Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051319\

Quantitation Report (Not Reviewed)

Data File : VU031977.D
Acq On : 13 May 2019 18:41
Operator : JC/SP
Sample : K2744-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D20

Quant Time: May 14 02:44:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 14 02:38:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	443998	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	452610	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	171662	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	99907	3.30	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 66.00%			
7) Chloroethane-d5	1.68	69	105929	4.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.80%			
11) 1,1-Dichloroethene-d2	2.27	63	153426	2.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 47.00%#			
20) 2-Butanone-d5	4.19	46	502454	42.53	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.06%			
24) Chloroform-d	4.64	84	255615	4.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.40%			
26) 1,2-Dichloroethane-d4	5.31	65	148647	3.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.00%			
32) Benzene-d6	5.33	84	465837	4.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.40%			
36) 1,2-Dichloropropane-d6	6.33	67	171013	4.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.40%			
41) Toluene-d8	7.56	98	341953	3.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 69.00%#			
43) trans-1,3-Dichloropropene-	7.85	79	44539	2.98	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 59.60%			
46) 2-Hexanone-d5	8.31	63	364901	48.32	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.64%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	155201	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	133906	4.72	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.40%			

Target Compounds						Qvalue
8) Chloroethane	1.75	64	2490	0.085	ug/L #	58
13) Acetone	2.33	43	17772	2.202	ug/L	90
15) Methyl Acetate	2.48	43	27367	1.315	ug/L #	59
16) Methylene chloride	2.69	84	4852	0.116	ug/L	80
25) Chloroform	4.67	83	12304	0.156	ug/L	94
30) Cyclohexane	4.99	56	7137	0.105	ug/L #	79
35) Methylcyclohexane	6.33	83	40131	0.702	ug/L #	11
37) 1,2-Dichloropropane	6.32	63	17313	0.383	ug/L #	92
47) Tetrachloroethene	8.23	164	5505	0.213	ug/L	94
49) Dibromochloromethane	8.22	129	4726	0.152	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	21846	0.817	ug/L	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051319\

Quantitation Report (Not Reviewed)

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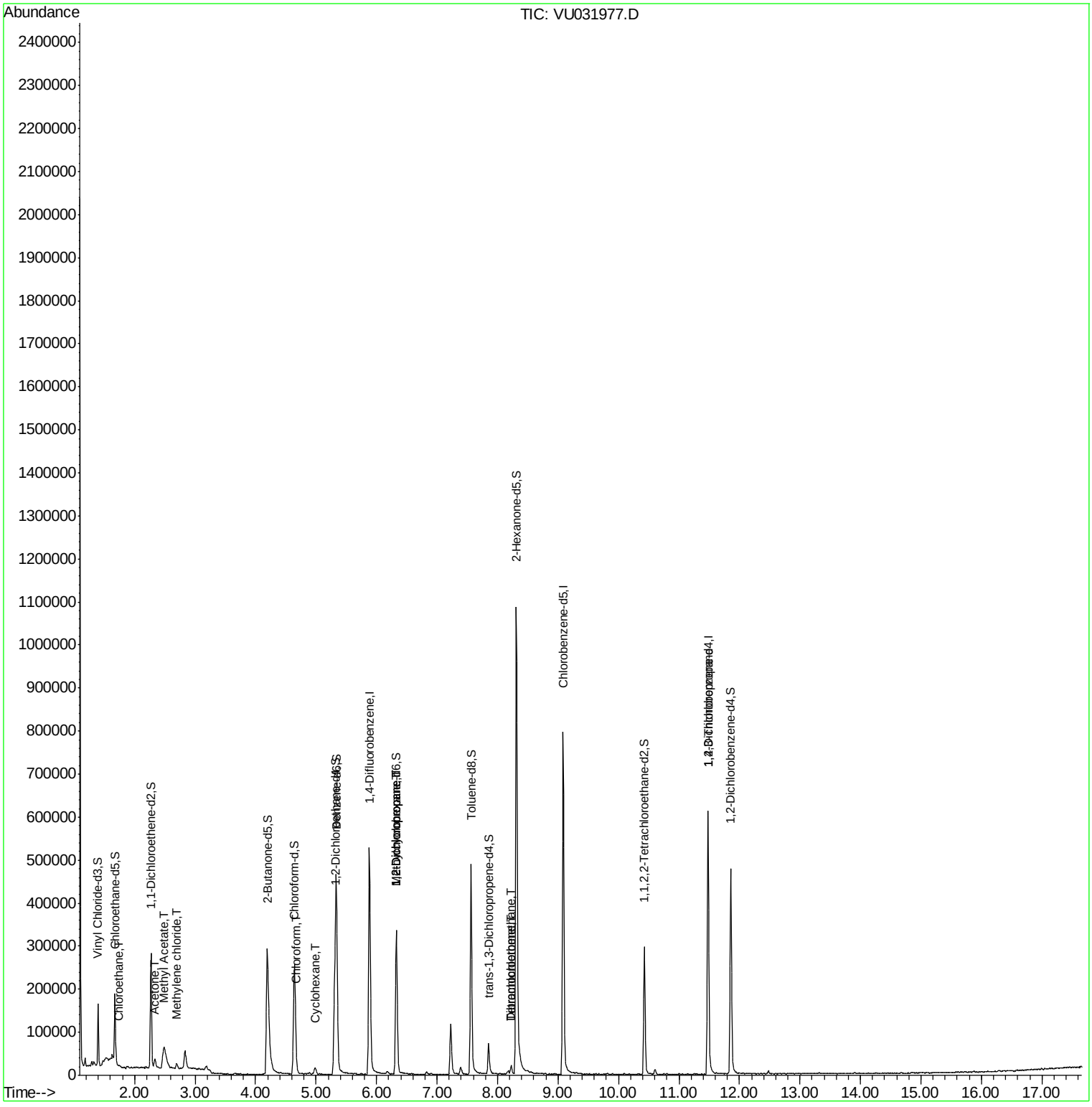
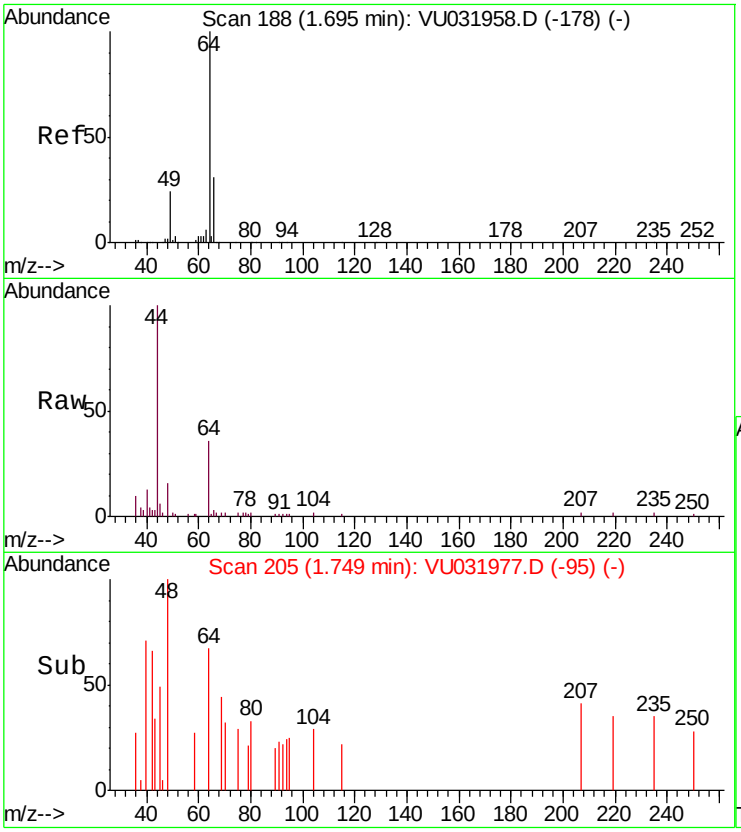
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 14 02:38:02 2019
Response via : Initial Calibration



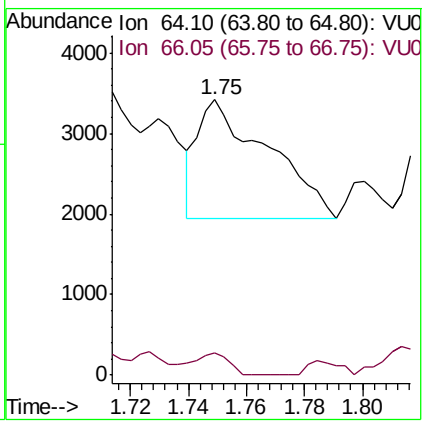


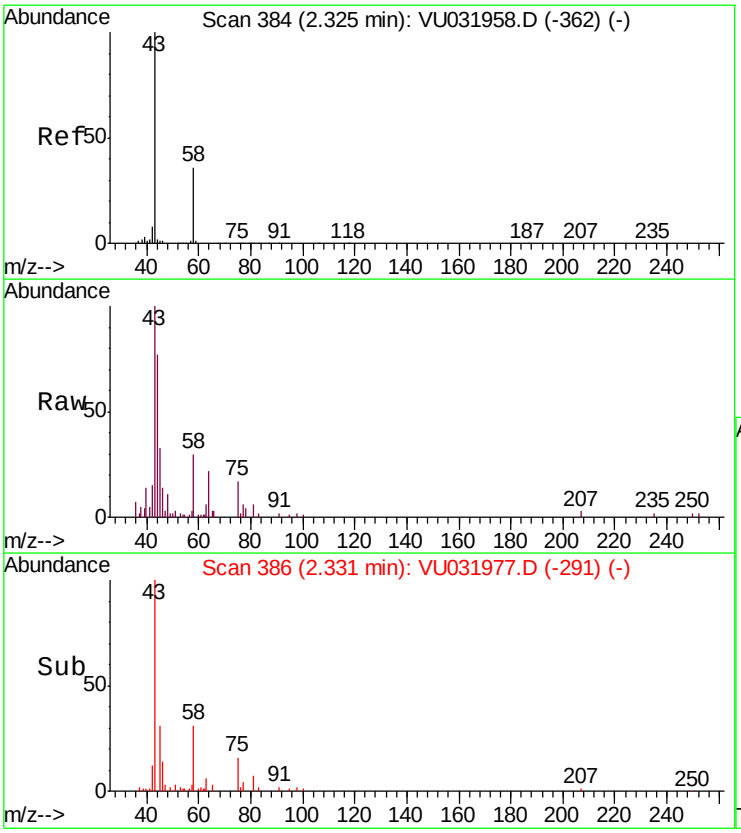
#8
Chloroethane
Concen: 0.085 ug/L
RT: 1.75 min Scan# 205
Delta R.T. 0.05 min
Lab File: VU031977.D
Acq: 13 May 2019 18:41

Instrument :
MSVOA_U
ClientSampleId :
F9D20

Tgt Ion: 64 Resp: 2490

Ion	Ratio	Lower	Upper
64	100		
66	8.3	21.9	40.7#

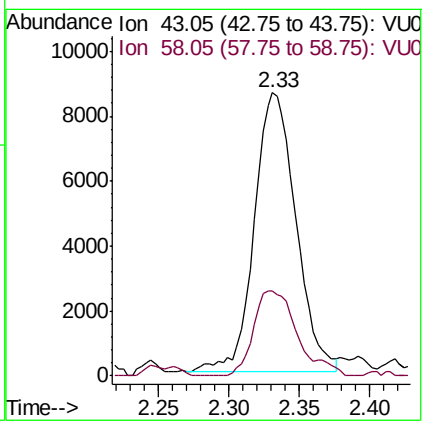


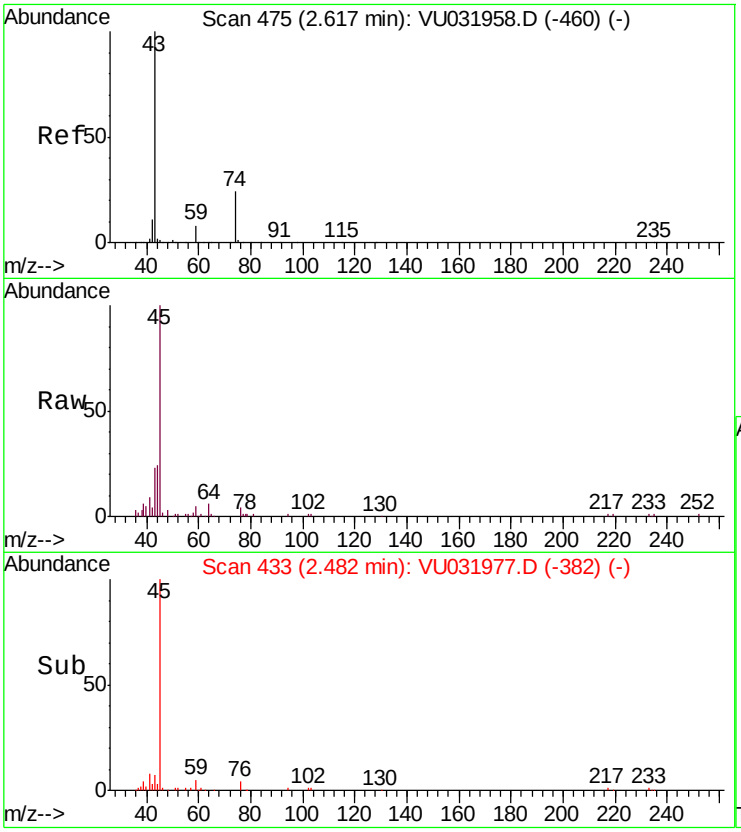


#13
Acetone
Concen: 2.202 ug/L
RT: 2.33 min Scan# 386
Delta R.T. 0.01 min
Lab File: VU031977.D
Acq: 13 May 2019 18:41

Tgt Ion: 43 Resp: 17772

Ion	Ratio	Lower	Upper
43	100		
58	31.9	0.0	53.6



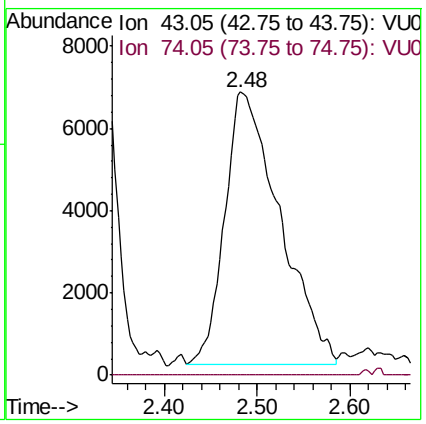


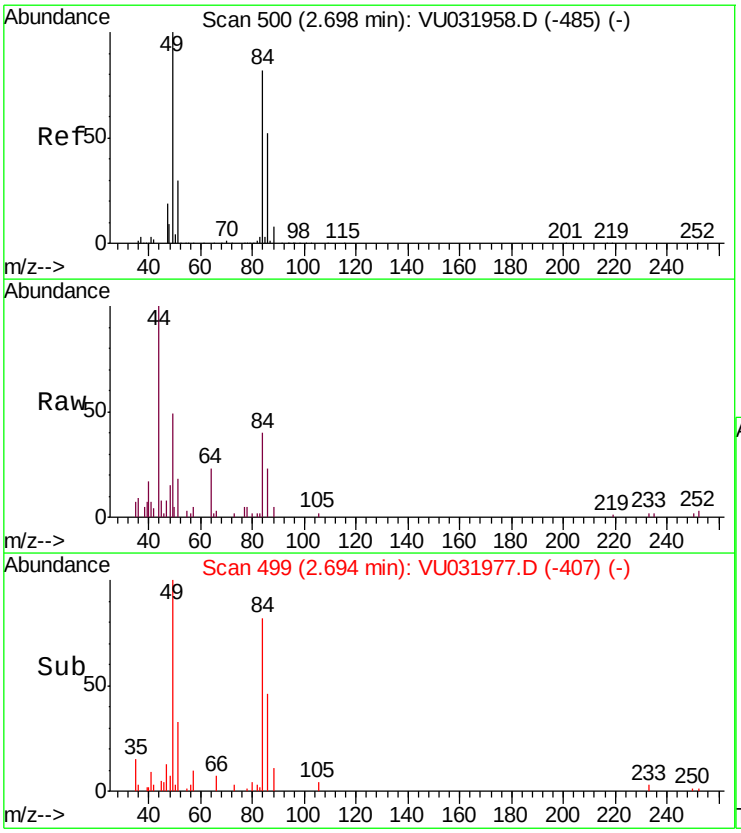
#15
Methyl Acetate
Concen: 1.315 ug/L
RT: 2.48 min Scan# 433
Delta R.T. -0.14 min
Lab File: VU031977.D
Acq: 13 May 2019 18:41

Instrument : MSVOA_U
ClientSampleId : F9D20

Tgt Ion: 43 Resp: 27367

Ion	Ratio	Lower	Upper
43	100		
74	0.2	14.7	22.1#

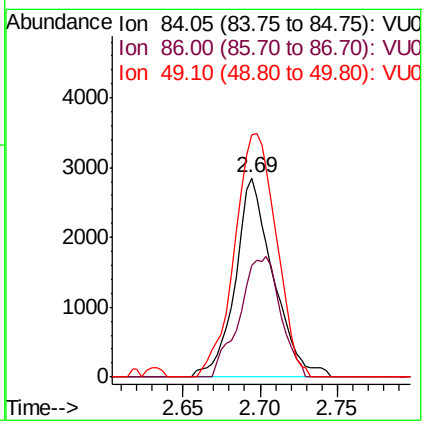


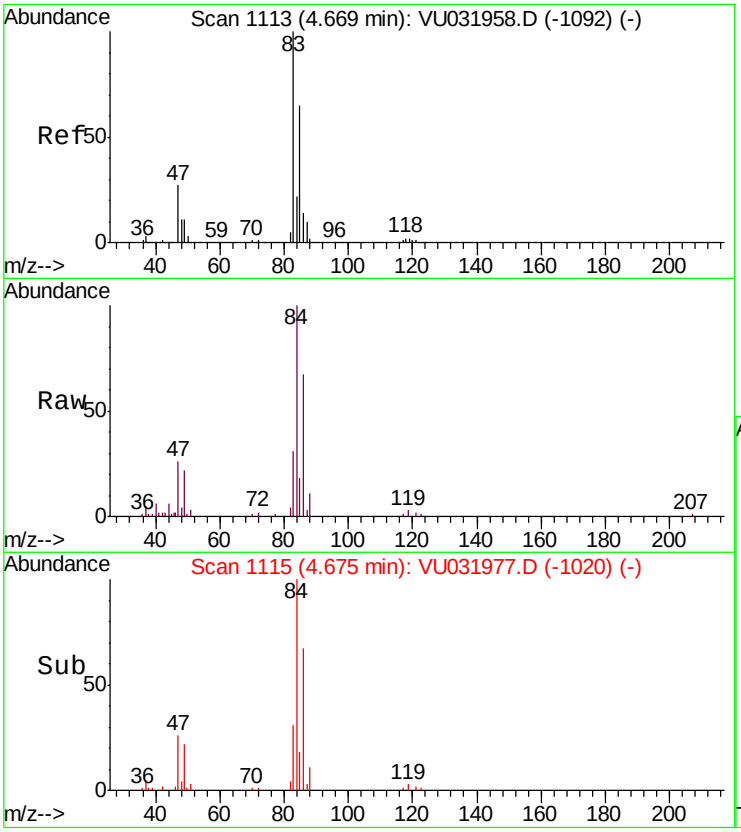


#16
Methylene chloride
Concen: 0.116 ug/L
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU031977.D
Acq: 13 May 2019 18:41

Tgt Ion: 84 Resp: 4852

Ion	Ratio	Lower	Upper
84	100		
86	56.3	45.6	84.8
49	121.4	106.7	198.1



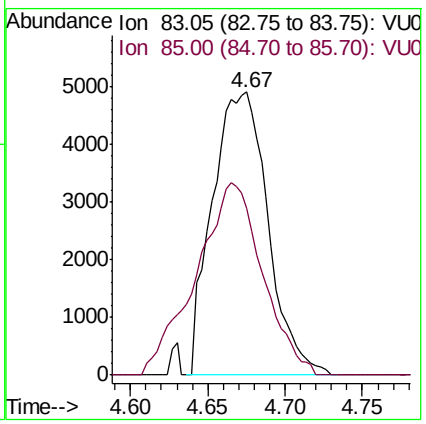


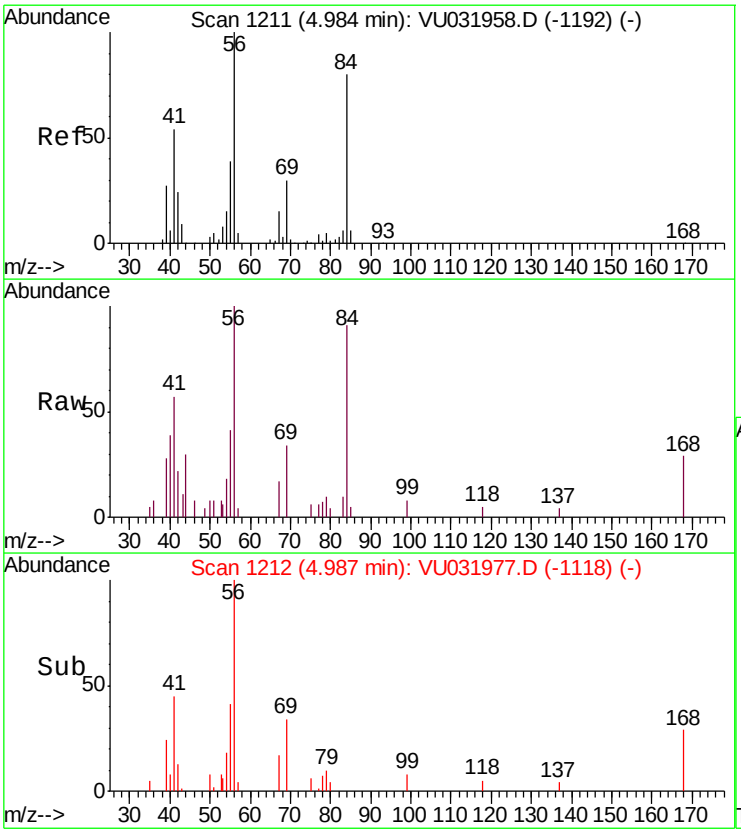
#25
Chloroform
Concen: 0.156 ug/L
RT: 4.67 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VU031977.D
Acq: 13 May 2019 18:41

Instrument :
MSVOA_U
ClientSampleId :
F9D20

Tgt Ion: 83 Resp: 12304

Ion	Ratio	Lower	Upper
83	100		
85	59.1	44.4	82.5

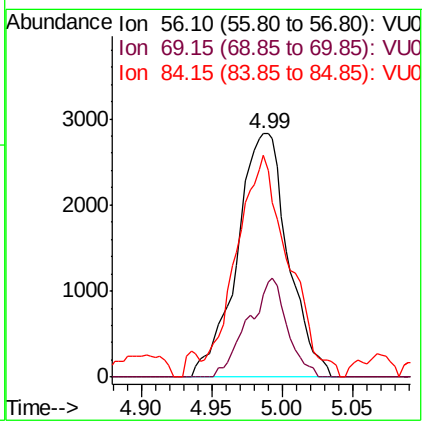


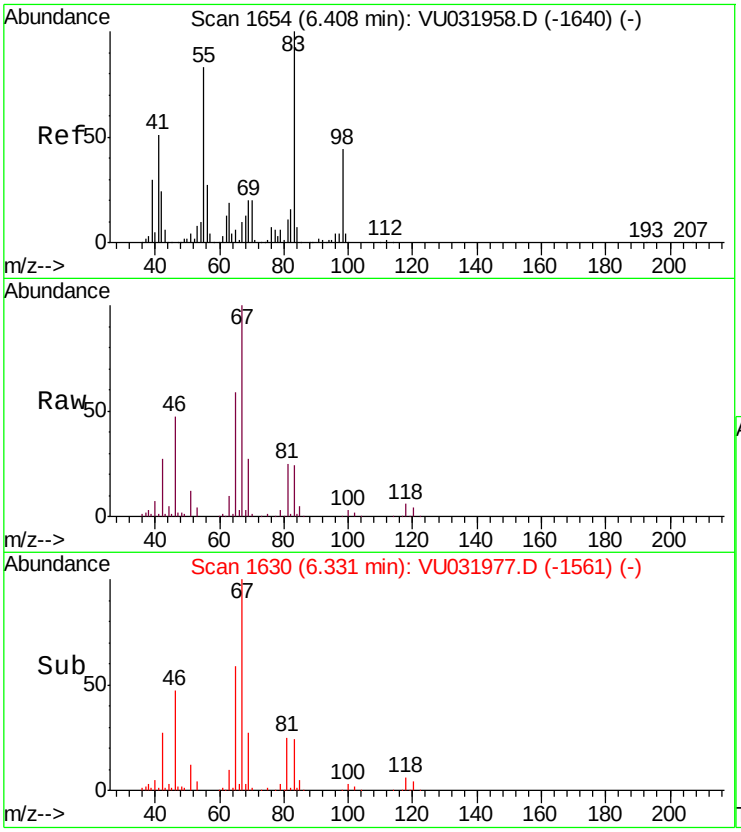


#30
Cyclohexane
Concen: 0.105 ug/L
RT: 4.99 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VU031977.D
Acq: 13 May 2019 18:41

Tgt Ion: 56 Resp: 7137

Ion	Ratio	Lower	Upper
56	100		
69	31.3	21.8	32.8
84	92.9	56.8	85.2#



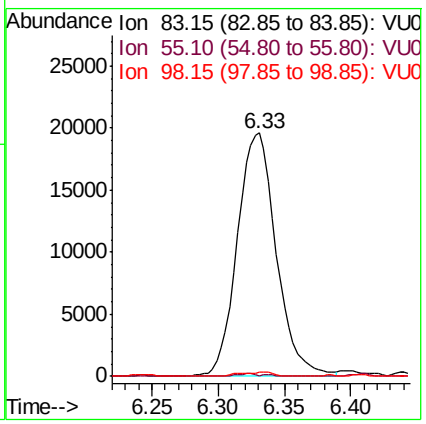


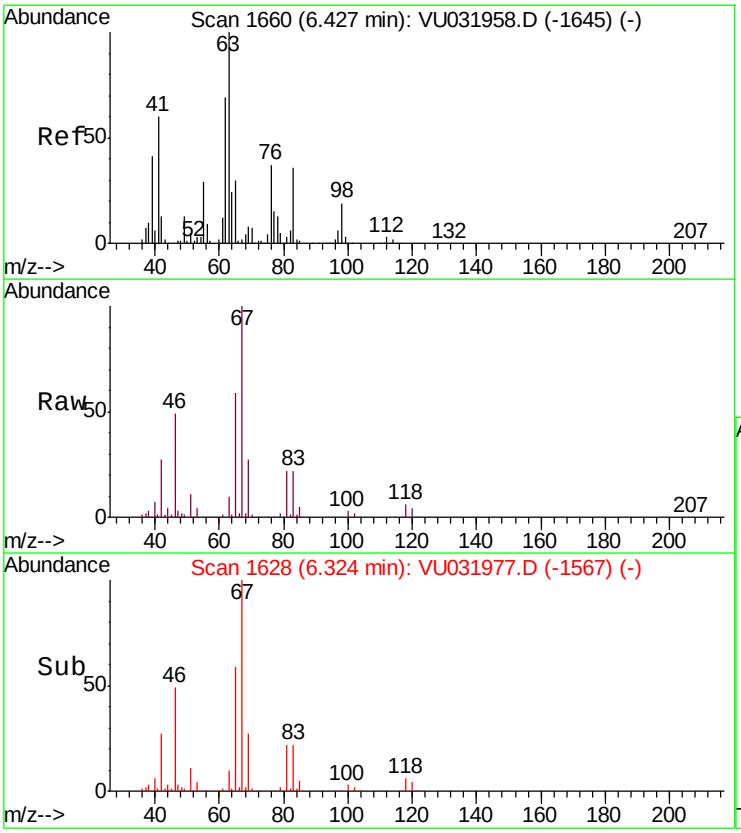
#35
Methylcyclohexane
Concen: 0.702 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.08 min
Lab File: VU031977.D
Acq: 13 May 2019 18:41

Instrument : MSVOA_U
ClientSampleId : F9D20

Tgt Ion: 83 Resp: 40131

Ion	Ratio	Lower	Upper
83	100		
55	0.2	79.2	118.8#
98	0.9	34.0	51.0#

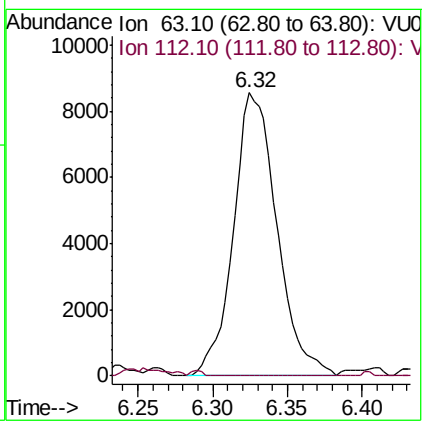


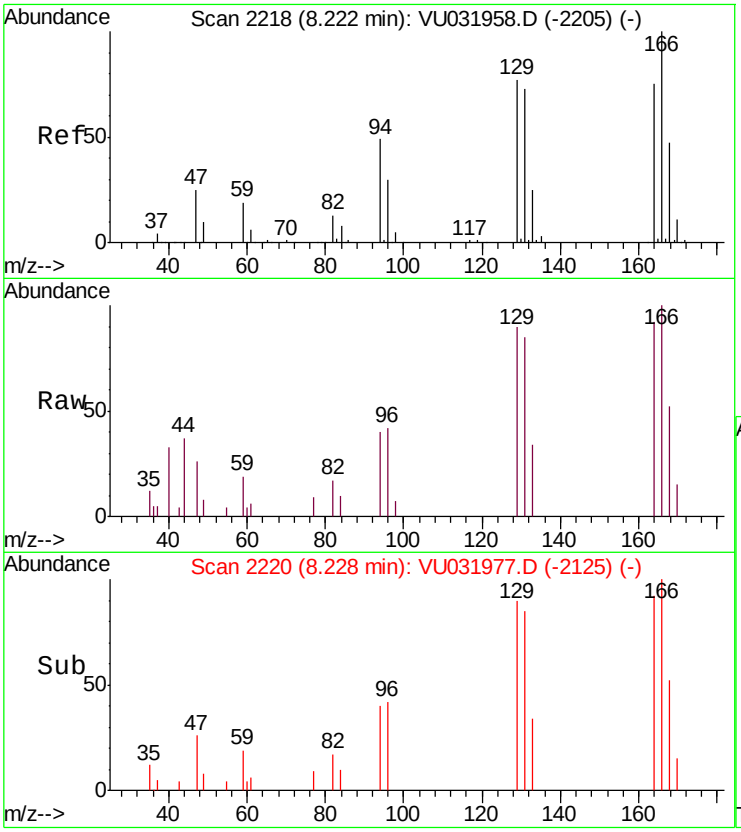


#37
1,2-Dichloropropane
Concen: 0.383 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU031977.D
Acq: 13 May 2019 18:41

Tgt Ion: 63 Resp: 17313

Ion	Ratio	Lower	Upper
63	100		
112	0.5	2.5	3.7#



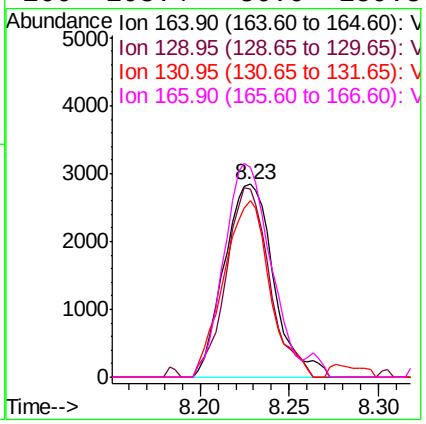


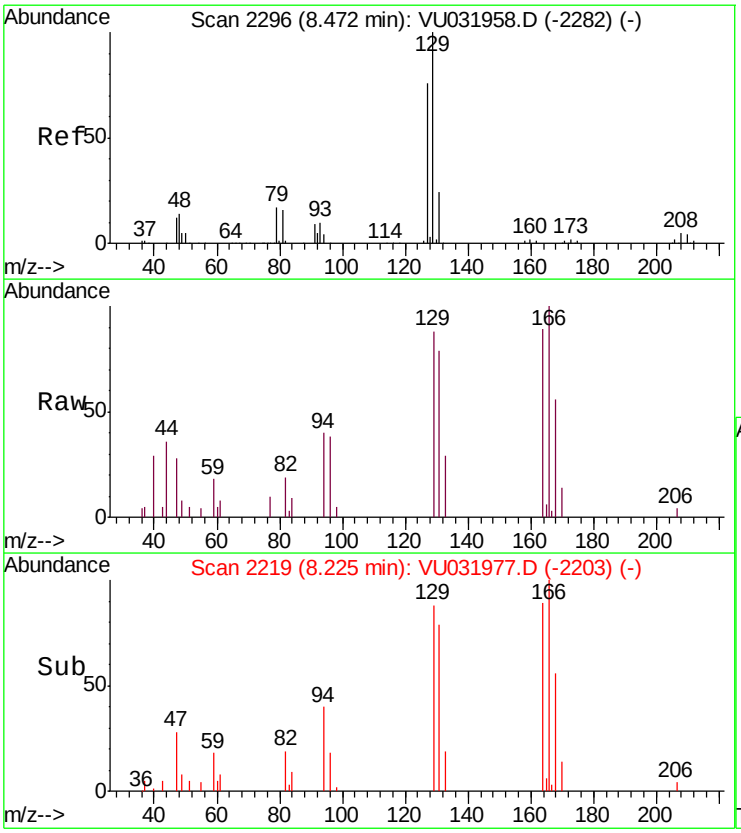
#47
Tetrachloroethene
Concen: 0.213 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU031977.D
Acq: 13 May 2019 18:41

Instrument :
MSVOA_U
ClientSampleId :
F9D20

Tgt Ion:164 Resp: 5505

Ion	Ratio	Lower	Upper
164	100		
129	97.6	70.3	130.5
131	91.6	65.4	121.4
166	108.4	86.0	159.8

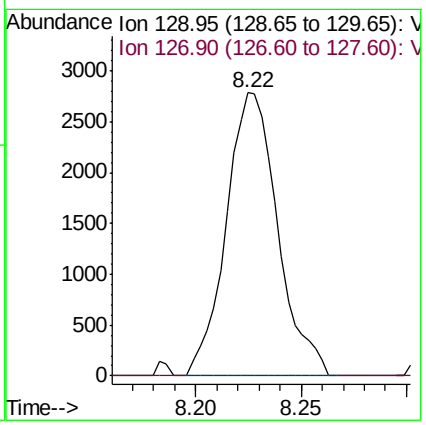


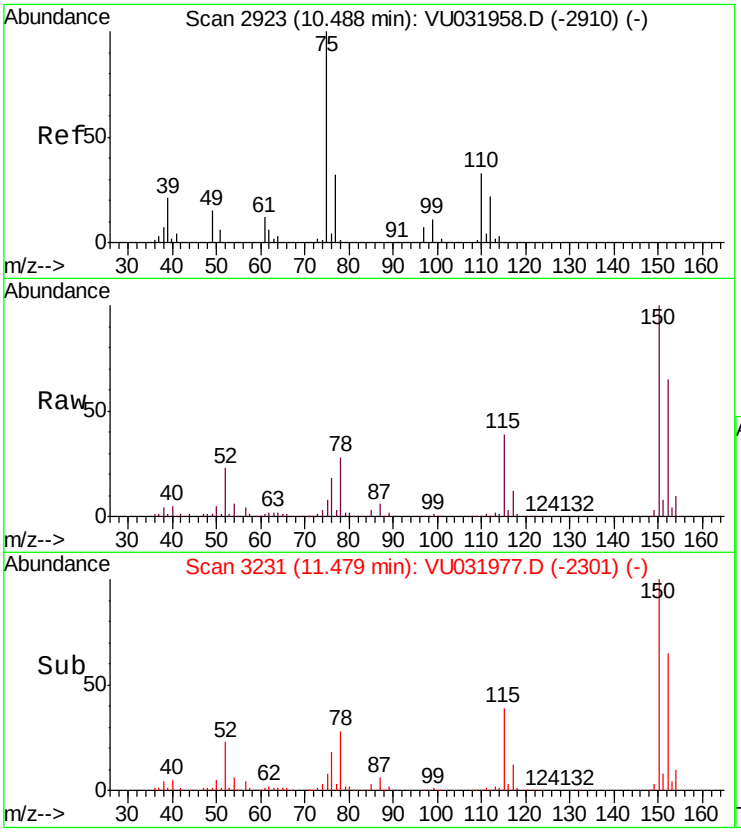


#49
Dibromochloromethane
Concen: 0.152 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU031977.D
Acq: 13 May 2019 18:41

Tgt Ion:129 Resp: 4726

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#59
1,2,3-Trichloropropane
Concen: 0.817 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031977.D
Acq: 13 May 2019 18:41

Instrument :
MSVOA_U
ClientSampleId :
F9D20

Tgt Ion: 75 Resp: 21846

Ion	Ratio	Lower	Upper
75	100		
77	33.2	26.3	39.5