Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
Data File : VU030027.D
Acq On : 13 Mar 2019 13:37
Operator : JC/SP
Sample : K1838-12
Misc : 6.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF2L5

Quant Time: Mar 14 01:40:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 01:36:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	540765	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	552870	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	299228	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	135157	37.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.58%			
7) Chloroethane-d5	1.64	69	65800	22.79	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 45.58%#			
11) 1,1-Dichloroethene-d2	2.23	63	188295	29.16	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.32%#			
21) 2-Butanone-d5	4.19	46	229787	85.74	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 85.74%			
24) Chloroform-d	4.64	84	254216	39.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.24%			
26) 1,2-Dichloroethane-d4	5.30	65	156302	42.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.34%			
32) Benzene-d6	5.33	84	553505	38.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.78%			
36) 1,2-Dichloropropane-d6	6.32	67	174446	40.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 80.10%			
41) Toluene-d8	7.56	98	513473	38.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 77.06%#			
43) trans-1,3-Dichloropropene-	7.85	79	81258	38.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.02%			
47) 2-Hexanone-d5	8.32	63	222550	91.32	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.32%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	304770	45.53	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.06%			
64) 1,2-Dichlorobenzene-d4	11.86	152	244092	42.11	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.22%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	4439	1.178	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2135	0.601	ug/L #	19
12) 1,1-Dichloroethene	2.23	96	2218	0.654	ug/L #	1
25) Chloroform	4.67	83	9791	1.472	ug/L	93
35) Methylcyclohexane	6.32	83	39098	5.815	ug/L #	21
39) cis-1,3-Dichloropropene	7.22	75	4822	0.745	ug/L #	65
46) Tetrachloroethene	8.22	164	325656	89.746	ug/L	98
48) 2-Hexanone	8.32	43	21374	4.459	ug/L #	62

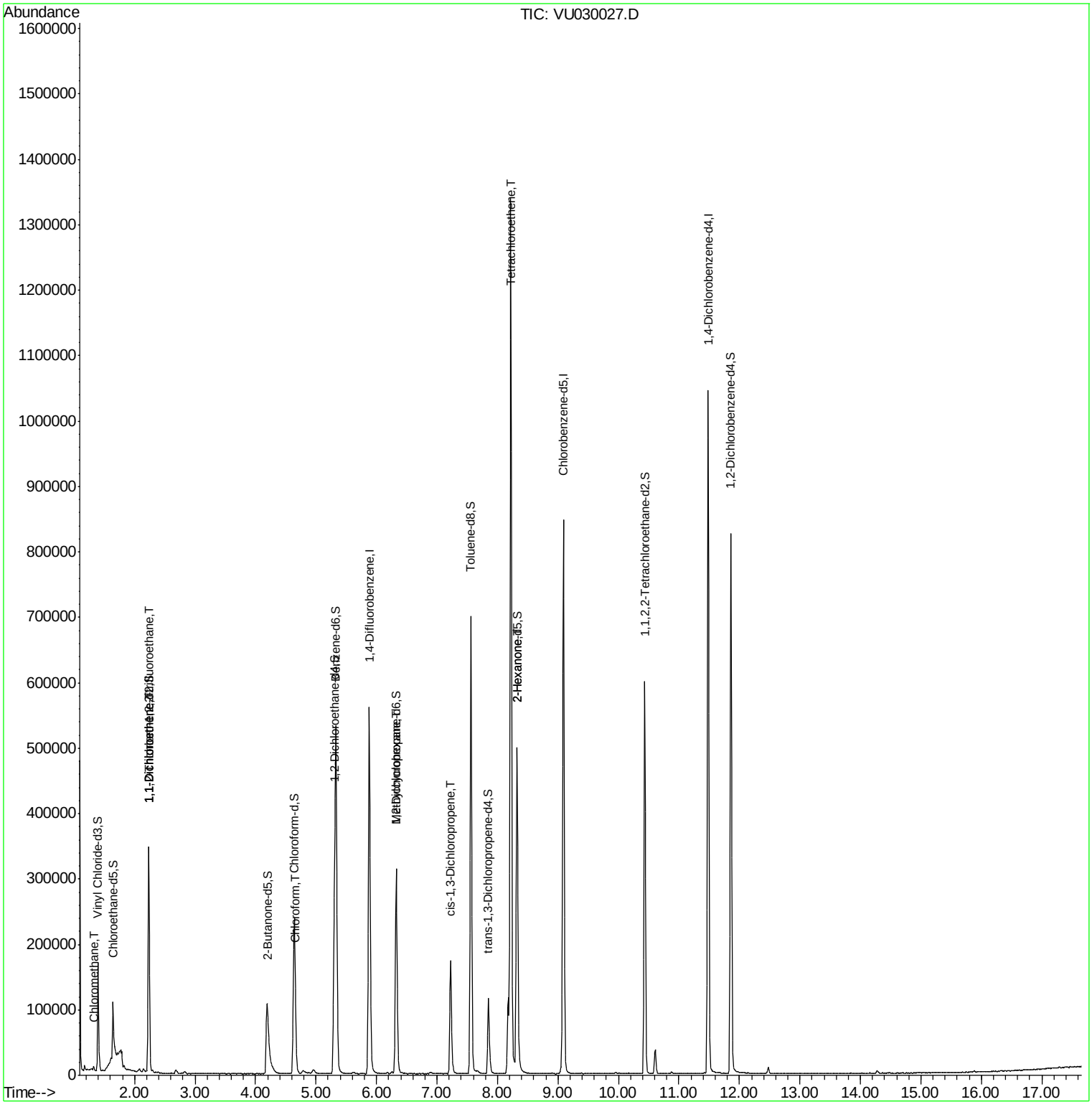
(#) = qualifier out of range (m) = manual integration (+) = signals summed

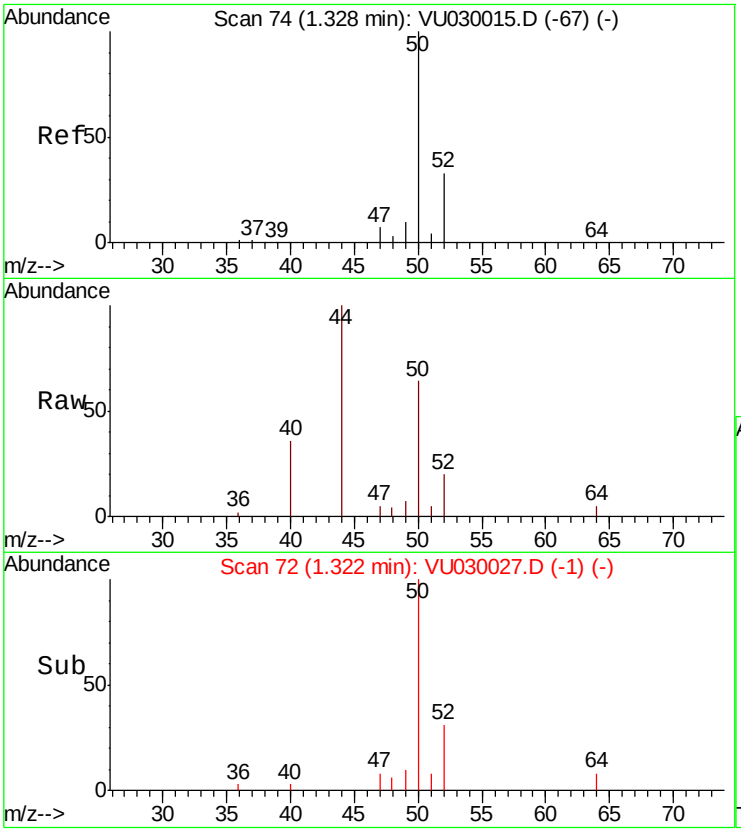
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
Data File : VU030027.D
Acq On : 13 Mar 2019 13:37
Operator : JC/SP
Sample : K1838-12
Misc : 6.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF2L5

Quant Time: Mar 14 01:40:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 01:36:14 2019
Response via : Initial Calibration



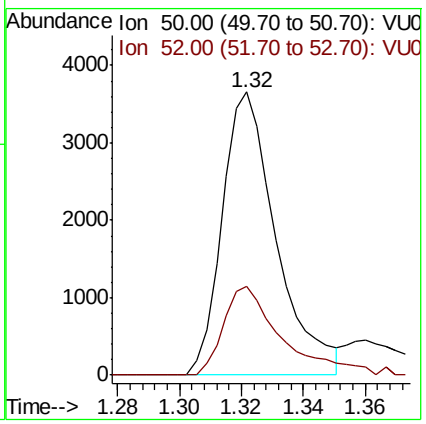


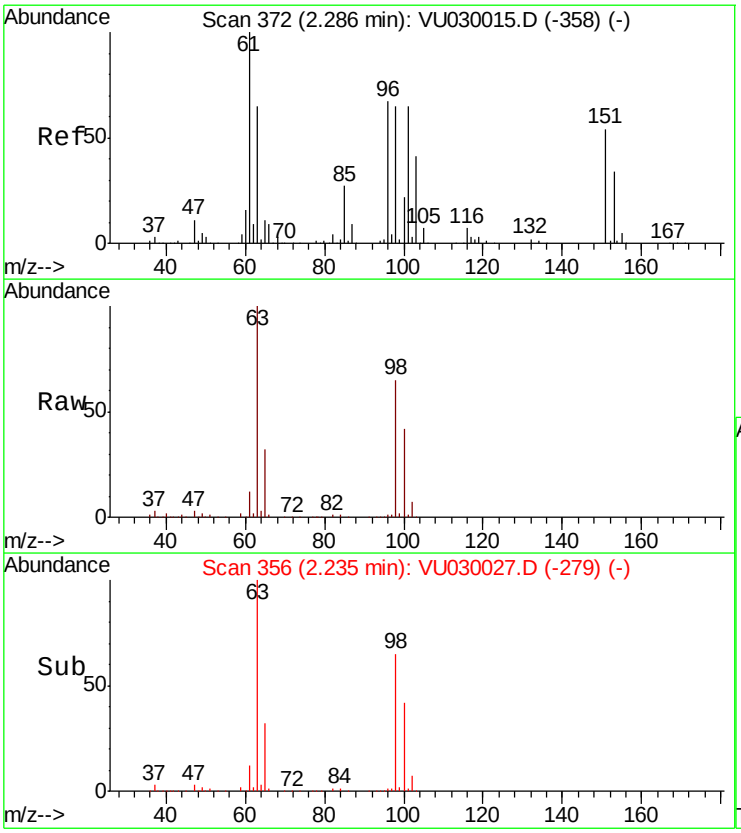
#3
Chloromethane
Concen: 1.178 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.01 min
Lab File: VU030027.D
Acq: 13 Mar 2019 13:37

Instrument :
MSVOA_U
ClientSampleId :
BF2L5

Tgt Ion: 50 Resp: 4439

Ion	Ratio	Lower	Upper
50	100		
52	31.5	23.4	43.6

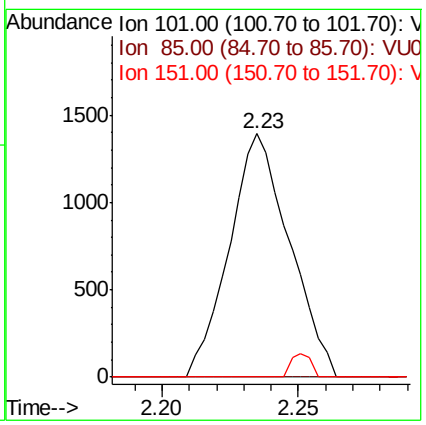


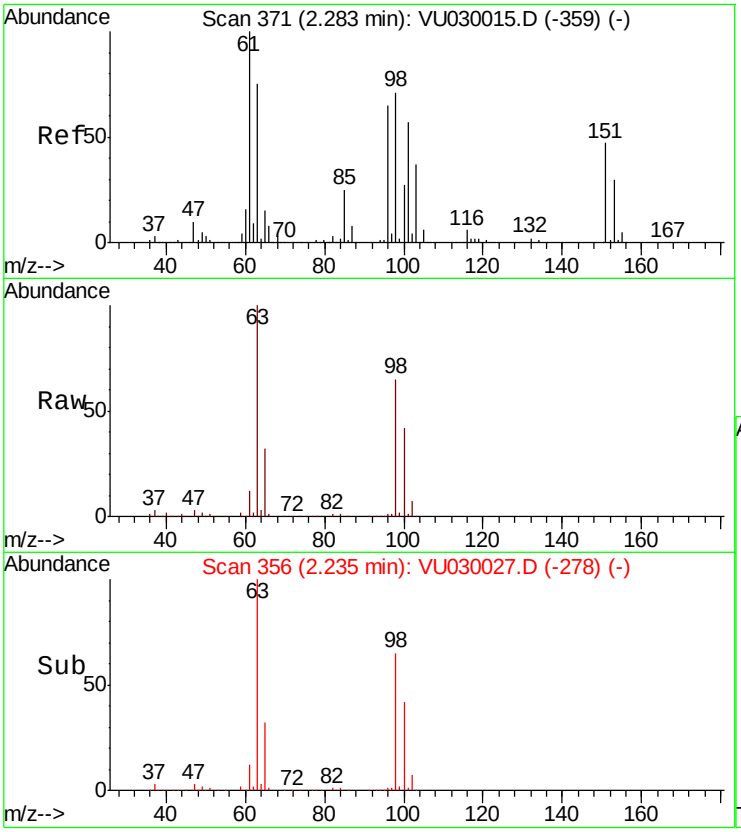


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.601 ug/L
RT: 2.23 min Scan# 356
Delta R.T. -0.05 min
Lab File: VU030027.D
Acq: 13 Mar 2019 13:37

Tgt Ion:101 Resp: 2135

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.0	49.4#
151	3.2	66.1	99.1#



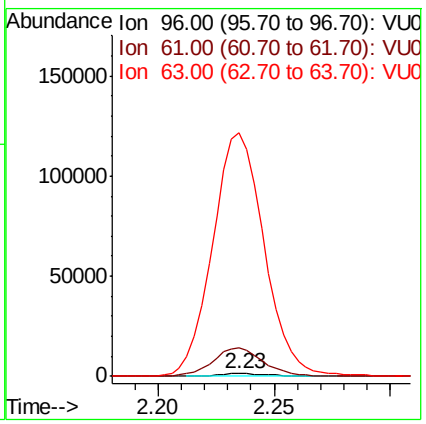


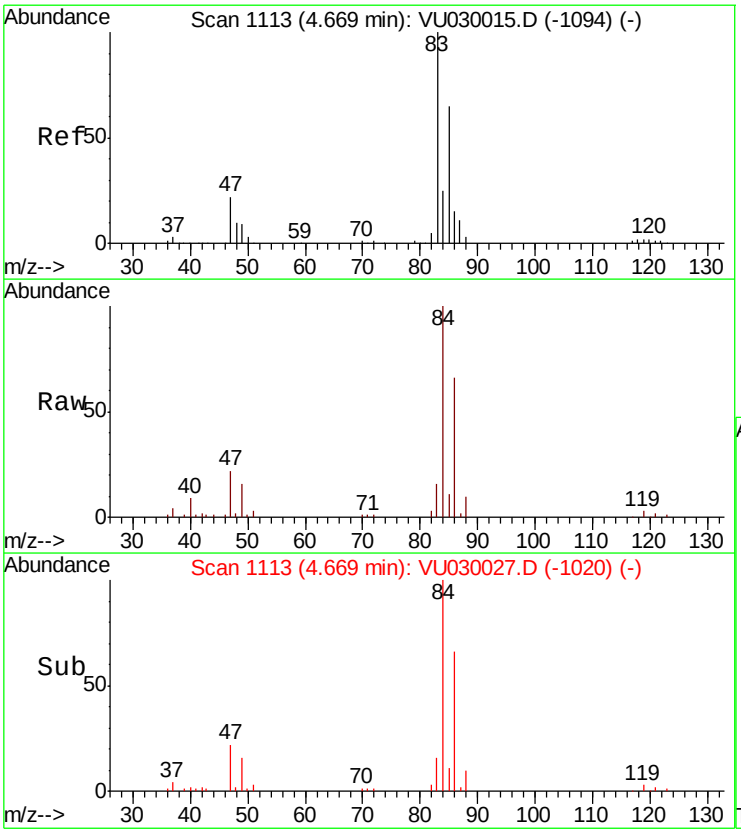
#12
1,1-Dichloroethene
Concen: 0.654 ug/L
RT: 2.23 min Scan# 356
Delta R.T. -0.05 min
Lab File: VU030027.D
Acq: 13 Mar 2019 13:37

Instrument :
MSVOA_U
ClientSampleId :
BF2L5

Tgt Ion: 96 Resp: 2218

Ion	Ratio	Lower	Upper
96	100		
61	985.4	110.4	205.0#
63	8499.2	86.5	160.7#

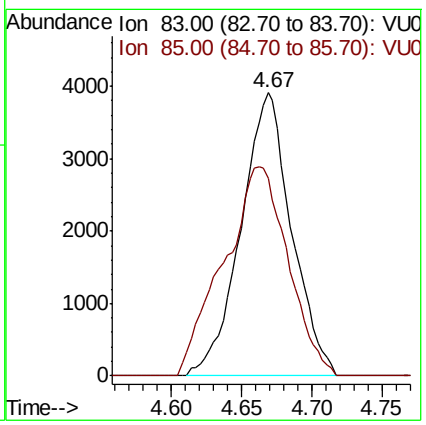


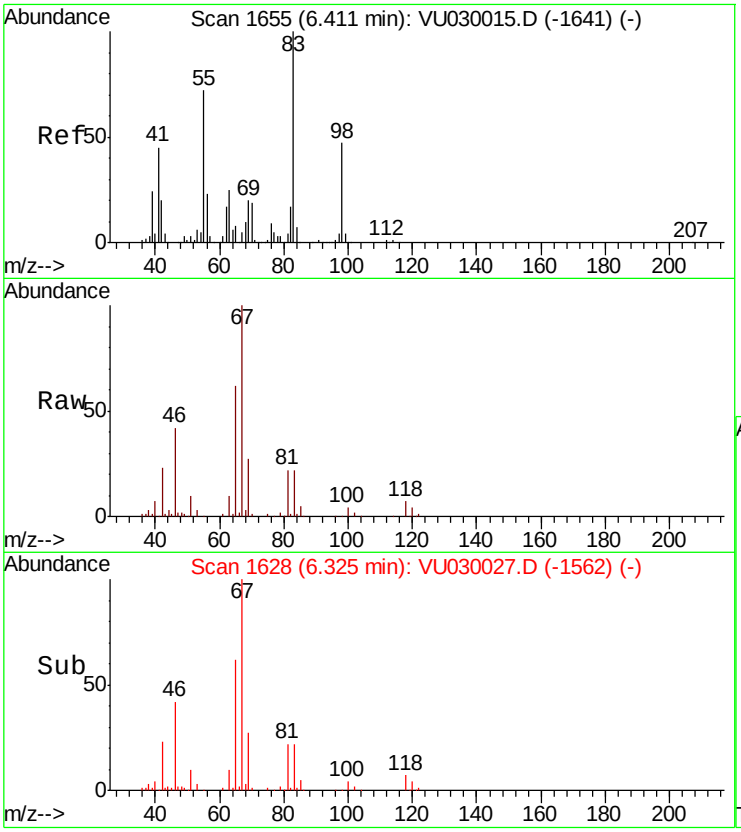


#25
Chloroform
Concen: 1.472 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU030027.D
Acq: 13 Mar 2019 13:37

Tgt Ion: 83 Resp: 9791

Ion	Ratio	Lower	Upper
83	100		
85	69.8	44.9	83.5



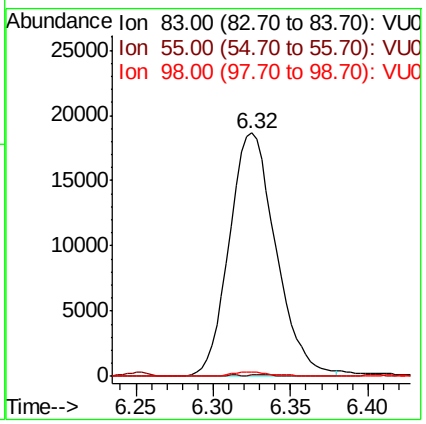


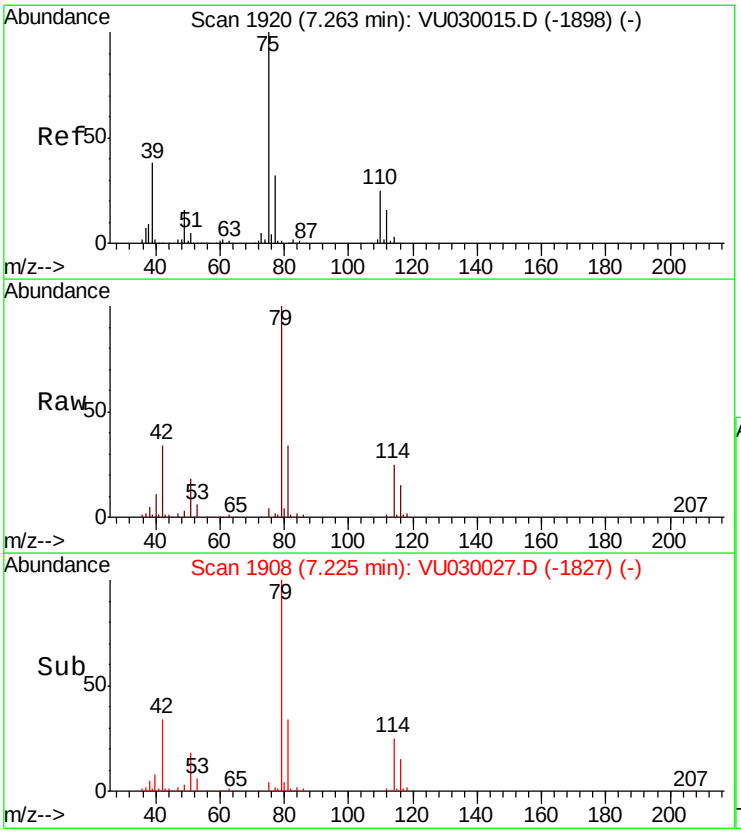
#35
Methylcyclohexane
Concen: 5.815 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.09 min
Lab File: VU030027.D
Acq: 13 Mar 2019 13:37

Instrument :
MSVOA_U
ClientSampleId :
BF2L5

Tgt Ion: 83 Resp: 39098

Ion	Ratio	Lower	Upper
83	100		
55	0.3	56.6	84.8#
98	1.3	37.8	56.6#

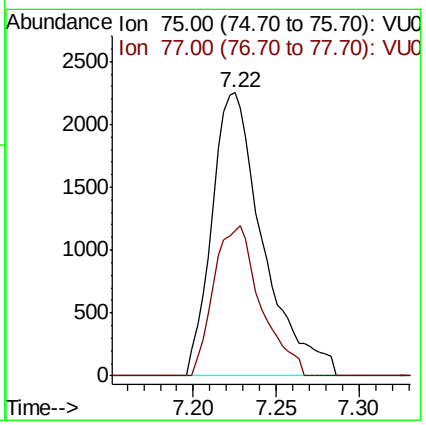


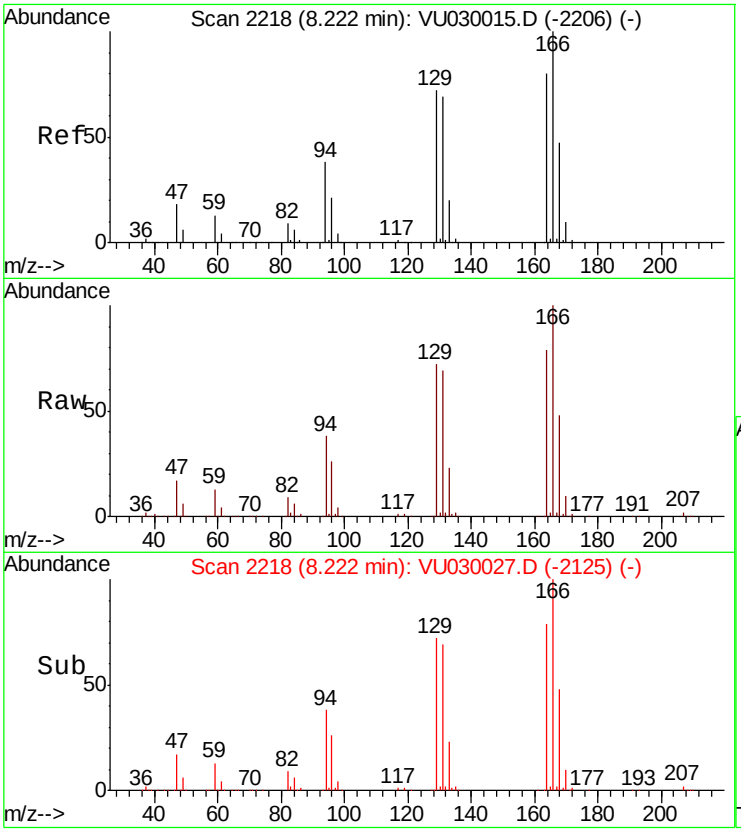


#39
cis-1,3-Dichloropropene
Concen: 0.745 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030027.D
Acq: 13 Mar 2019 13:37

Tgt Ion: 75 Resp: 4822

Ion	Ratio	Lower	Upper
75	100		
77	51.4	22.2	41.2#



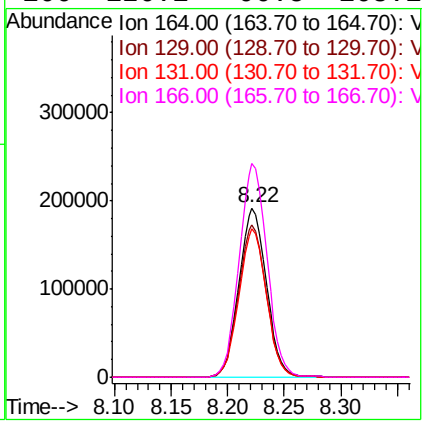


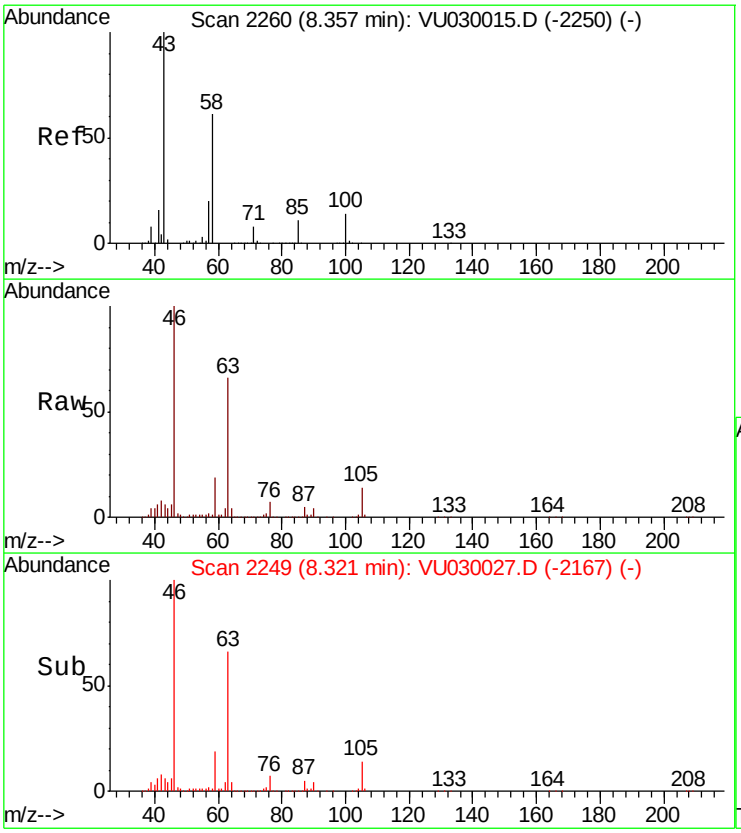
#46
Tetrachloroethene
Concen: 89.746 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU030027.D
Acq: 13 Mar 2019 13:37

Instrument : MSVOA_U
ClientSampleId : BF2L5

Tgt Ion:164 Resp: 325656

Ion	Ratio	Lower	Upper
164	100		
129	90.3	63.3	117.7
131	87.6	62.0	115.2
166	126.1	90.5	168.1





#48
2-Hexanone
Concen: 4.459 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.04 min
Lab File: VU030027.D
Acq: 13 Mar 2019 13:37

Tgt Ion: 43 Resp: 21374

Ion	Ratio	Lower	Upper
43	100		
58	25.3	48.6	72.8#
57	27.5	16.1	24.1#
100	0.2	11.6	17.4#