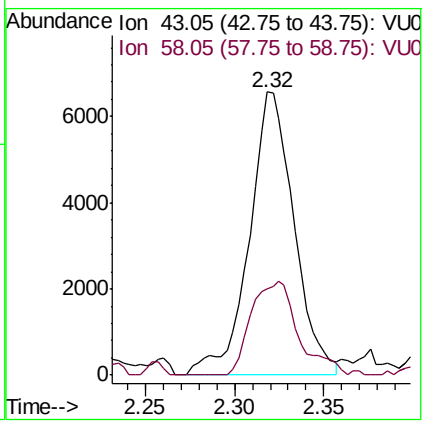


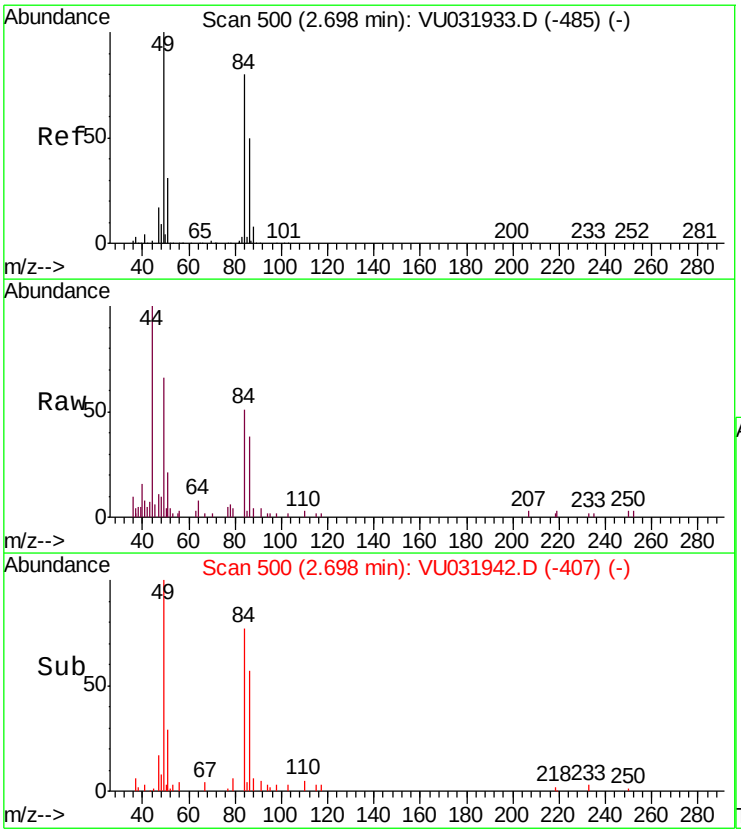
#13
Acetone
Concen: 1.471 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.03 min
Lab File: VU031942.D
Acq: 12 May 2019 14:47

Instrument : MSVOA_U
ClientSampleId : F9D36

Tgt Ion: 43 Resp: 11536

Ion	Ratio	Lower	Upper
43	100		
58	34.9	0.0	53.6

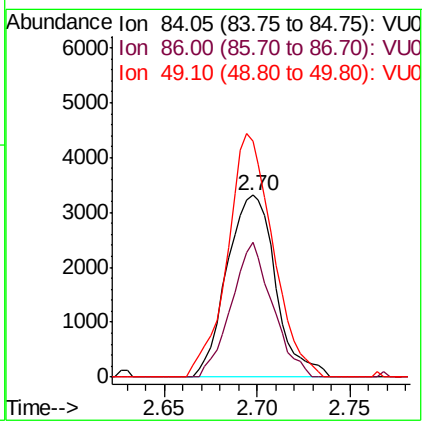


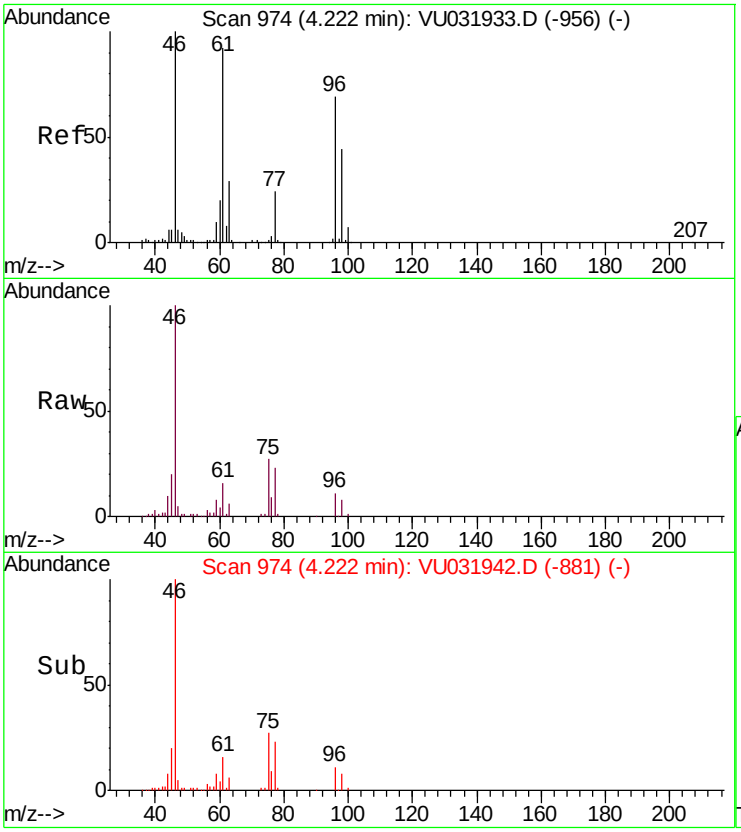


#16
Methylene chloride
Concen: 0.149 ug/L
RT: 2.70 min Scan# 500
Delta R.T. -0.00 min
Lab File: VU031942.D
Acq: 12 May 2019 14:47

Tgt Ion: 84 Resp: 6047

Ion	Ratio	Lower	Upper
84	100		
86	74.2	45.6	84.8
49	129.9	106.7	198.1



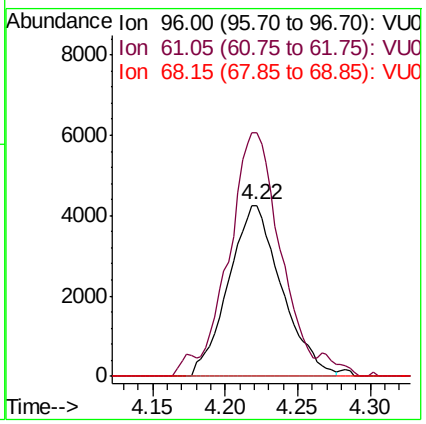


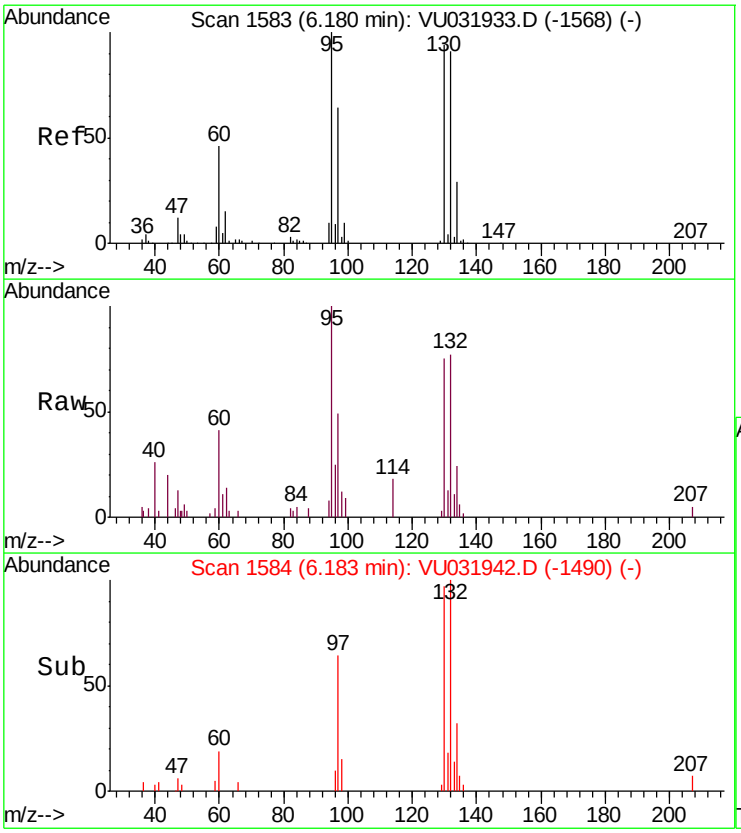
#22
cis-1,2-Dichloroethene
Concen: 0.286 ug/L
RT: 4.22 min Scan# 974
Delta R.T. -0.00 min
Lab File: VU031942.D
Acq: 12 May 2019 14:47

Instrument : MSVOA_U
ClientSampleId : F9D36

Tgt Ion: 96 Resp: 10853

Ion	Ratio	Lower	Upper
96	100		
61	142.4	113.3	210.5
68	0.0	0.0	0.0

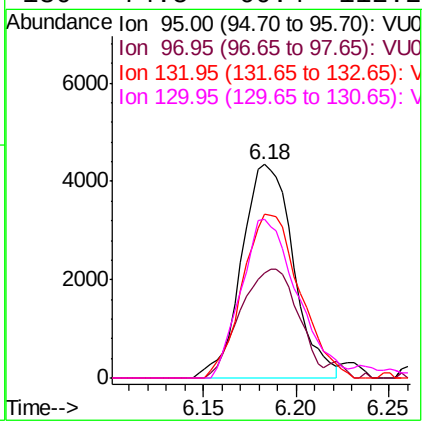


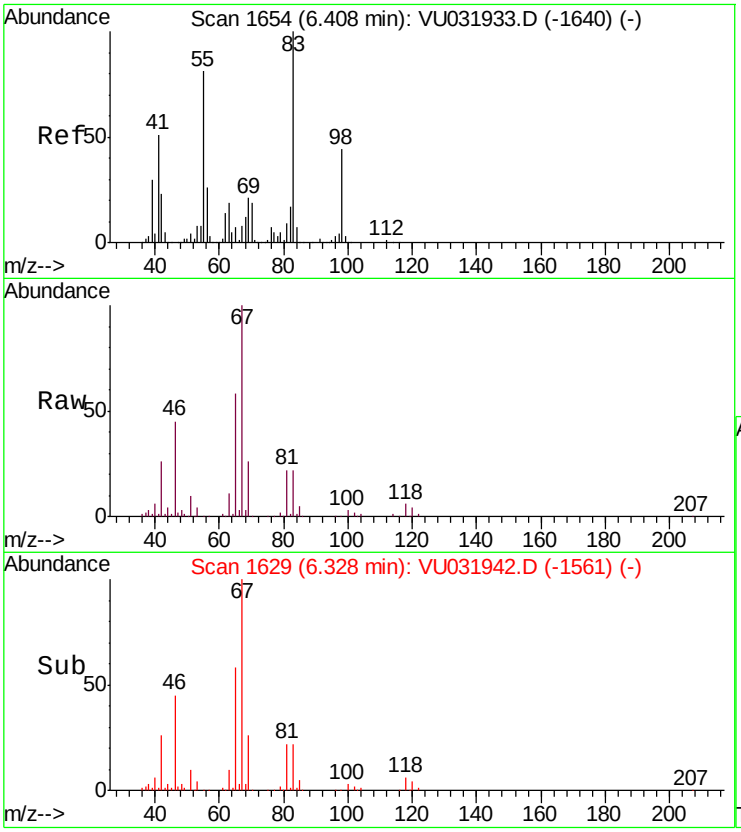


#34
Trichloroethene
Concen: 0.231 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031942.D
Acq: 12 May 2019 14:47

Tgt Ion: 95 Resp: 8416

Ion	Ratio	Lower	Upper
95	100		
97	49.3	45.8	85.2
132	76.7	56.0	104.0
130	74.5	60.4	112.2



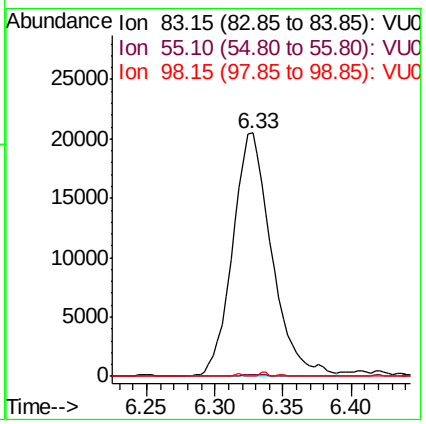


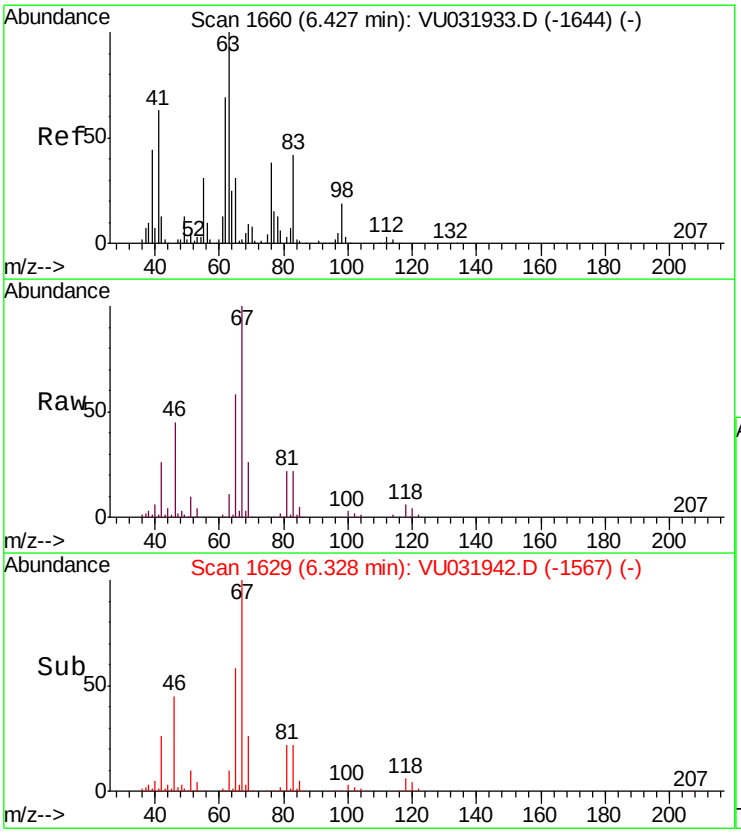
#35
Methylcyclohexane
Concen: 0.779 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031942.D
Acq: 12 May 2019 14:47

Instrument : MSVOA_U
ClientSampleId : F9D36

Tgt Ion: 83 Resp: 40763

Ion	Ratio	Lower	Upper
83	100		
55	0.4	79.2	118.8#
98	0.3	34.0	51.0#

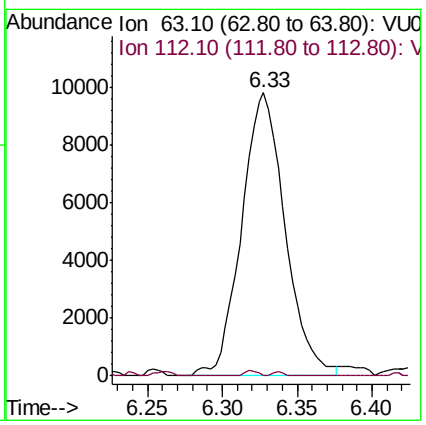


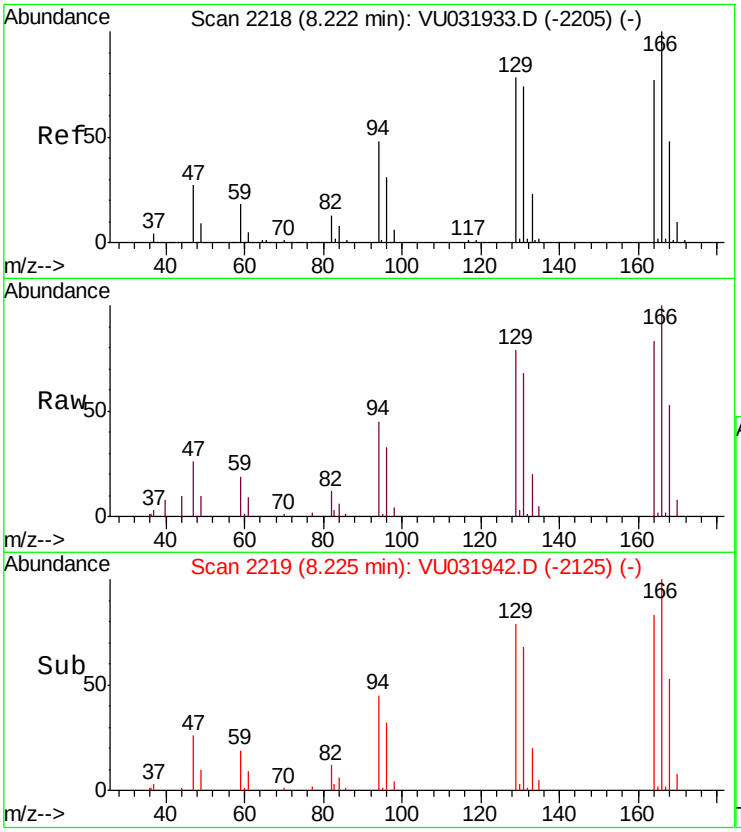


#37
1,2-Dichloropropane
Concen: 0.479 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU031942.D
Acq: 12 May 2019 14:47

Tgt Ion: 63 Resp: 19835

Ion	Ratio	Lower	Upper
63	100		
112	0.4	2.5	3.7#



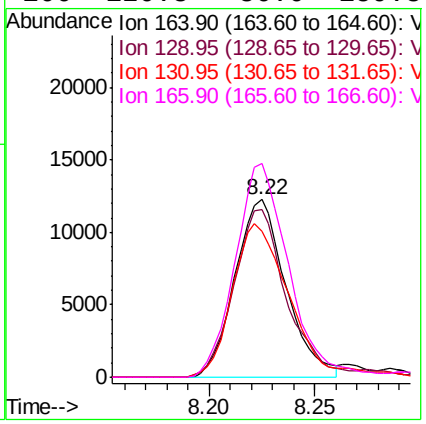


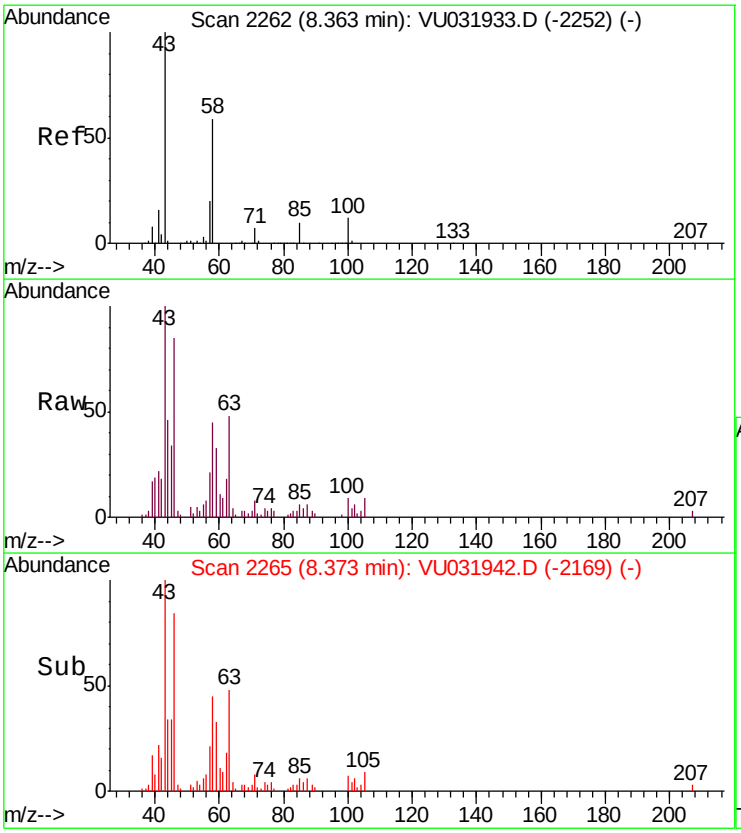
#47
Tetrachloroethene
Concen: 0.872 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031942.D
Acq: 12 May 2019 14:47

Instrument : MSVOA_U
ClientSampleId : F9D36

Tgt Ion:164 Resp: 20657

Ion	Ratio	Lower	Upper
164	100		
129	94.5	70.3	130.5
131	82.0	65.4	121.4
166	120.3	86.0	159.8

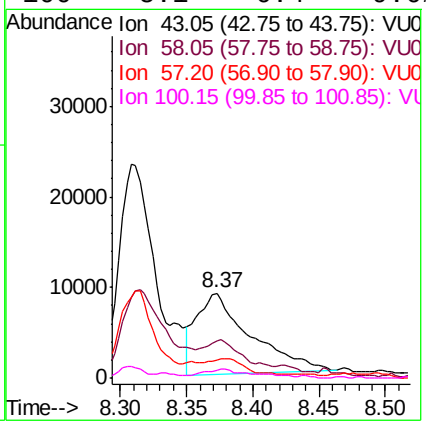


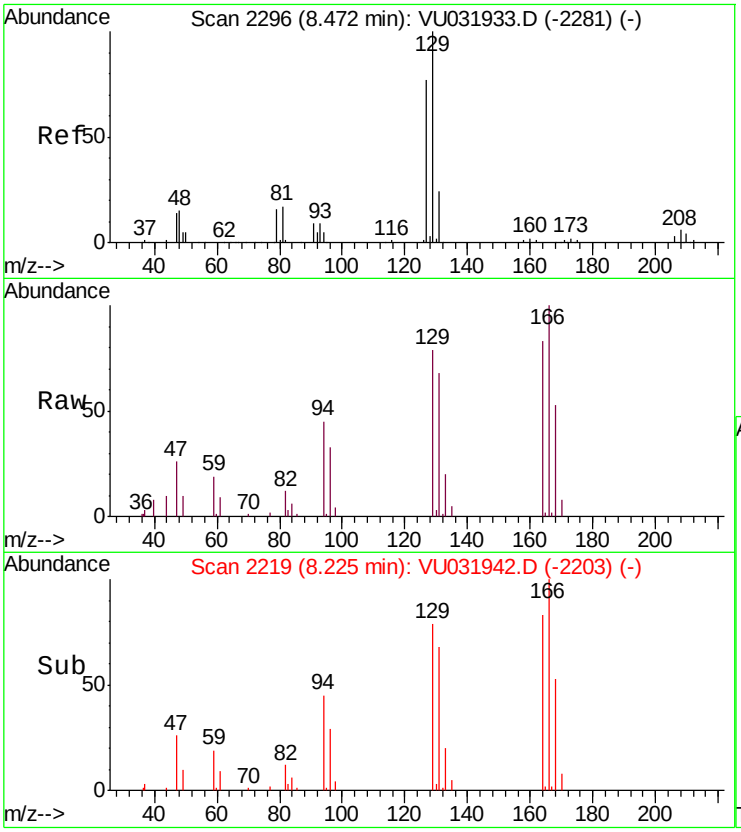


#48
2-Hexanone
Concen: 1.273 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU031942.D
Acq: 12 May 2019 14:47

Tgt Ion: 43 Resp: 25201

Ion	Ratio	Lower	Upper
43	100		
58	20.3	40.2	60.2#
57	11.0	13.8	20.6#
100	5.1	6.4	9.6#



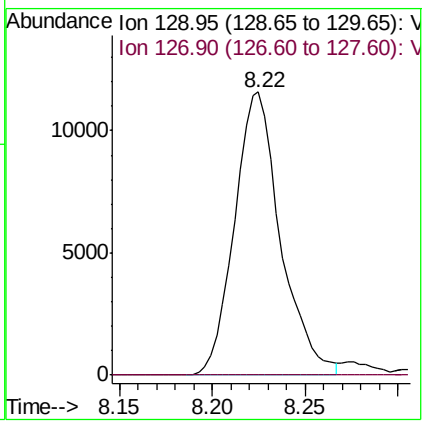


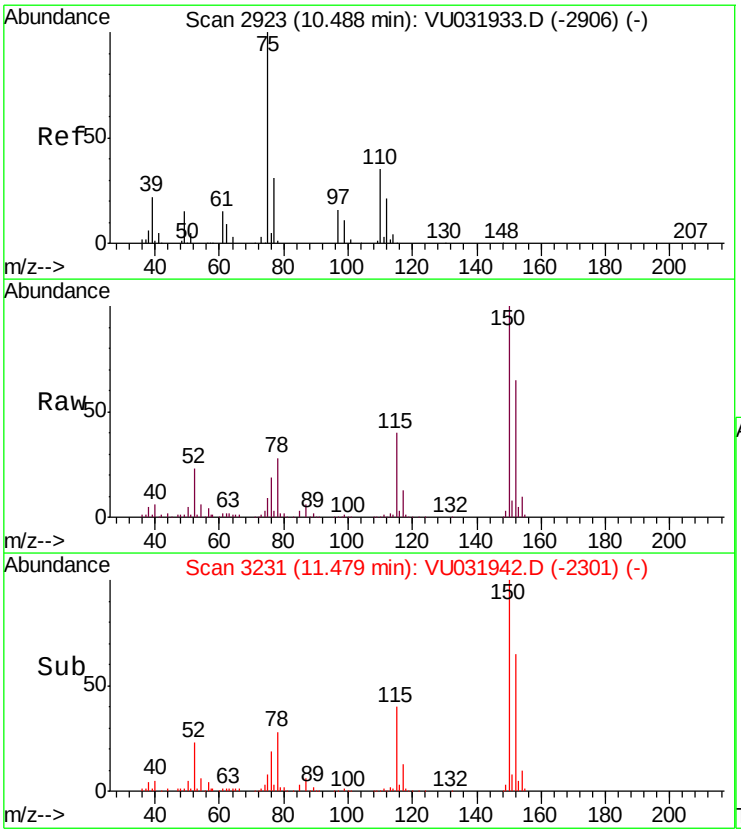
#49
Dibromochloromethane
Concen: 0.700 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU031942.D
Acq: 12 May 2019 14:47

Instrument : MSVOA_U
ClientSampleId : F9D36

Tgt Ion:129 Resp: 19965

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#59
1,2,3-Trichloropropane
Concen: 0.754 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031942.D
Acq: 12 May 2019 14:47

Tgt Ion: 75 Resp: 18468

Ion	Ratio	Lower	Upper
75	100		
77	35.9	26.3	39.5