Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101219\

Quantitation Report (Not Reviewed)

Data File : VU035109.D
Acq On : 11 Oct 2019 23:12
Operator : JC/SP
Sample : K5310-23DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : OU2-MW-5-001-01DL

Quant Time: Oct 12 02:49:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 02:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	170815	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	178912	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	66292	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	52564	5.21	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.20%			
7) Chloroethane-d5	1.68	69	52761	5.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 112.00%			
11) 1,1-Dichloroethene-d2	2.26	63	79770	3.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.00%			
20) 2-Butanone-d5	4.17	46	146965	49.42	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.84%			
24) Chloroform-d	4.62	84	93747	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
26) 1,2-Dichloroethane-d4	5.29	65	59808	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.80%			
32) Benzene-d6	5.32	84	195487	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
36) 1,2-Dichloropropane-d6	6.31	67	68993	4.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.40%			
41) Toluene-d8	7.55	98	172715	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.20%			
43) trans-1,3-Dichloropropene-	7.84	79	20892	4.14	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.80%			
46) 2-Hexanone-d5	8.31	63	101990	42.49	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.98%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57635	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.60%			
64) 1,2-Dichlorobenzene-d4	11.85	152	58309	5.21	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.20%			
Target Compounds						Qvalue
16) Methylene chloride	2.69	84	1877	0.138	ug/L #	68
18) trans-1,2-Dichloroethene	2.97	96	2125	0.181	ug/L	94
22) cis-1,2-Dichloroethene	4.20	96	15769	1.203	ug/L	94
25) Chloroform	4.65	83	12234	0.466	ug/L	94
34) Trichloroethene	6.16	95	106870	7.689	ug/L	97
35) Methylcyclohexane	6.31	83	15359	0.682	ug/L #	19
37) 1,2-Dichloropropane	6.31	63	7246	0.498	ug/L #	88
47) Tetrachloroethene	8.21	164	38146	3.391	ug/L	99
48) 2-Hexanone	8.31	43	11119	1.772	ug/L #	67
49) Dibromochloromethane	8.21	129	36916	3.309	ug/L #	12
59) 1,2,3-Trichloropropane	11.47	75	8490	0.902	ug/L #	87

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

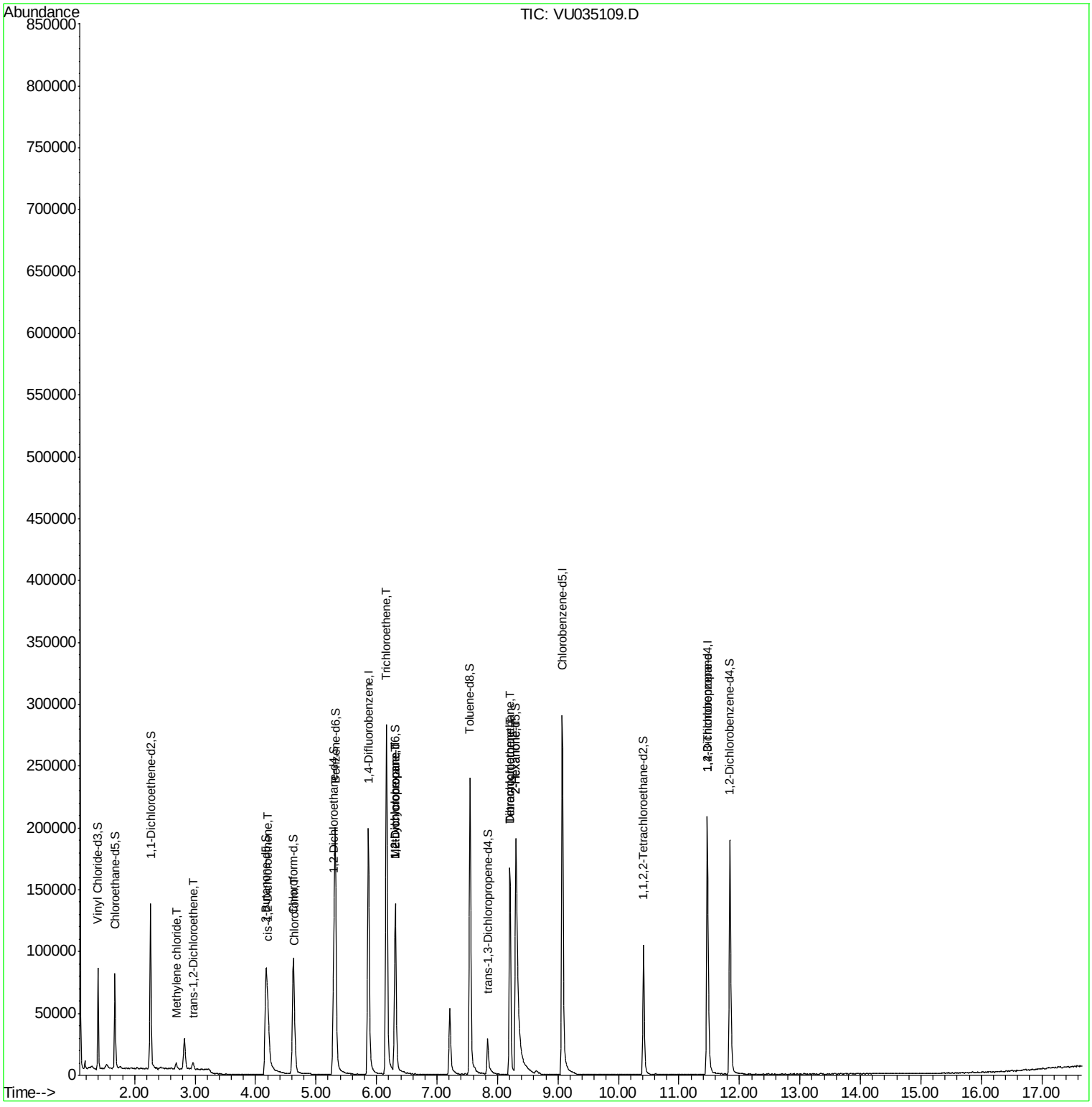
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101219\

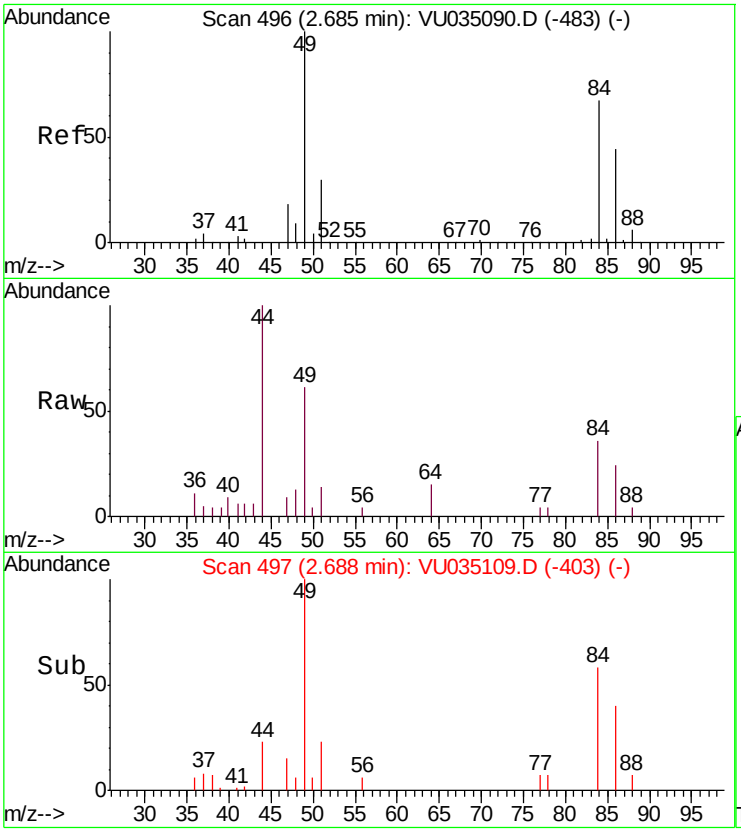
Quantitation Report (Not Reviewed)

Data File : VU035109.D
Acq On : 11 Oct 2019 23:12
Operator : JC/SP
Sample : K5310-23DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-5-001-01DL

Quant Time: Oct 12 02:49:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 02:39:23 2019
Response via : Initial Calibration



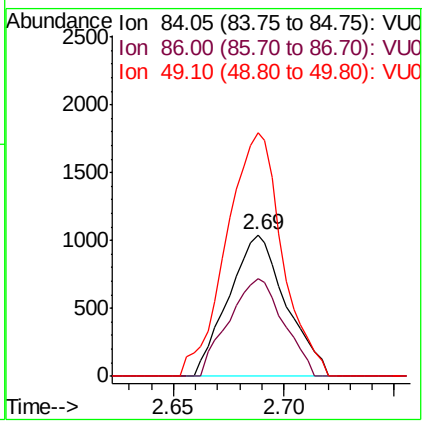


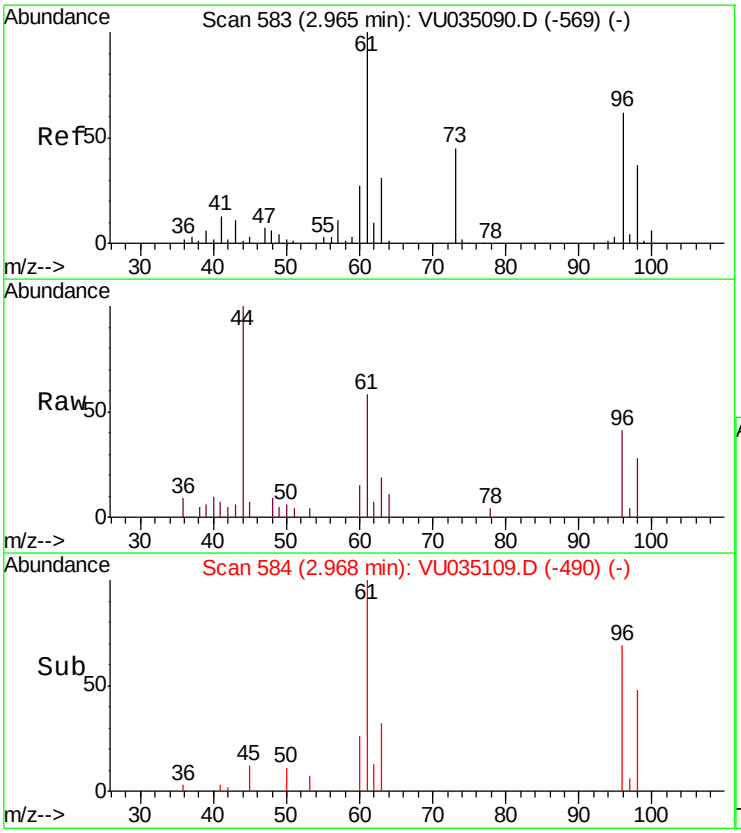
#16
Methylene chloride
Concen: 0.138 ug/L
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU035109.D
Acq: 11 Oct 2019 23:12

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-5-001-01DL

Tgt Ion: 84 Resp: 1877

Ion	Ratio	Lower	Upper
84	100		
86	68.7	42.5	78.9
49	172.2	86.9	161.3#

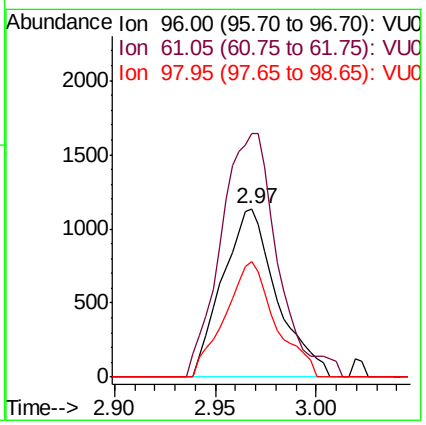


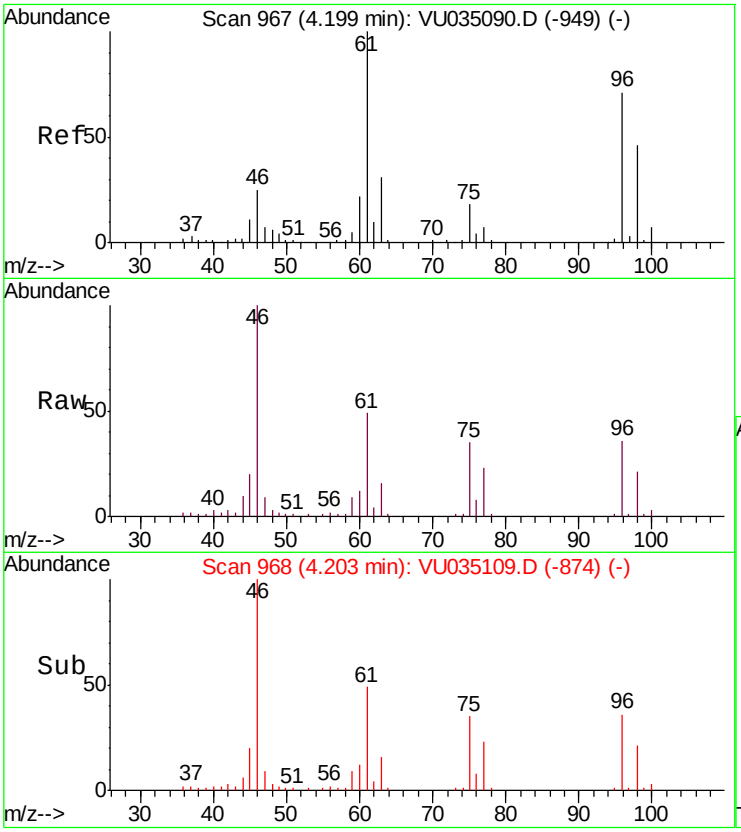


#18
trans-1,2-Dichloroethene
Concen: 0.181 ug/L
RT: 2.97 min Scan# 584
Delta R.T. 0.00 min
Lab File: VU035109.D
Acq: 11 Oct 2019 23:12

Tgt Ion: 96 Resp: 2125

Ion	Ratio	Lower	Upper
96	100		
61	144.3	107.1	198.9
98	68.6	45.4	84.4



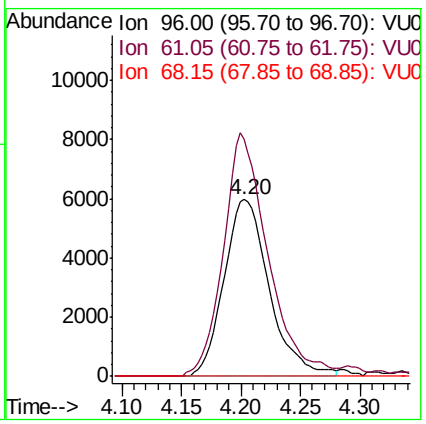


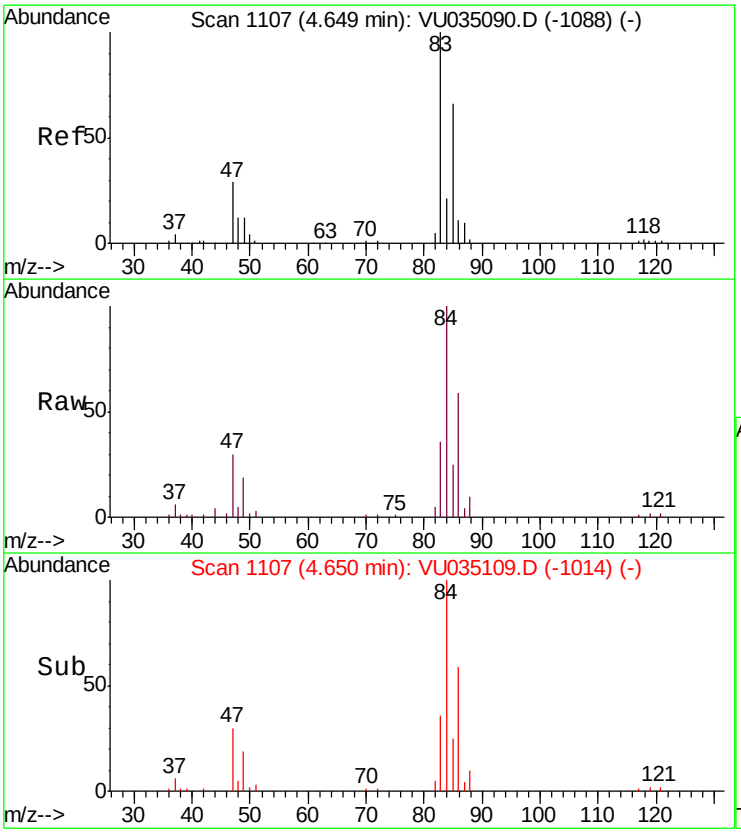
#22
cis-1,2-Dichloroethene
Concen: 1.203 ug/L
RT: 4.20 min Scan# 968
Delta R.T. 0.00 min
Lab File: VU035109.D
Acq: 11 Oct 2019 23:12

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-5-001-01DL

Tgt Ion: 96 Resp: 15769

Ion	Ratio	Lower	Upper
96	100		
61	134.1	89.2	165.6
68	0.0	0.0	0.0

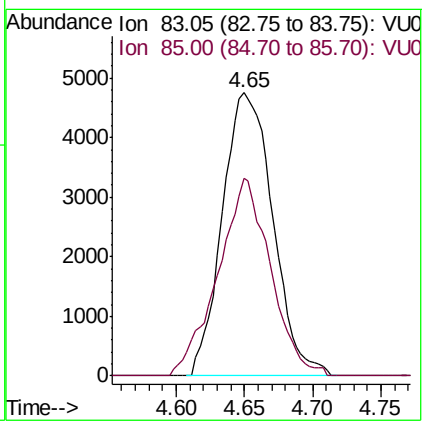


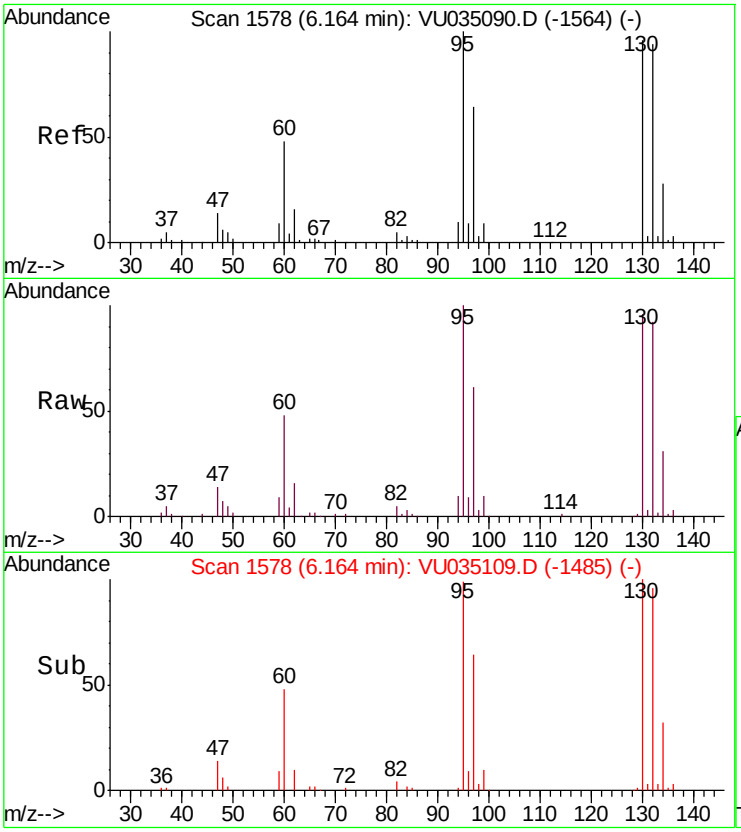


#25
Chloroform
Concen: 0.466 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU035109.D
Acq: 11 Oct 2019 23:12

Tgt Ion: 83 Resp: 12234

Ion	Ratio	Lower	Upper
83	100		
85	69.8	45.4	84.4



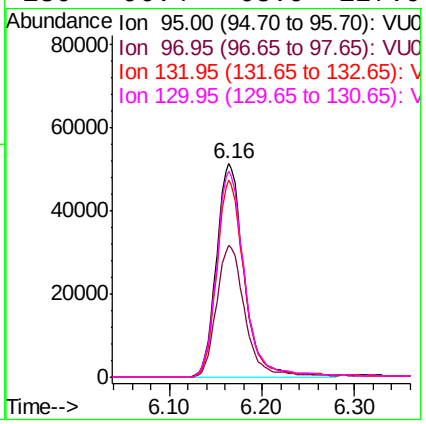


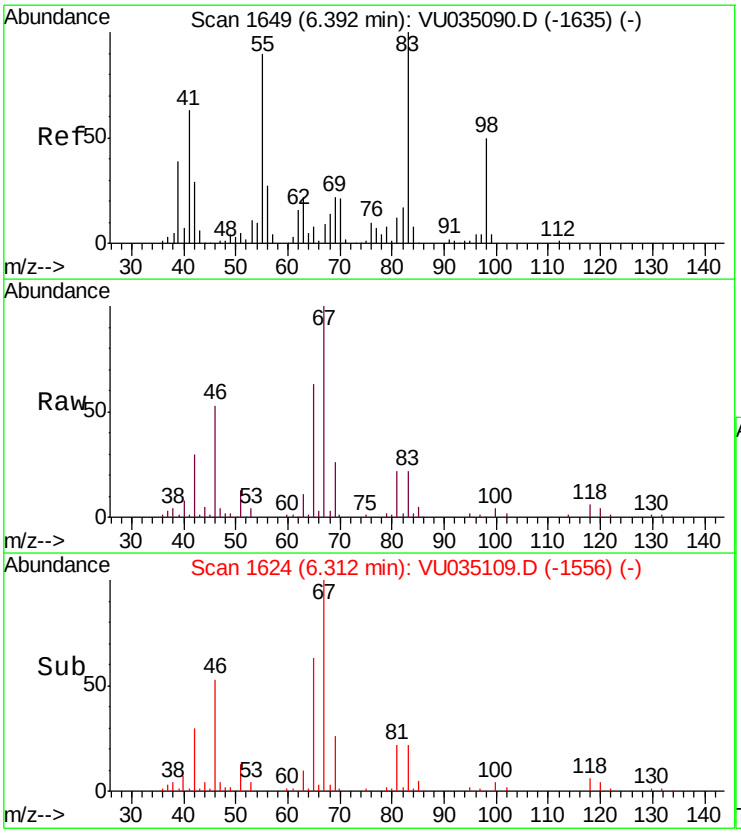
#34
Trichloroethene
Concen: 7.689 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU035109.D
Acq: 11 Oct 2019 23:12

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-5-001-01DL

Tgt Ion: 95 Resp: 106870

Ion	Ratio	Lower	Upper
95	100		
97	61.5	44.5	82.7
132	92.2	66.6	123.8
130	96.4	68.9	127.9

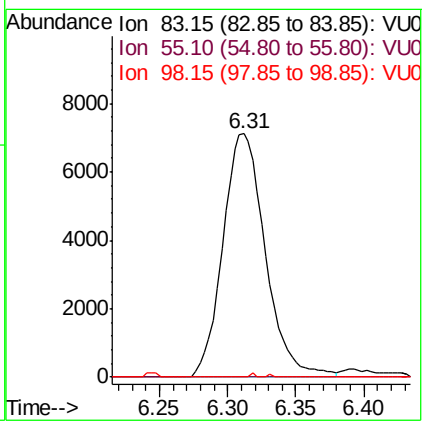


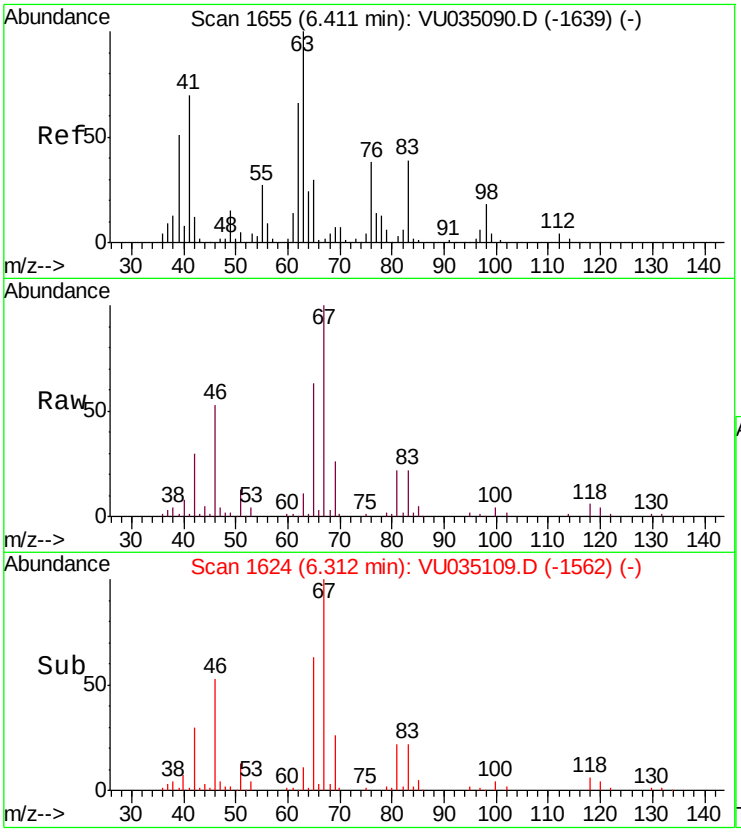


#35
Methylcyclohexane
Concen: 0.682 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035109.D
Acq: 11 Oct 2019 23:12

Tgt Ion: 83 Resp: 15359

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	2.1	36.2	54.2#



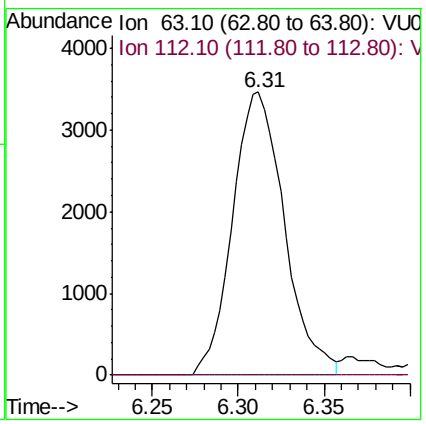


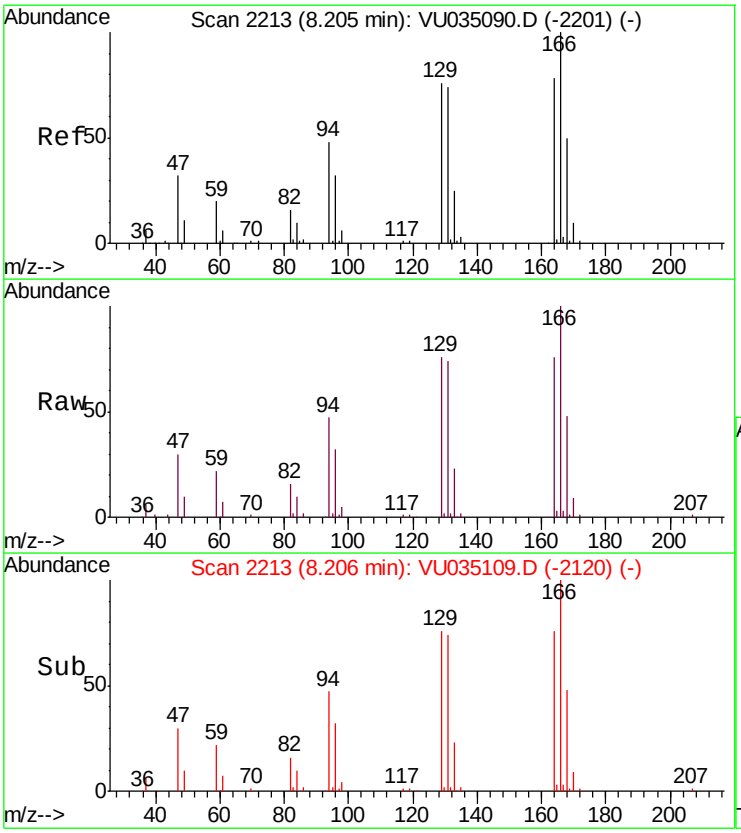
#37
1,2-Dichloropropane
Concen: 0.498 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU035109.D
Acq: 11 Oct 2019 23:12

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-5-001-01DL

Tgt Ion: 63 Resp: 7246

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

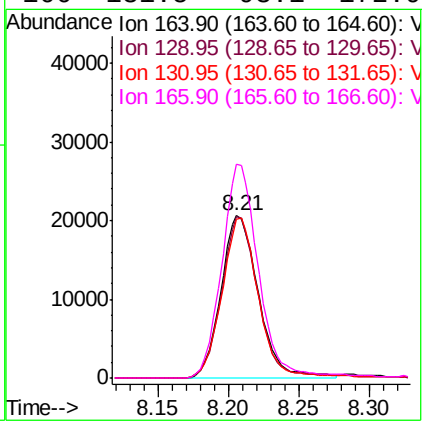


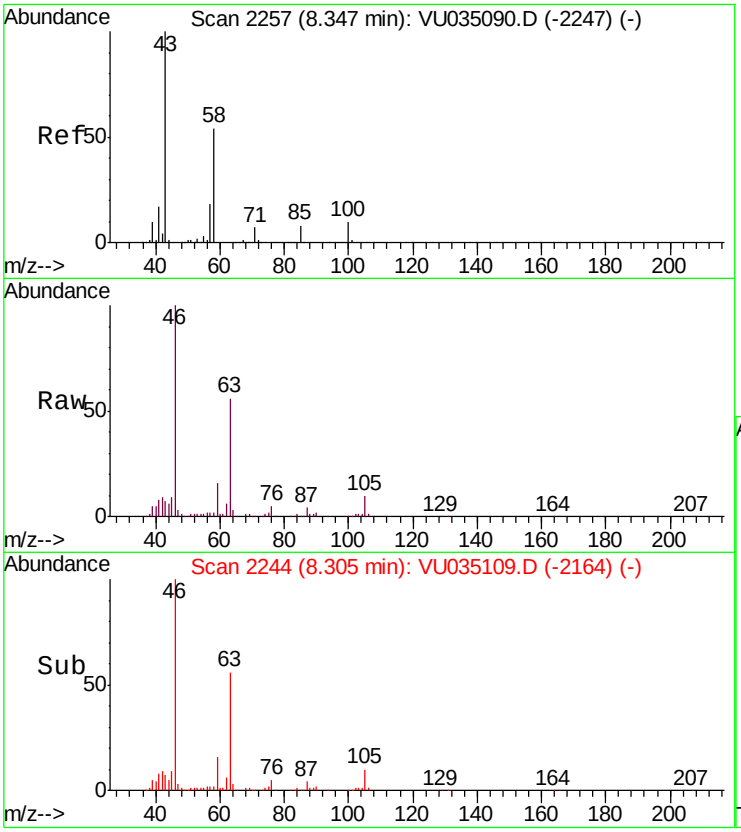


#47
Tetrachloroethene
Concen: 3.391 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VU035109.D
Acq: 11 Oct 2019 23:12

Tgt Ion:164 Resp: 38146

Ion	Ratio	Lower	Upper
164	100		
129	99.5	68.5	127.1
131	97.4	67.3	124.9
166	131.5	93.1	172.9



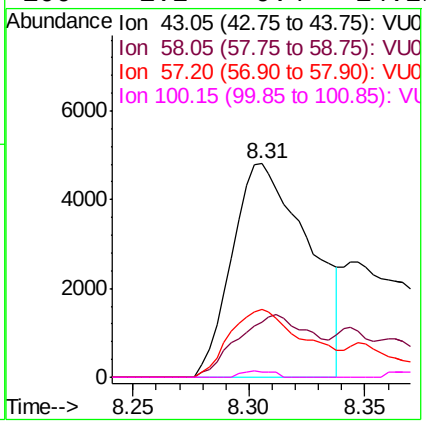


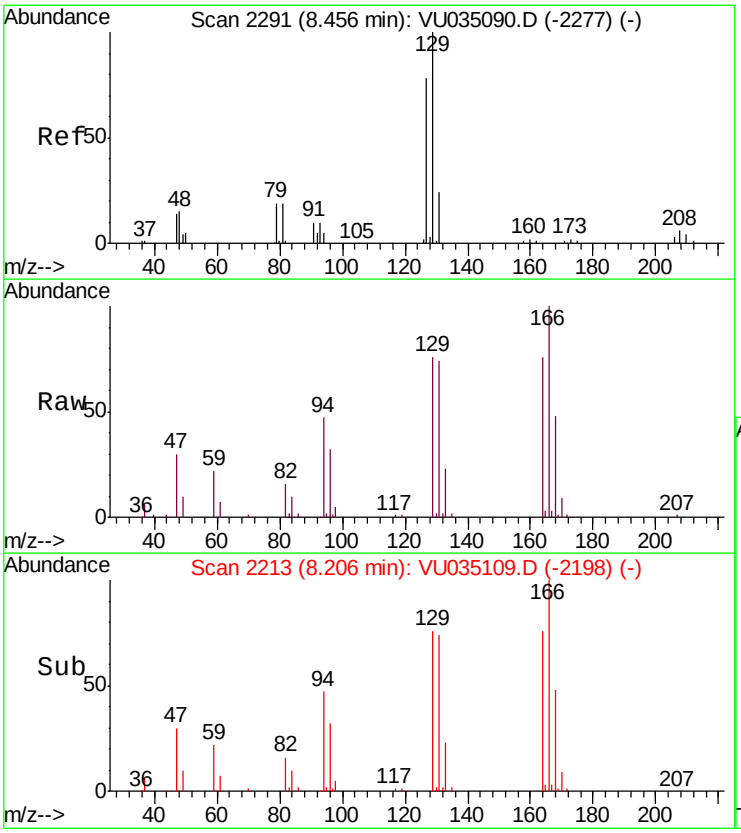
#48
2-Hexanone
Concen: 1.772 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.04 min
Lab File: VU035109.D
Acq: 11 Oct 2019 23:12

Instrument : MSVOA_U
ClientSampleId : OU2-MW-5-001-01DL

Tgt Ion: 43 Resp: 11119

Ion	Ratio	Lower	Upper
43	100		
58	28.5	44.1	66.1#
57	31.7	15.8	23.8#
100	1.2	9.4	14.2#

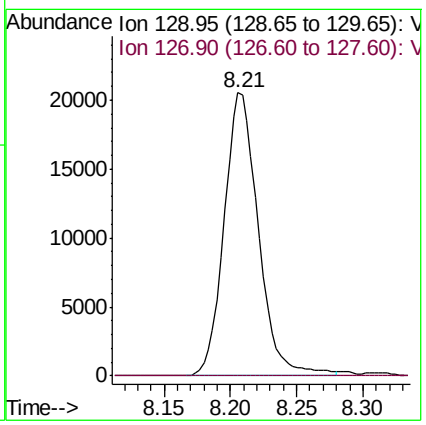


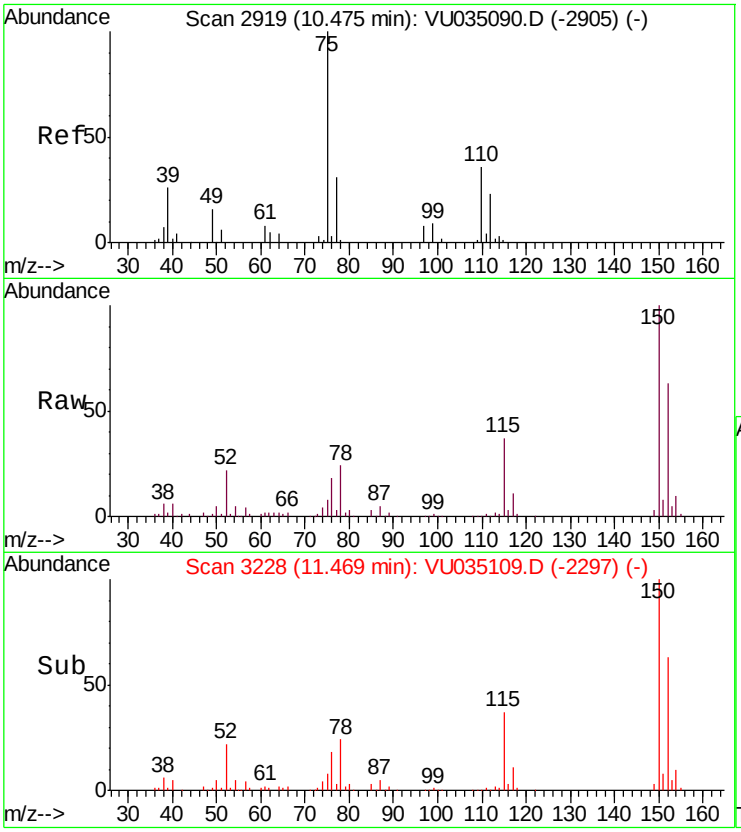


#49
Dibromochloromethane
Concen: 3.309 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU035109.D
Acq: 11 Oct 2019 23:12

Tgt Ion:129 Resp: 36916

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.9	96.5#





#59
1,2,3-Trichloropropane
Concen: 0.902 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU035109.D
Acq: 11 Oct 2019 23:12

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-5-001-01DL

Tgt Ion: 75 Resp: 8490

Ion	Ratio	Lower	Upper
75	100		
77	40.5	26.5	39.7#