Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\

Quantitation Report (Not Reviewed)

Data File : VU034393.D
Acq On : 07 Sep 2019 20:14
Operator : JC/SP
Sample : K4703-05DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFD88DL

Quant Time: Sep 08 02:36:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 14:18:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	298113	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	302488	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	138754	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	66528	3.31	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 66.20%			
7) Chloroethane-d5	1.68	69	64317	3.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.80%			
11) 1,1-Dichloroethene-d2	2.26	63	102099	2.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 54.20%#			
20) 2-Butanone-d5	4.17	46	194511	41.94	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.88%			
24) Chloroform-d	4.63	84	147927	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.40%			
26) 1,2-Dichloroethane-d4	5.29	65	72737	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.20%			
32) Benzene-d6	5.32	84	306664	3.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.80%			
36) 1,2-Dichloropropane-d6	6.31	67	100783	4.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.20%			
41) Toluene-d8	7.55	98	265203	3.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.80%			
43) trans-1,3-Dichloropropene-	7.83	79	31603	3.63	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 72.60%			
46) 2-Hexanone-d5	8.30	63	145935	38.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 77.32%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	78216	4.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.80%			
64) 1,2-Dichlorobenzene-d4	11.84	152	112315	4.71	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.20%			
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.21	96	4504	0.200	ug/L	86
25) Chloroform	4.65	83	6926	0.172	ug/L	97
34) Trichloroethene	6.16	95	20769	0.881	ug/L	96
35) Methylcyclohexane	6.31	83	22520	0.576	ug/L #	18
37) 1,2-Dichloropropane	6.31	63	10341	0.439	ug/L #	88
47) Tetrachloroethene	8.21	164	141059	7.279	ug/L	94
49) Dibromochloromethane	8.21	129	125934	7.021	ug/L #	11
59) 1,2,3-Trichloropropane	11.46	75	15230	1.128	ug/L	95

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

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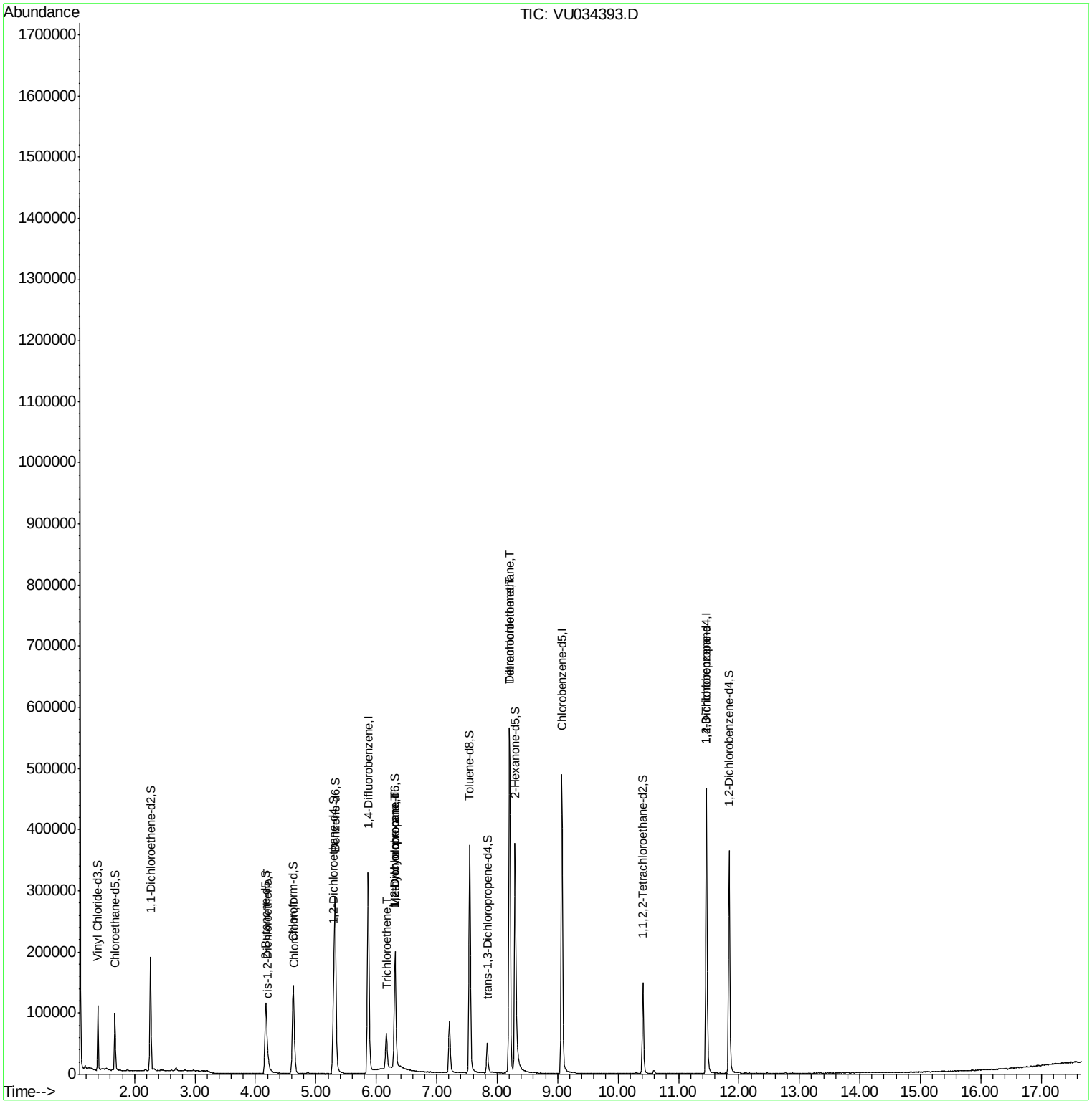
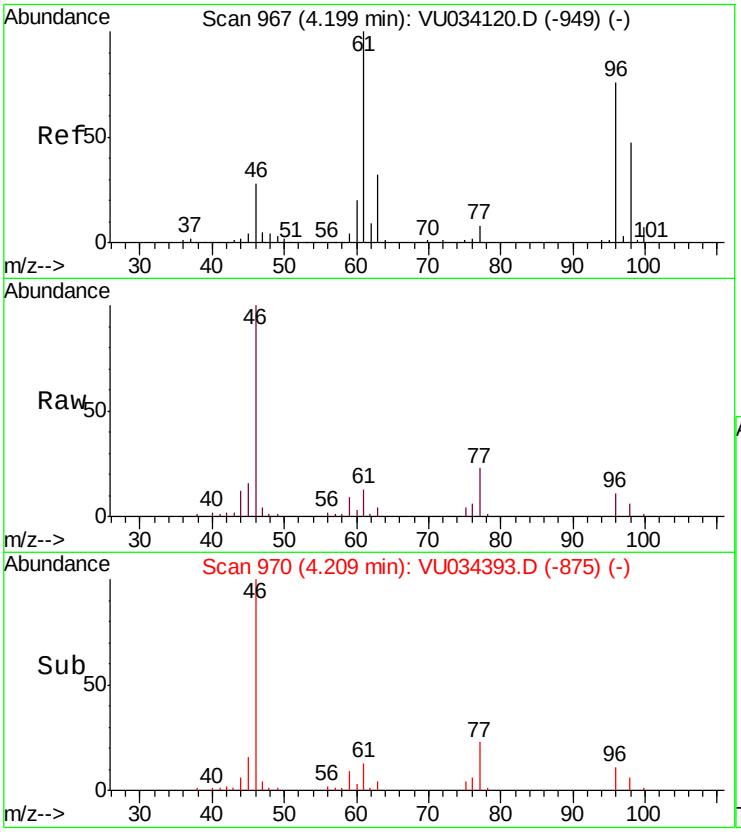
BFD88DL

Quant Time: Sep 08 02:36:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 14:18:00 2019
Response via : Initial Calibration



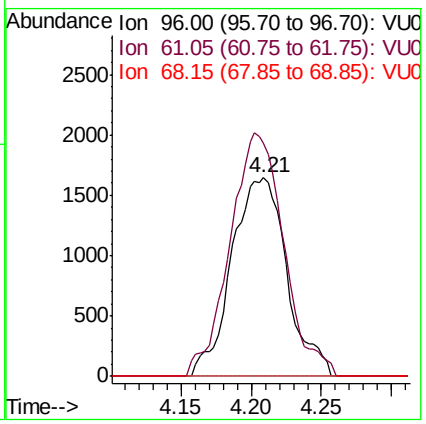


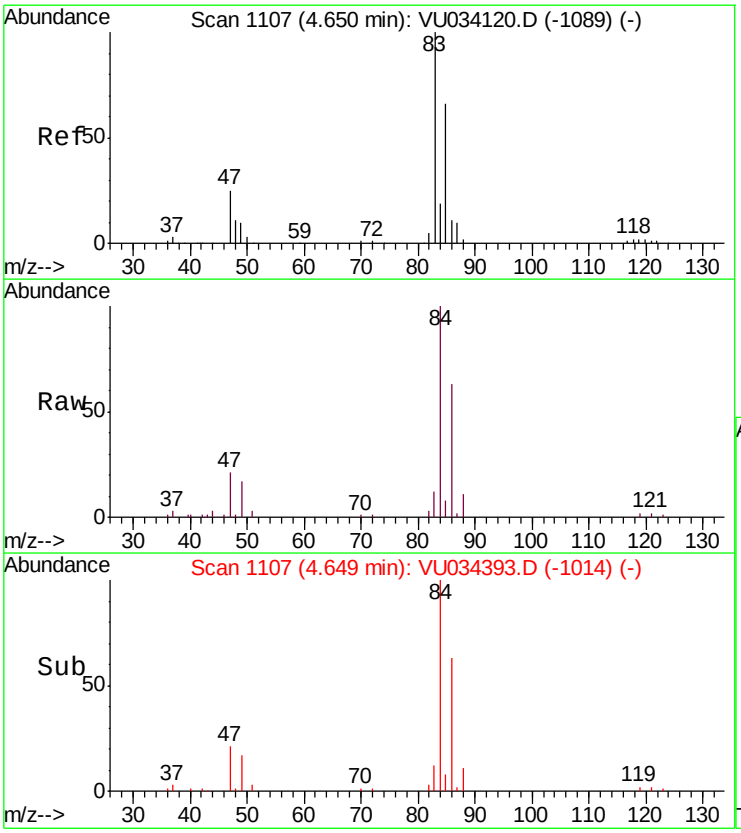
#22
cis-1,2-Dichloroethene
Concen: 0.200 ug/L
RT: 4.21 min Scan# 970
Delta R.T. 0.01 min
Lab File: VU034393.D
Acq: 07 Sep 2019 20:14

Instrument :
MSVOA_U
ClientSampleId :
BFD88DL

Tgt Ion: 96 Resp: 4504

Ion	Ratio	Lower	Upper
96	100		
61	117.5	93.6	173.8
68	0.0	0.0	0.0

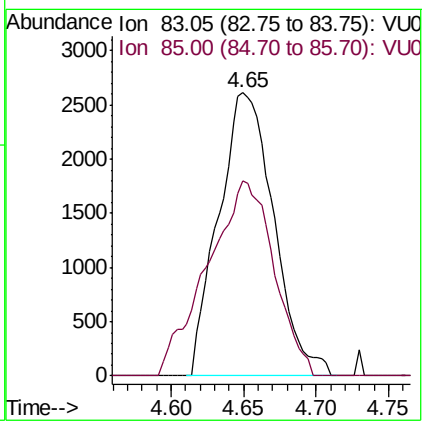


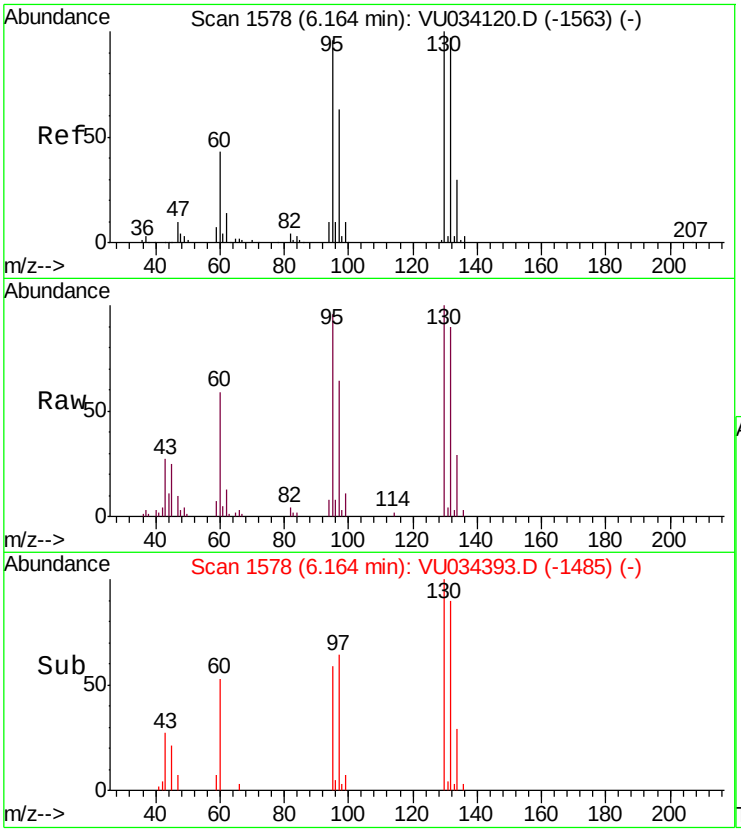


#25
Chloroform
Concen: 0.172 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU034393.D
Acq: 07 Sep 2019 20:14

Tgt Ion: 83 Resp: 6926

Ion	Ratio	Lower	Upper
83	100		
85	69.1	46.8	86.8



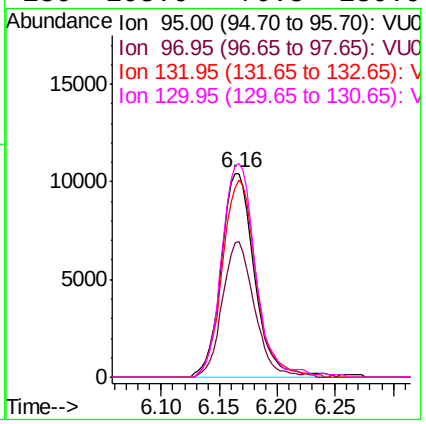


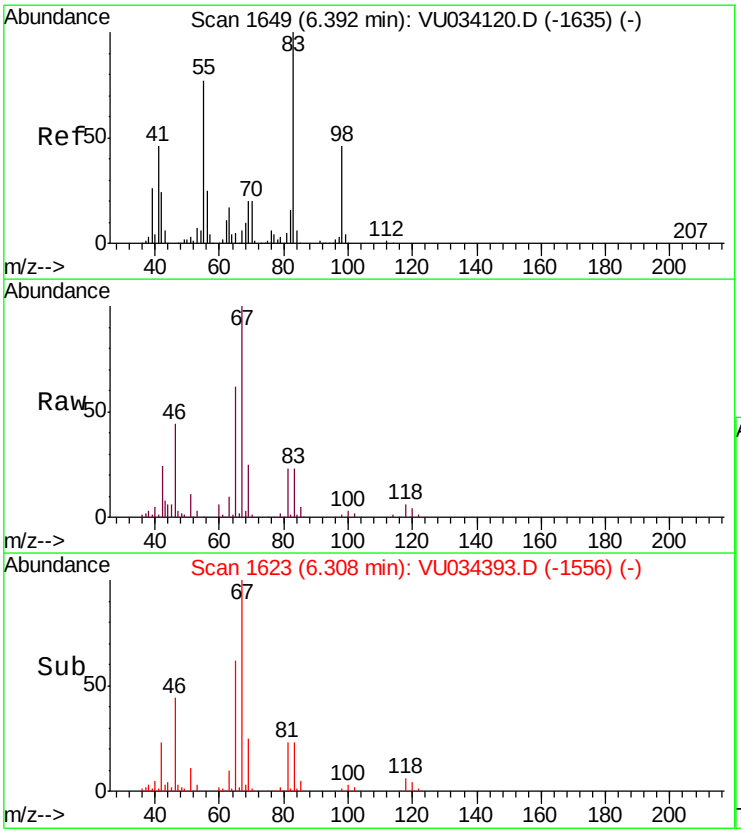
#34
Trichloroethene
Concen: 0.881 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU034393.D
Acq: 07 Sep 2019 20:14

Instrument :
MSVOA_U
ClientSampleId :
BFD88DL

Tgt Ion: 95 Resp: 20769

Ion	Ratio	Lower	Upper
95	100		
97	65.9	43.3	80.5
132	93.0	68.6	127.4
130	103.6	70.5	130.9

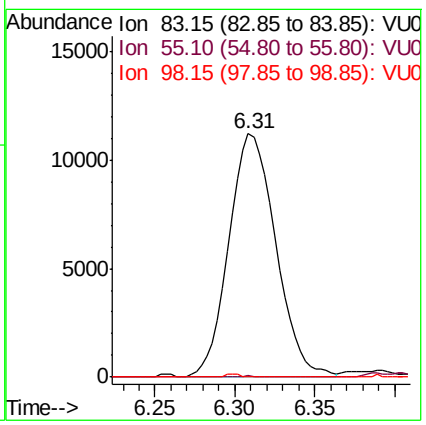


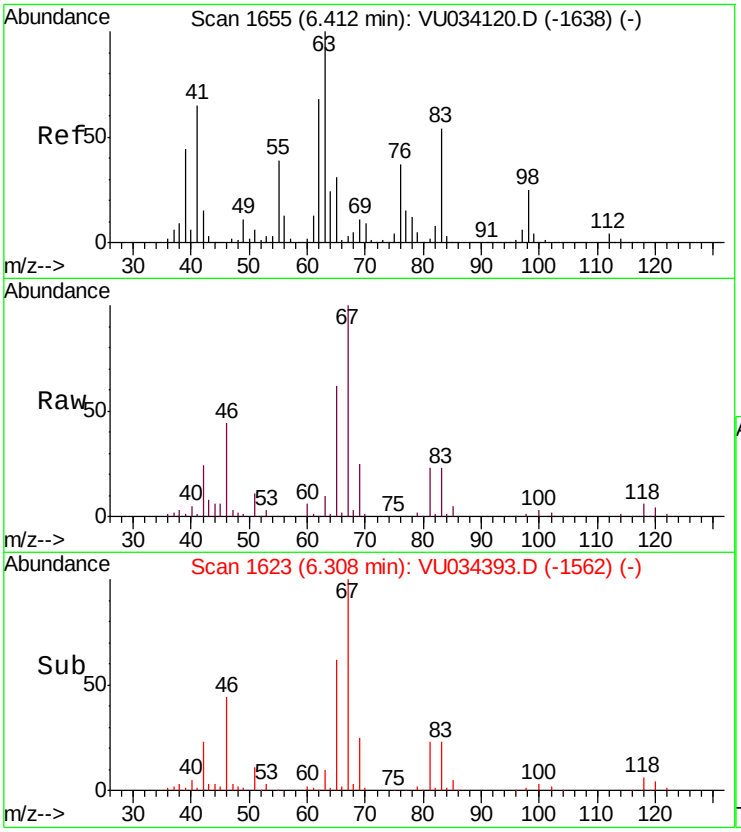


#35
Methylcyclohexane
Concen: 0.576 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034393.D
Acq: 07 Sep 2019 20:14

Tgt Ion: 83 Resp: 22520

Ion	Ratio	Lower	Upper
83	100		
55	0.1	62.6	94.0#
98	0.3	36.2	54.2#



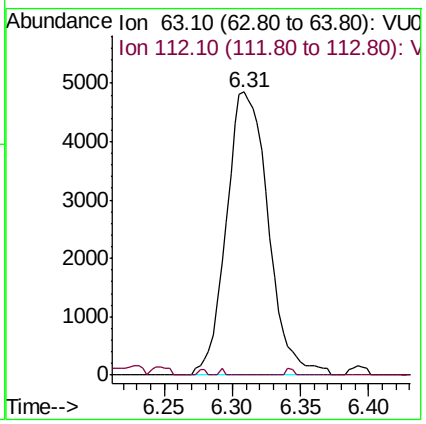


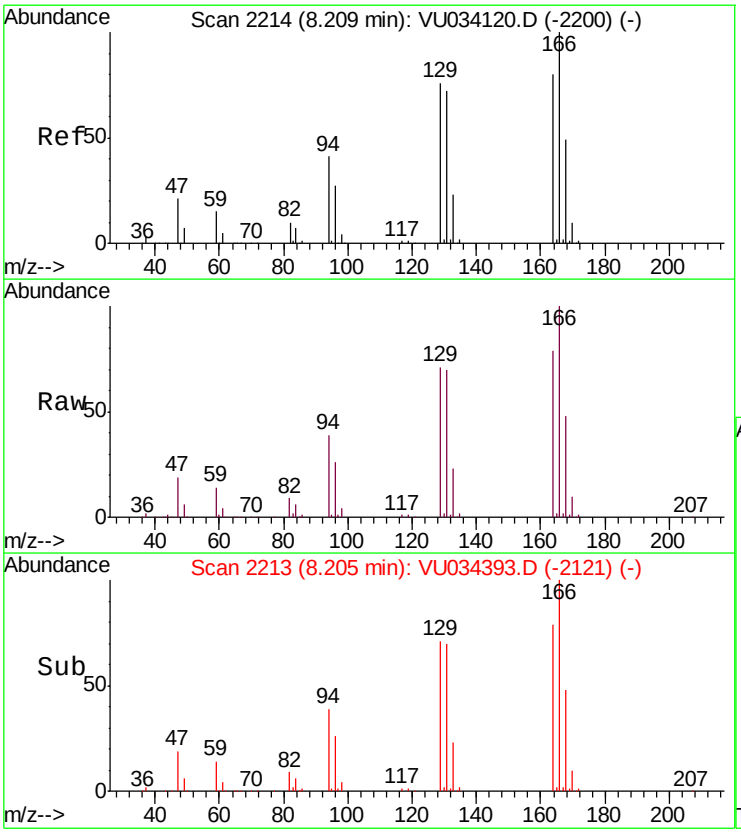
#37
1,2-Dichloropropane
Concen: 0.439 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU034393.D
Acq: 07 Sep 2019 20:14

Instrument : MSVOA_U
ClientSampleId : BFD88DL

Tgt Ion: 63 Resp: 10341

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.3	4.9#

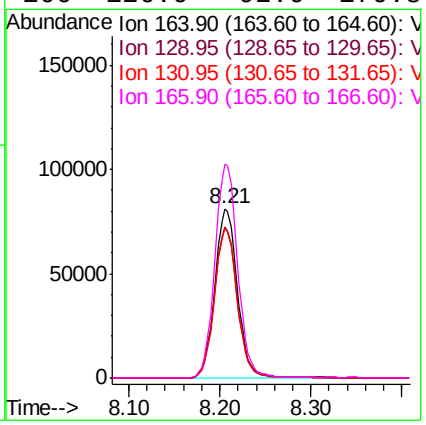


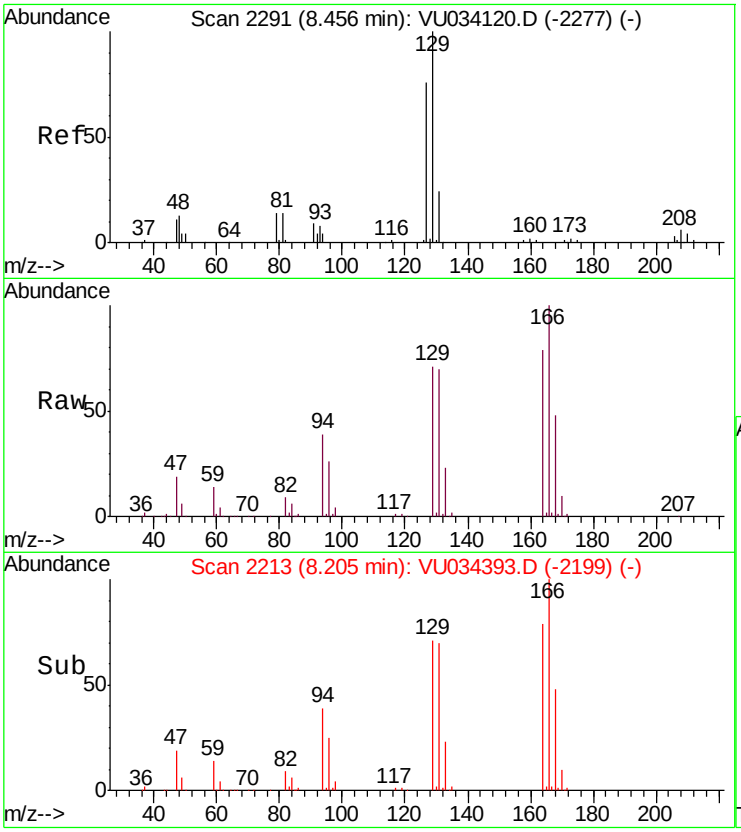


#47
Tetrachloroethene
Concen: 7.279 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034393.D
Acq: 07 Sep 2019 20:14

Tgt Ion:164 Resp: 141059

Ion	Ratio	Lower	Upper
164	100		
129	88.9	68.0	126.2
131	88.3	64.6	120.0
166	126.0	92.0	170.8



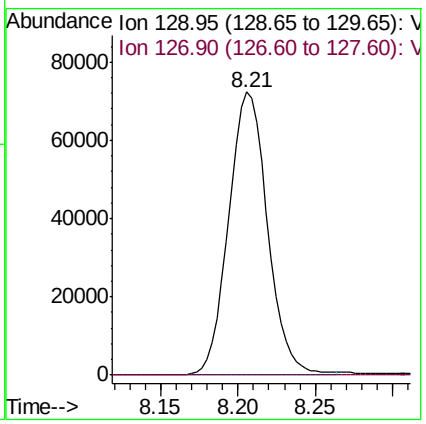


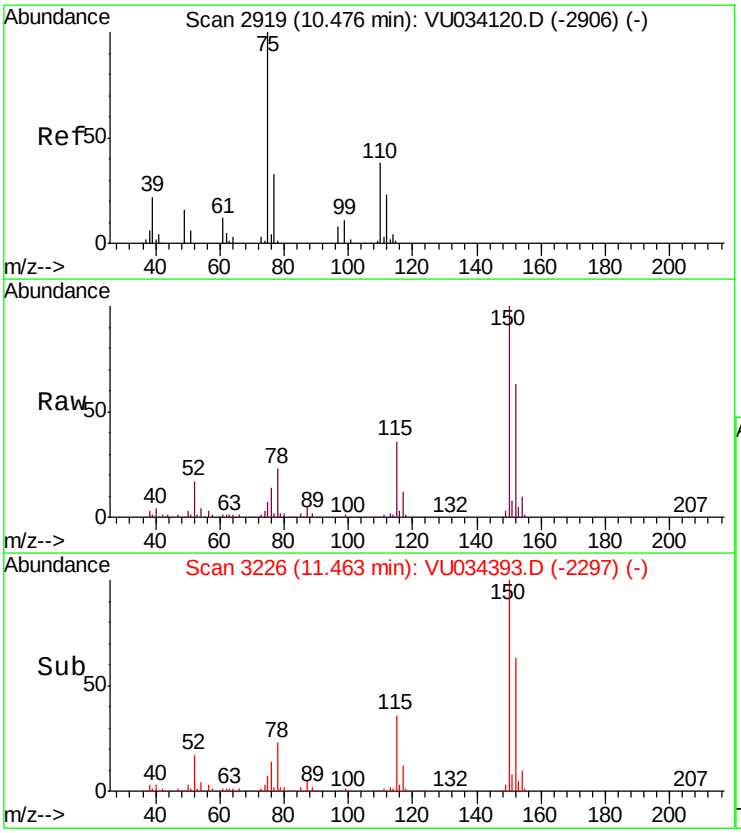
#49
Dibromochloromethane
Concen: 7.021 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU034393.D
Acq: 07 Sep 2019 20:14

Instrument :
MSVOA_U
ClientSampleId :
BFD88DL

Tgt Ion:129 Resp: 125934

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.2	100.6#





#59
1,2,3-Trichloropropane
Concen: 1.128 ug/L
RT: 11.46 min Scan# 3226
Delta R.T. 0.99 min
Lab File: VU034393.D
Acq: 07 Sep 2019 20:14

Tgt Ion: 75 Resp: 15230

Ion	Ratio	Lower	Upper
75	100		
77	35.5	26.0	39.0