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

Quantitation Report (Not Reviewed)

Data File : VU034388.D
Acq On : 07 Sep 2019 18:14
Operator : JC/SP
Sample : K4724-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDB4

Quant Time: Sep 08 02:35:32 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	5.86	114	283136	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	280242	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	137293	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	75950	3.98	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.60%			
7) Chloroethane-d5	1.68	69	71194	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.20%			
11) 1,1-Dichloroethene-d2	2.26	63	115910	3.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.80%			
20) 2-Butanone-d5	4.17	46	211692	48.06	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.12%			
24) Chloroform-d	4.63	84	163114	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
26) 1,2-Dichloroethane-d4	5.29	65	77310	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.00%			
32) Benzene-d6	5.32	84	350372	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
36) 1,2-Dichloropropane-d6	6.31	67	111880	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.60%			
41) Toluene-d8	7.55	98	305938	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
43) trans-1,3-Dichloropropene-	7.83	79	35322	4.37	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.40%			
46) 2-Hexanone-d5	8.30	63	159460	45.60	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.20%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	85483	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.40%			
64) 1,2-Dichlorobenzene-d4	11.84	152	126875	5.38	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.60%			
Target Compounds						Qvalue
13) Acetone	2.31	43	5187	1.759	ug/L	97
34) Trichloroethene	6.16	95	4768	0.218	ug/L	86
35) Methylcyclohexane	6.31	83	24895	0.688	ug/L #	18
37) 1,2-Dichloropropane	6.31	63	11134	0.510	ug/L #	89
47) Tetrachloroethene	8.21	164	44621	2.485	ug/L	97
49) Dibromochloromethane	8.21	129	40423	2.433	ug/L #	11
59) 1,2,3-Trichloropropane	11.46	75	14315	1.145	ug/L	93

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

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Quant Title : TRACE VOA SOM01.0
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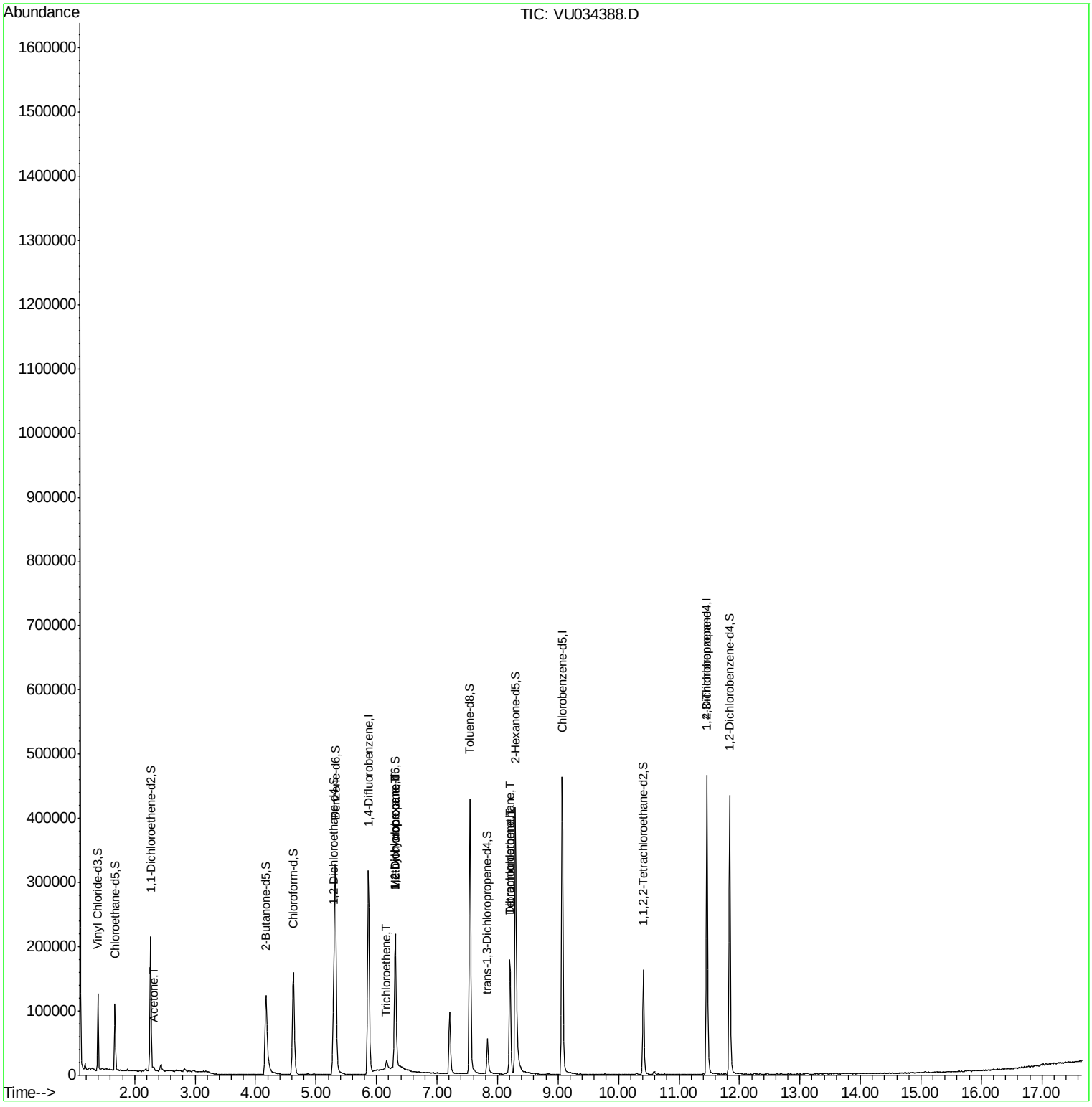
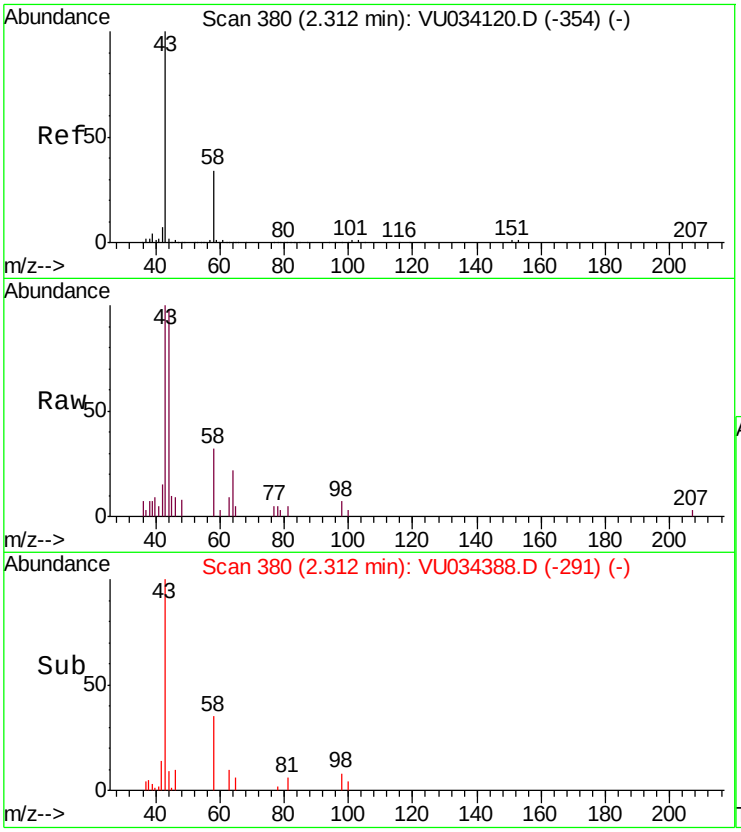


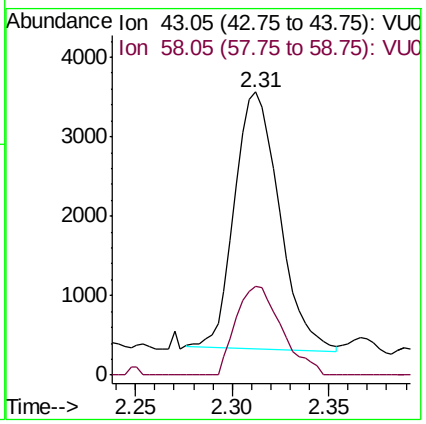


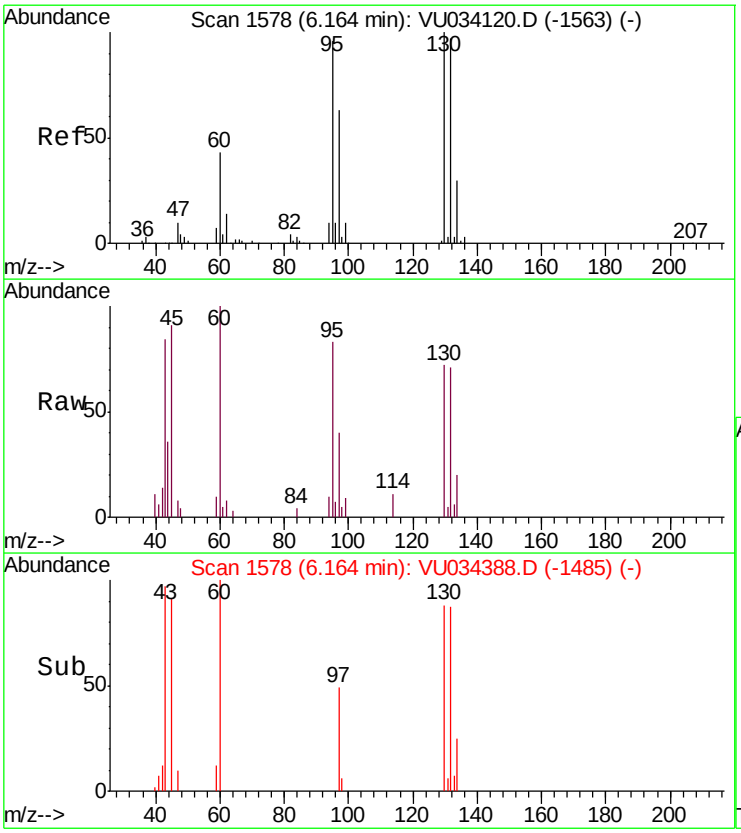
#13
Acetone
Concen: 1.759 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.01 min
Lab File: VU034388.D
Acq: 07 Sep 2019 18:14

Instrument :
MSVOA_U
ClientSampleId :
BFDB4

Tgt Ion: 43 Resp: 5187

Ion	Ratio	Lower	Upper
43	100		
58	35.5	0.0	67.6

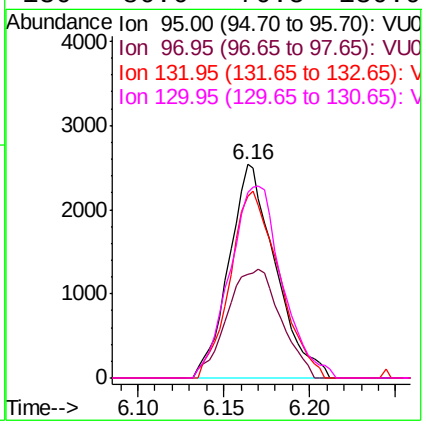


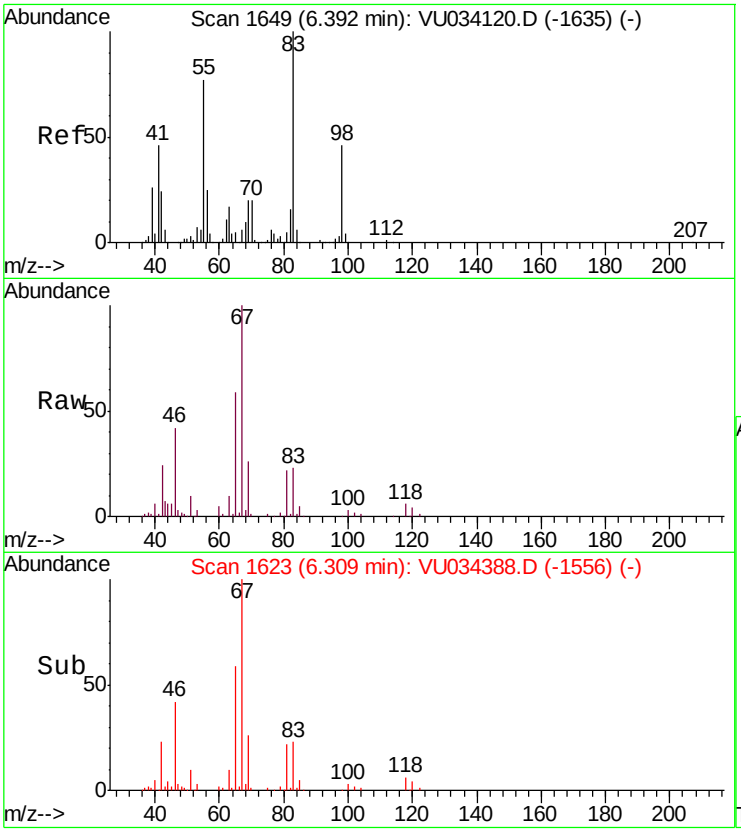


#34
Trichloroethene
Concen: 0.218 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU034388.D
Acq: 07 Sep 2019 18:14

Tgt Ion: 95 Resp: 4768

Ion	Ratio	Lower	Upper
95	100		
97	48.4	43.3	80.5
132	85.4	68.6	127.4
130	86.6	70.5	130.9



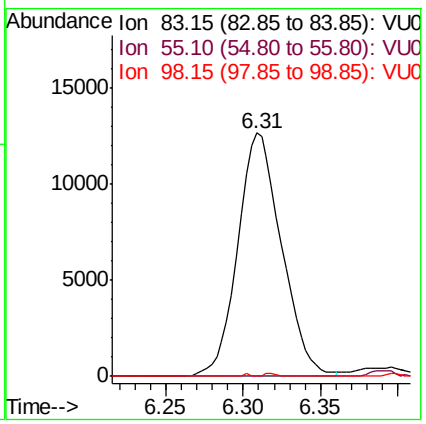


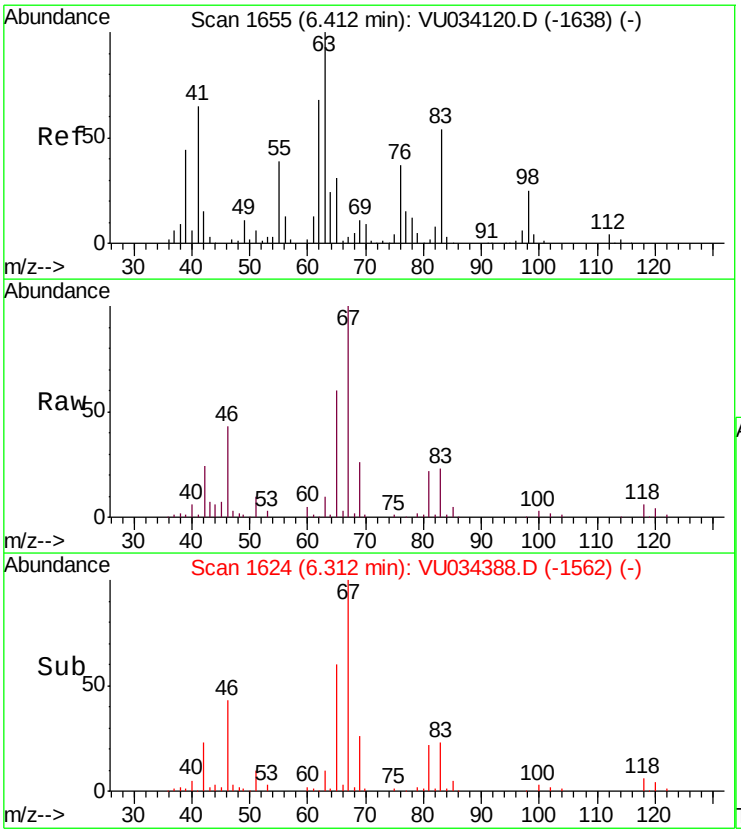
#35
Methylcyclohexane
Concen: 0.688 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034388.D
Acq: 07 Sep 2019 18:14

Instrument :
MSVOA_U
ClientSampleId :
BFDB4

Tgt Ion: 83 Resp: 24895

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	0.3	36.2	54.2#

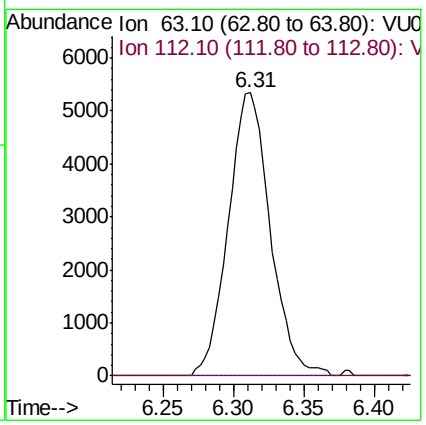


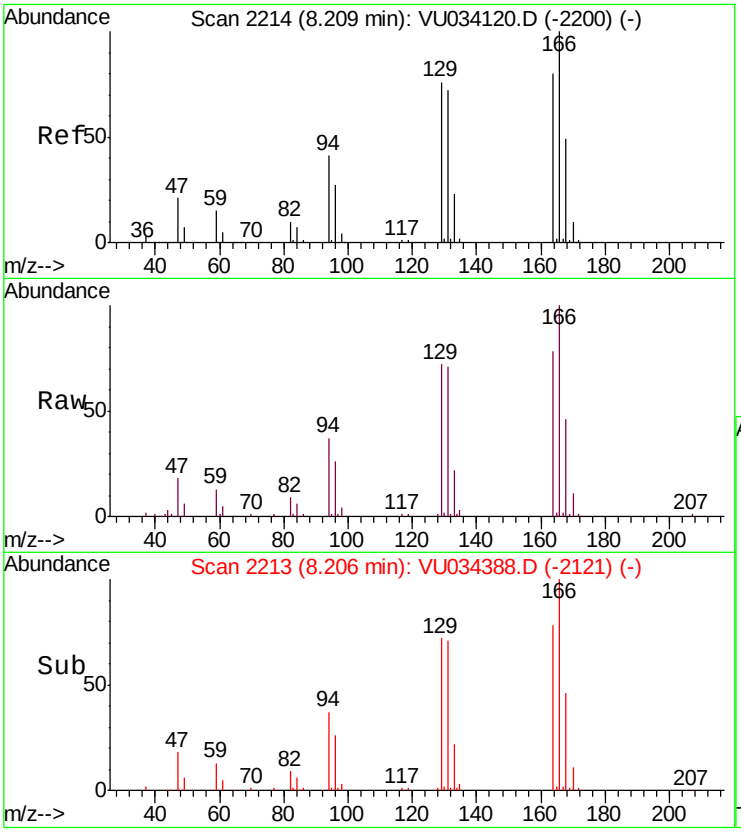


#37
1,2-Dichloropropane
Concen: 0.510 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU034388.D
Acq: 07 Sep 2019 18:14

Tgt Ion: 63 Resp: 11134

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.3	4.9#



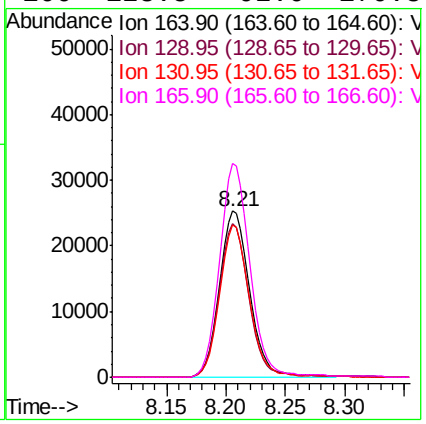


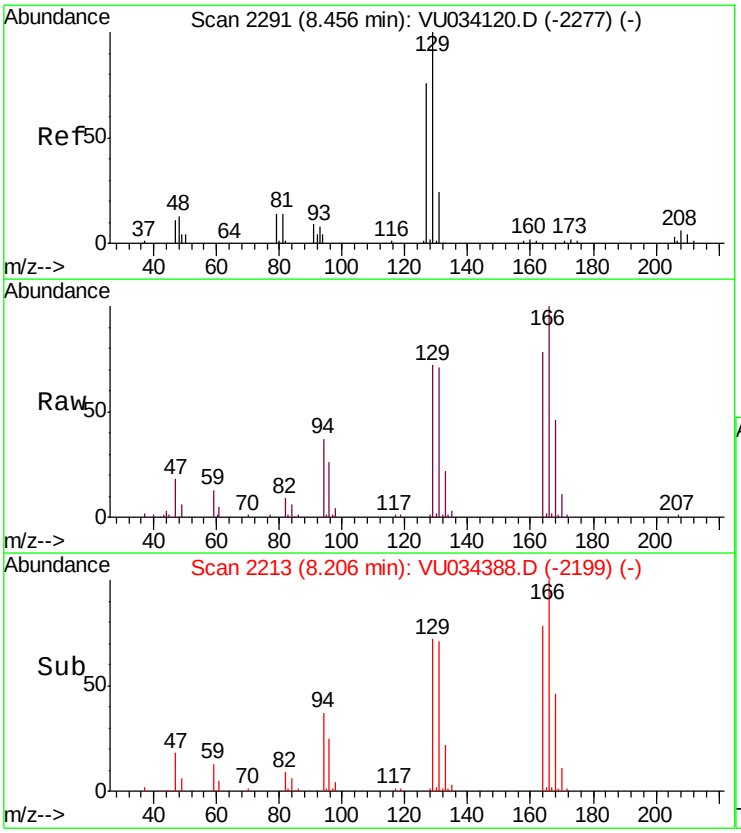
#47
Tetrachloroethene
Concen: 2.485 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034388.D
Acq: 07 Sep 2019 18:14

Instrument : MSVOA_U
ClientSampleId : BFDB4

Tgt Ion:164 Resp: 44621

Ion	Ratio	Lower	Upper
164	100		
129	92.7	68.0	126.2
131	91.5	64.6	120.0
166	128.5	92.0	170.8

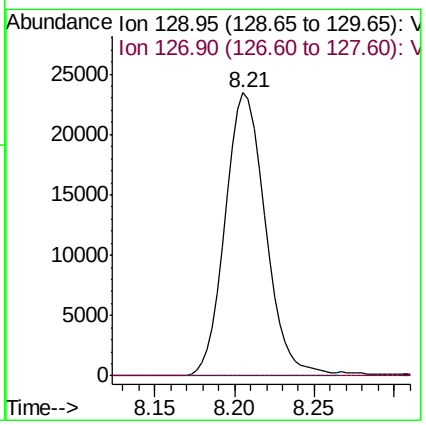


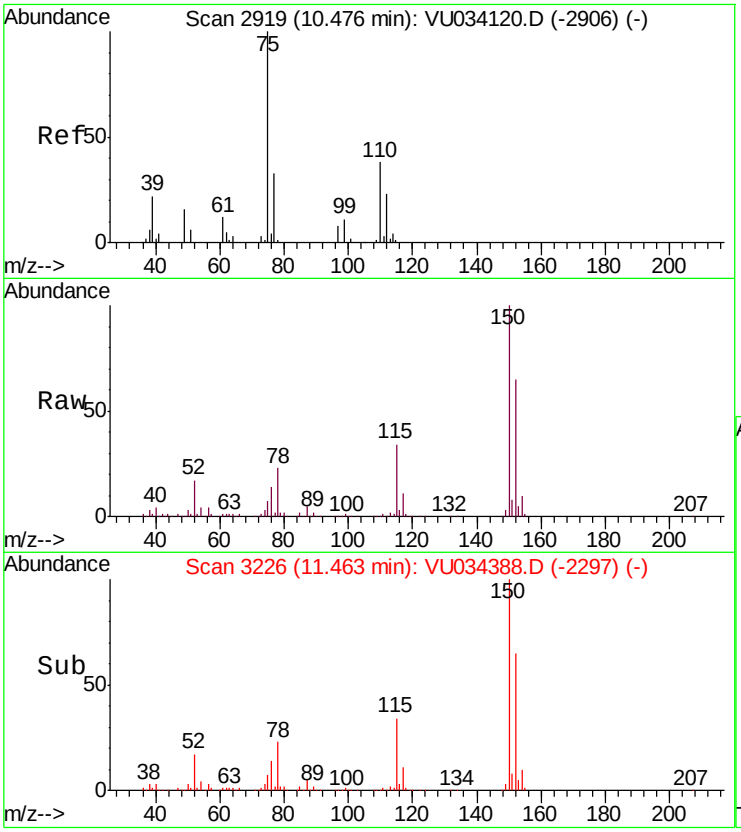


#49
Dibromochloromethane
Concen: 2.433 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU034388.D
Acq: 07 Sep 2019 18:14

Tgt Ion:129 Resp: 40423

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.2	100.6#





#59
1,2,3-Trichloropropane
Concen: 1.145 ug/L
RT: 11.46 min Scan# 3226
Delta R.T. 0.99 min
Lab File: VU034388.D
Acq: 07 Sep 2019 18:14

Instrument :
MSVOA_U
ClientSampleId :
BFDB4

Tgt Ion: 75 Resp: 14315

Ion	Ratio	Lower	Upper
75	100		
77	36.7	26.0	39.0