Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031819\

Quantitation Report (Not Reviewed)

Data File : VU030175.D
Acq On : 18 Mar 2019 15:41
Operator : JC/SP
Sample : K1936-02 50X
Misc : 5.62g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF0T9

Quant Time: Mar 19 02:29:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 12:44:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	527580	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	515879	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	250674	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	116161	33.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 66.58%			
7) Chloroethane-d5	1.68	69	108376	38.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 76.94%			
11) 1,1-Dichloroethene-d2	2.27	63	165984	26.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 52.70%#			
21) 2-Butanone-d5	4.17	46	251650	96.25	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.25%			
24) Chloroform-d	4.64	84	260603	41.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.26%			
26) 1,2-Dichloroethane-d4	5.31	65	159509	44.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.22%			
32) Benzene-d6	5.34	84	527586	39.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.46%			
36) 1,2-Dichloropropane-d6	6.33	67	176518	43.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.86%			
41) Toluene-d8	7.56	98	460717	37.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 74.10%#			
43) trans-1,3-Dichloropropene-	7.85	79	78262	39.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.50%			
47) 2-Hexanone-d5	8.31	63	203529	89.50	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.50%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	284013	45.48	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.96%			
64) 1,2-Dichlorobenzene-d4	11.86	152	212424	43.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.48%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.22	96	16773	4.091	ug/L	93
34) Trichloroethene	6.19	95	12188	3.150	ug/L	89
35) Methylcyclohexane	6.33	83	40072	6.387	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	17263	4.446	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	4281	0.708	ug/L #	55
46) Tetrachloroethene	8.22	164	917287	270.918	ug/L	99
49) Dibromochloromethane	8.22	129	833902	192.203	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	25979	5.137	ug/L	97

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

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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
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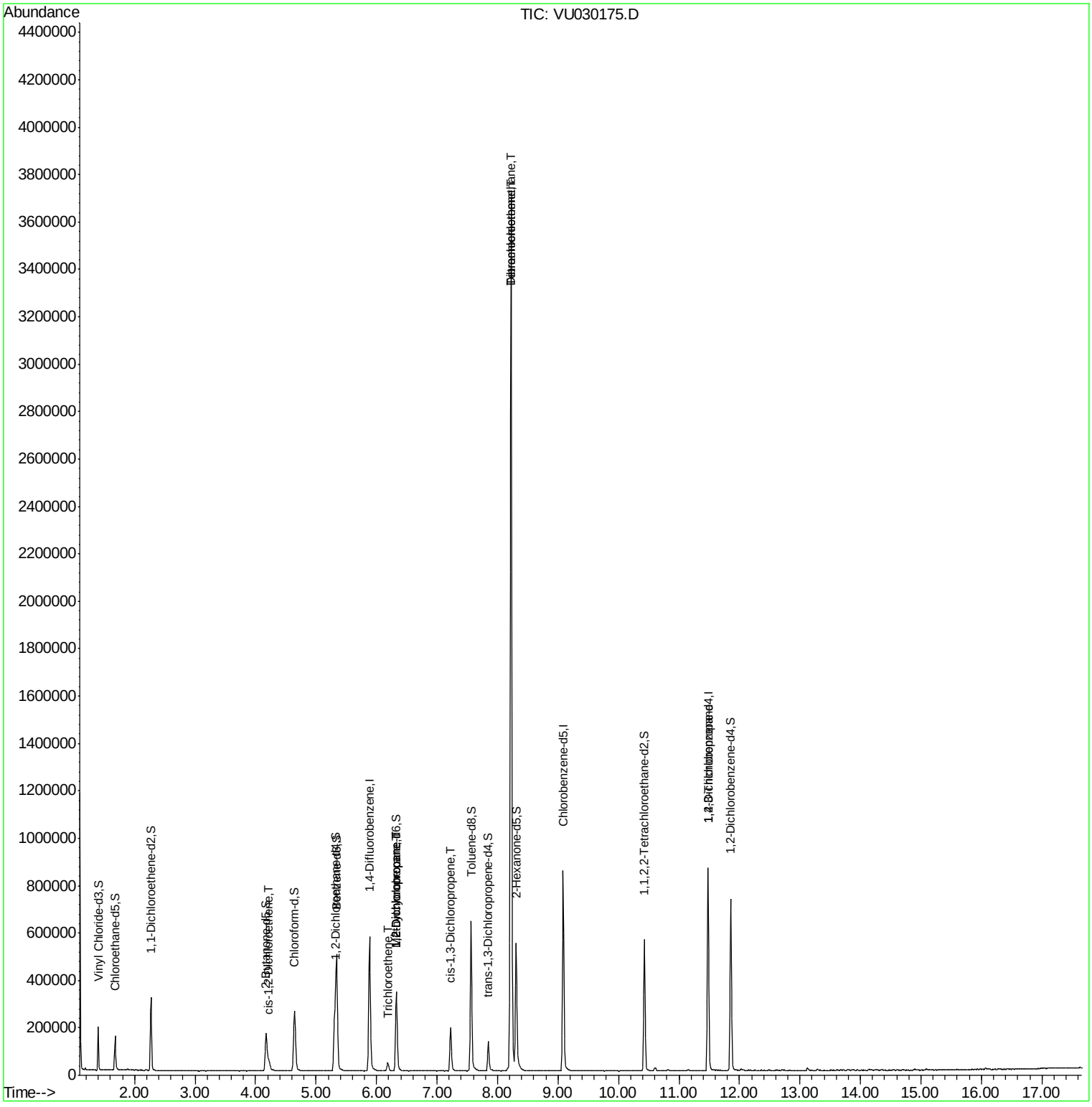
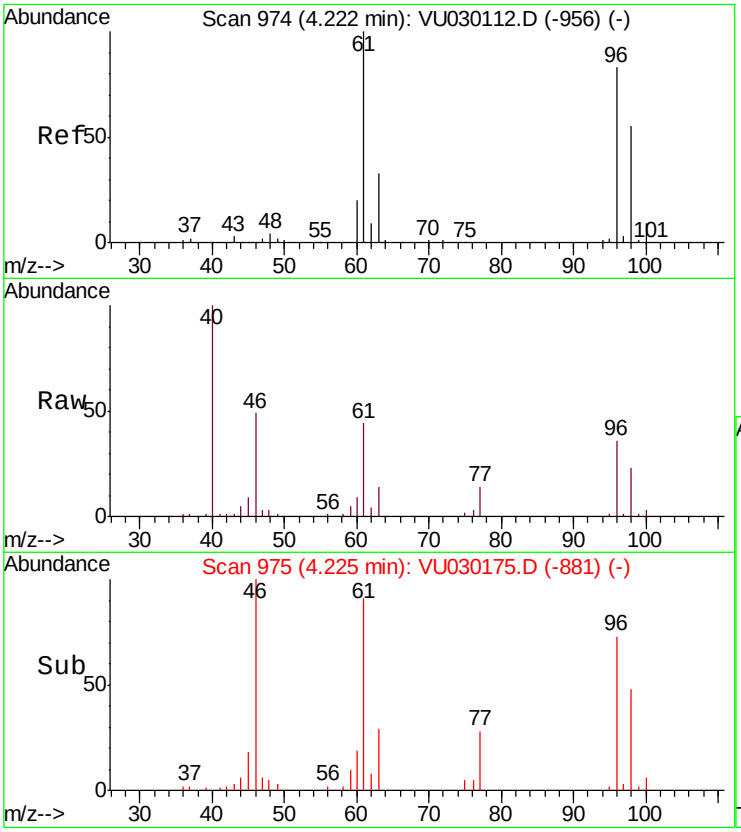
Quant Time: Mar 19 02:29:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 12:44:57 2019
Response via : Initial Calibration



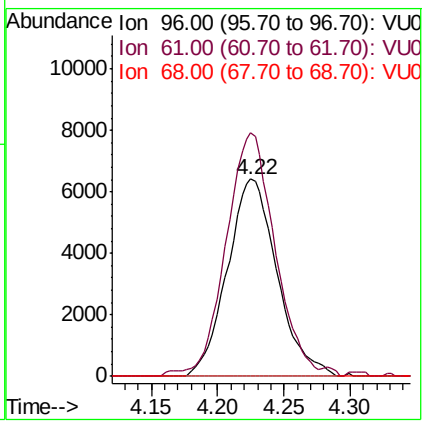


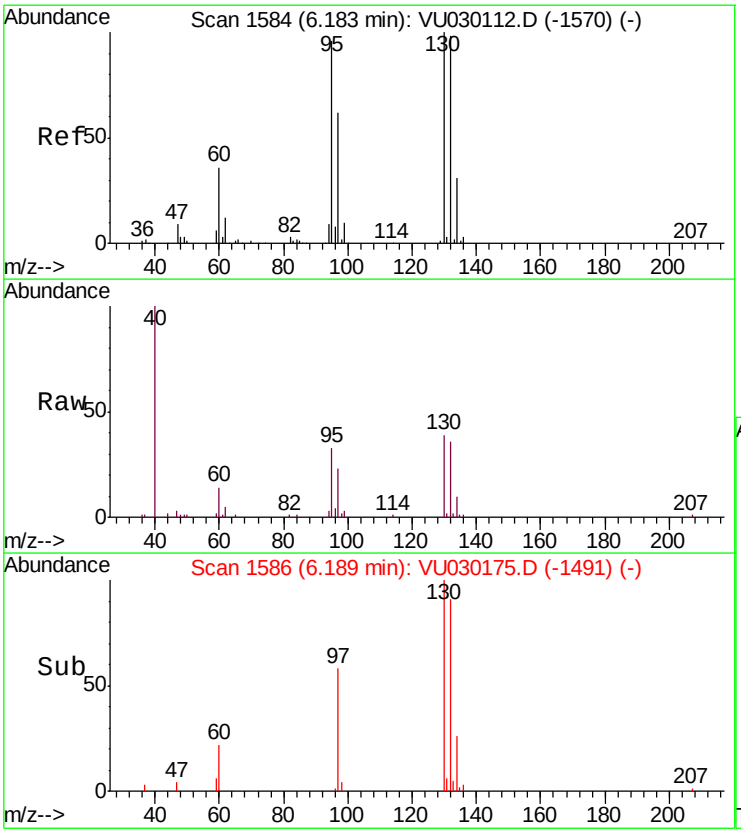
#20
cis-1,2-Dichloroethene
Concen: 4.091 ug/L
RT: 4.22 min Scan# 975
Delta R.T. 0.00 min
Lab File: VU030175.D
Acq: 18 Mar 2019 15:41

Instrument :
MSVOA_U
ClientSampleId :
BF0T9

Tgt Ion: 96 Resp: 16773

Ion	Ratio	Lower	Upper
96	100		
61	123.6	80.8	150.2
68	0.0	0.0	0.0

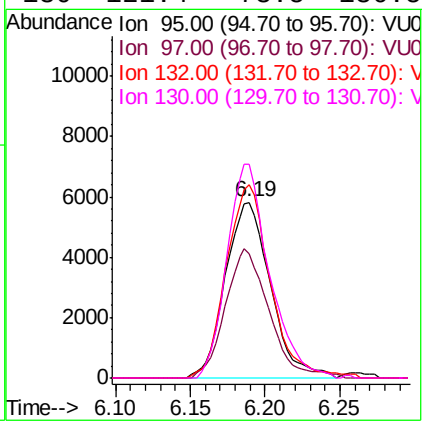


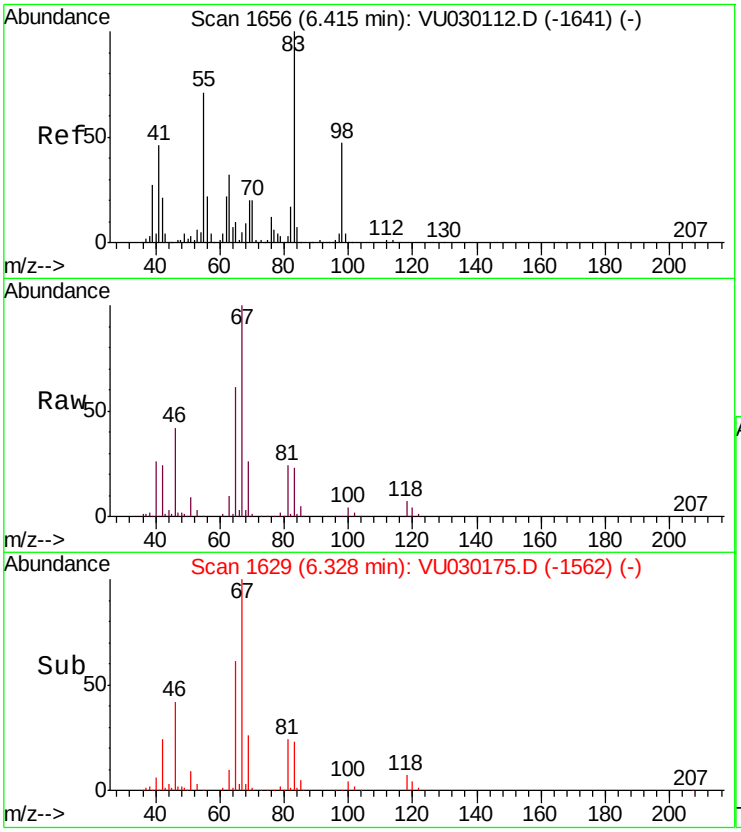


#34
Trichloroethene
Concen: 3.150 ug/L
RT: 6.19 min Scan# 1586
Delta R.T. 0.01 min
Lab File: VU030175.D
Acq: 18 Mar 2019 15:41

Tgt Ion: 95 Resp: 12188

Ion	Ratio	Lower	Upper
95	100		
97	70.4	45.5	84.5
132	110.3	71.5	132.7
130	121.4	73.5	136.5



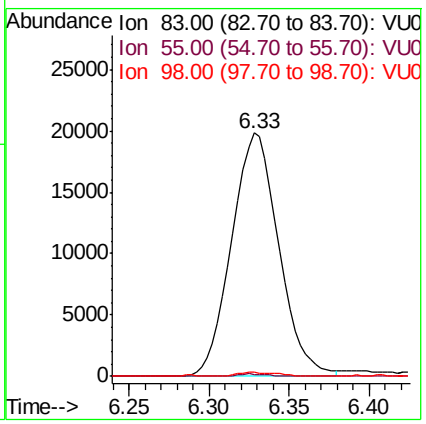


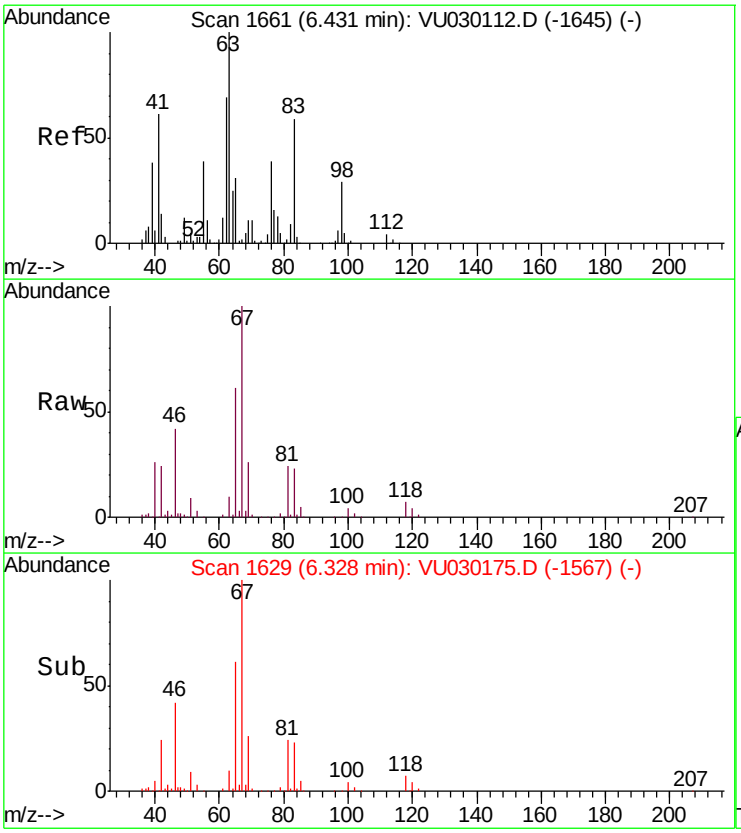
#35
Methylcyclohexane
Concen: 6.387 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU030175.D
Acq: 18 Mar 2019 15:41

Instrument :
MSVOA_U
ClientSampleId :
BF0T9

Tgt Ion: 83 Resp: 40072

Ion	Ratio	Lower	Upper
83	100		
55	0.5	56.6	84.8#
98	1.0	37.8	56.6#

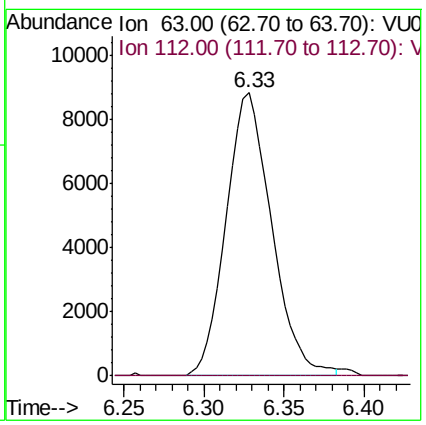


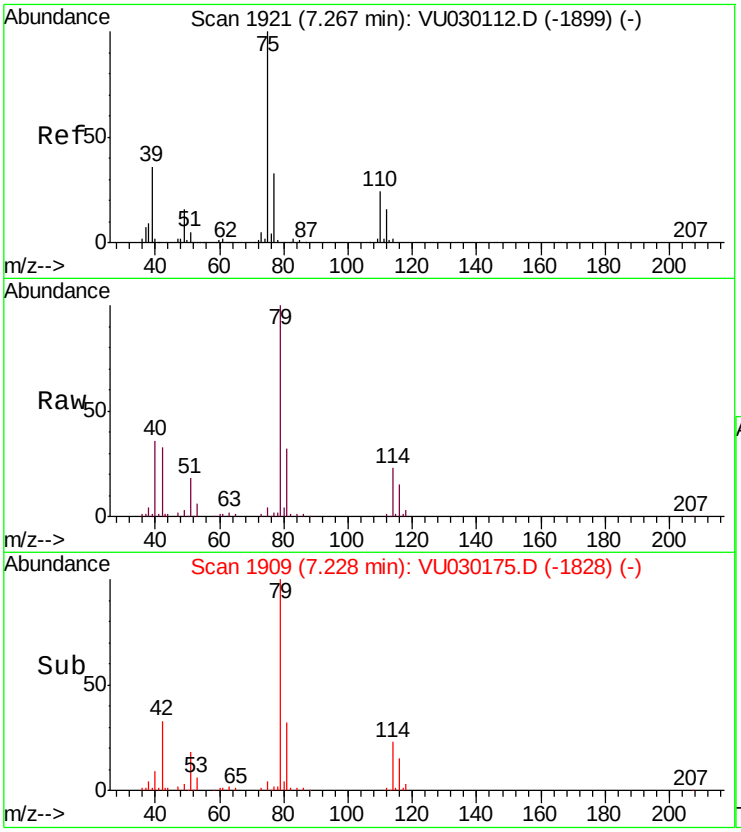


#37
1,2-Dichloropropane
Concen: 4.446 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU030175.D
Acq: 18 Mar 2019 15:41

Tgt Ion: 63 Resp: 17263

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



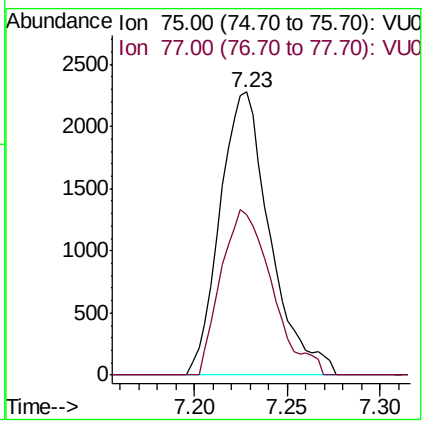


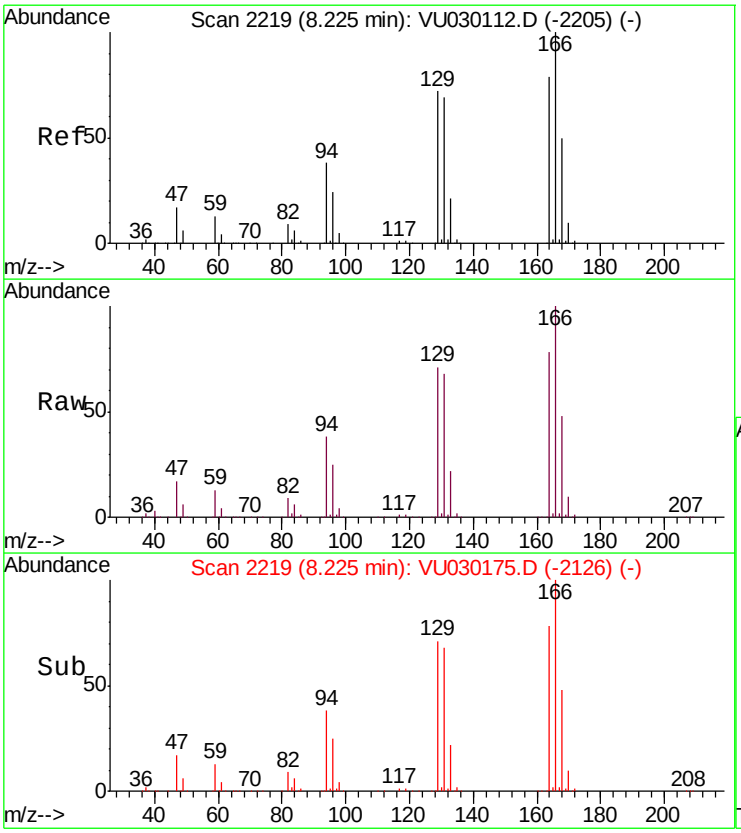
#39
cis-1,3-Dichloropropene
Concen: 0.708 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU030175.D
Acq: 18 Mar 2019 15:41

Instrument :
MSVOA_U
ClientSampleId :
BF0T9

Tgt Ion: 75 Resp: 4281

Ion	Ratio	Lower	Upper
75	100		
77	56.7	22.2	41.2#

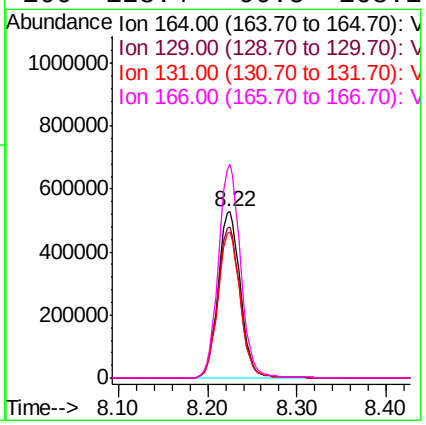


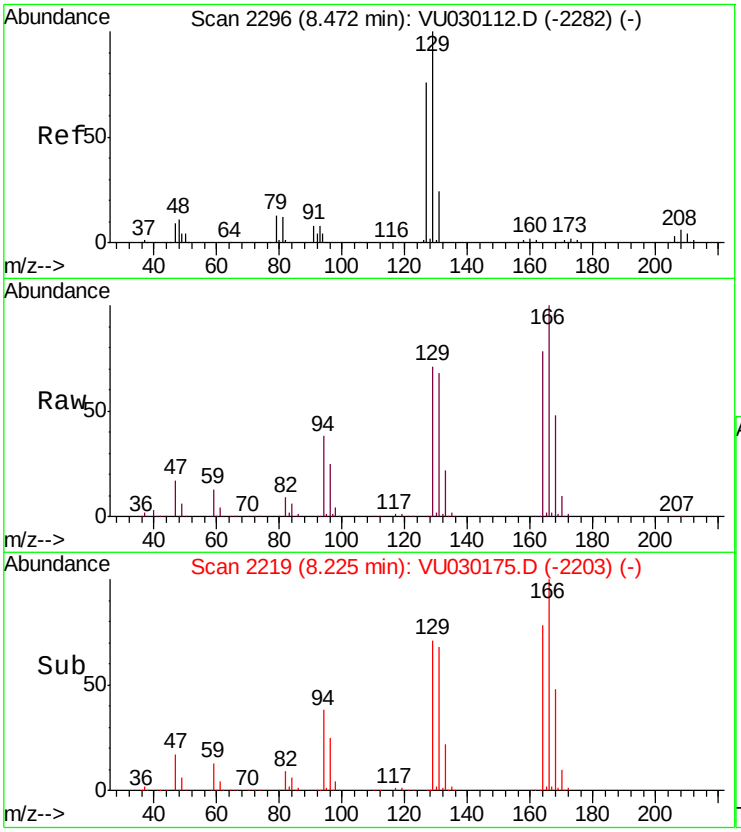


#46
Tetrachloroethene
Concen: 270.918 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU030175.D
Acq: 18 Mar 2019 15:41

Tgt Ion:164 Resp: 917287

Ion	Ratio	Lower	Upper
164	100		
129	91.0	63.3	117.7
131	87.9	62.0	115.2
166	128.4	90.5	168.1



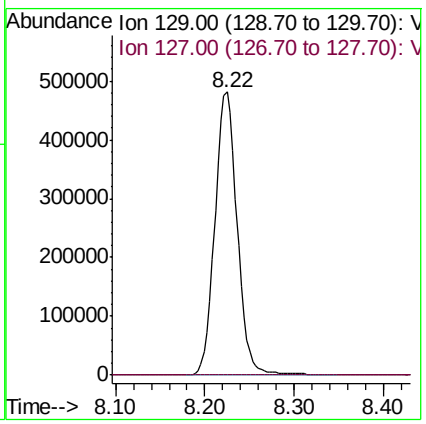


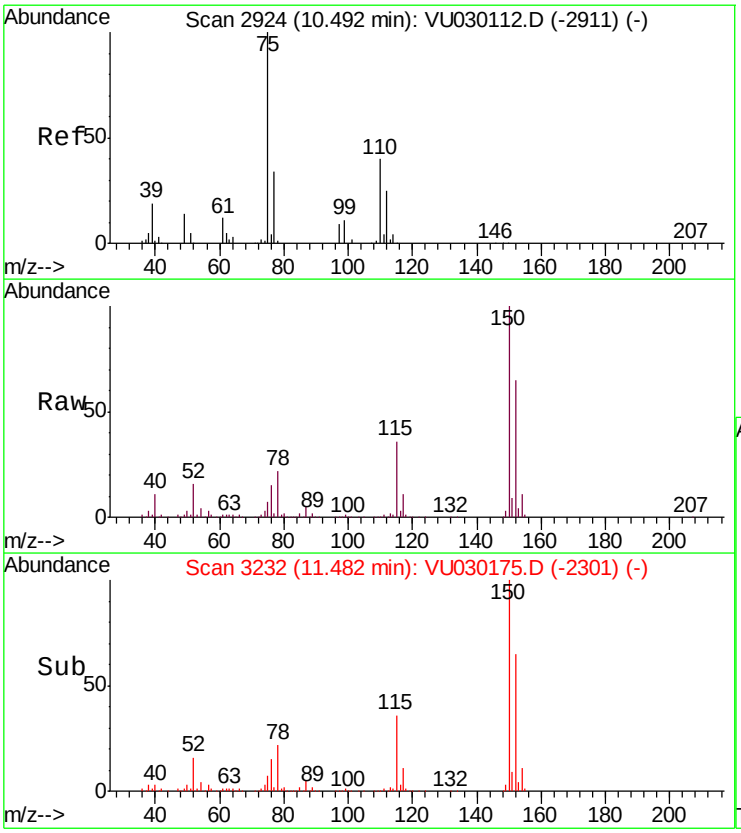
#49
Dibromochloromethane
Concen: 192.203 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU030175.D
Acq: 18 Mar 2019 15:41

Instrument :
MSVOA_U
ClientSampleId :
BF0T9

Tgt Ion:129 Resp: 833902

Ion	Ratio	Lower	Upper
129	100		
127	0.1	55.2	102.4#





#59
1,2,3-Trichloropropane
Concen: 5.137 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030175.D
Acq: 18 Mar 2019 15:41

Tgt Ion: 75 Resp: 25979

Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.8	38.8