Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011020\

Quantitation Report (Not Reviewed)

Data File : VU036428.D
Acq On : 10 Jan 2020 14:21
Operator : JC/MD
Sample : L1042-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFRB2

Quant Time: Jan 10 22:59:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 10 22:57:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	433845	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	421758	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	161174	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	185188	54.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 109.56%			
7) Chloroethane-d5	1.93	69	153893	53.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.94%			
11) 1,1-Dichloroethene-d2	2.59	63	259684	45.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.18%			
21) 2-Butanone-d5	4.68	46	271981	108.04	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.04%			
24) Chloroform-d	5.11	84	321657	54.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.04%			
26) 1,2-Dichloroethane-d4	5.75	65	224285	57.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.66%			
32) Benzene-d6	5.77	84	646277	55.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.08%			
36) 1,2-Dichloropropane-d6	6.73	67	211054	53.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.20%			
41) Toluene-d8	7.93	98	602519	53.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.92%			
43) trans-1,3-Dichloropropene-	8.21	79	107996	50.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.08%			
47) 2-Hexanone-d5	8.67	63	212910	104.83	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.83%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	304072	50.91	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.82%			
64) 1,2-Dichlorobenzene-d4	12.22	152	178401	52.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.54%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.61	96	13050	5.198	ug/L #	1
13) Acetone	2.66	43	14640	5.607	ug/L	99
19) 1,1-Dichloroethane	3.92	63	39737	7.314	ug/L	95
22) 2-Butanone	4.76	43	5908	1.915	ug/L	80
25) Chloroform	5.14	83	6436	1.112	ug/L	96
30) 1,1,1-Trichloroethane	5.36	97	14675	2.839	ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	8367	1.490	ug/L #	78
44) trans-1,3-Dichloropropene	8.21	75	5972	1.141	ug/L	92
46) Tetrachloroethene	8.58	164	3961	1.724	ug/L	91
53) m,p-Xylene	9.72	106	5422	0.941	ug/L	73
59) 1,2,3-Trichloropropane	11.83	75	24160	5.133	ug/L	93

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

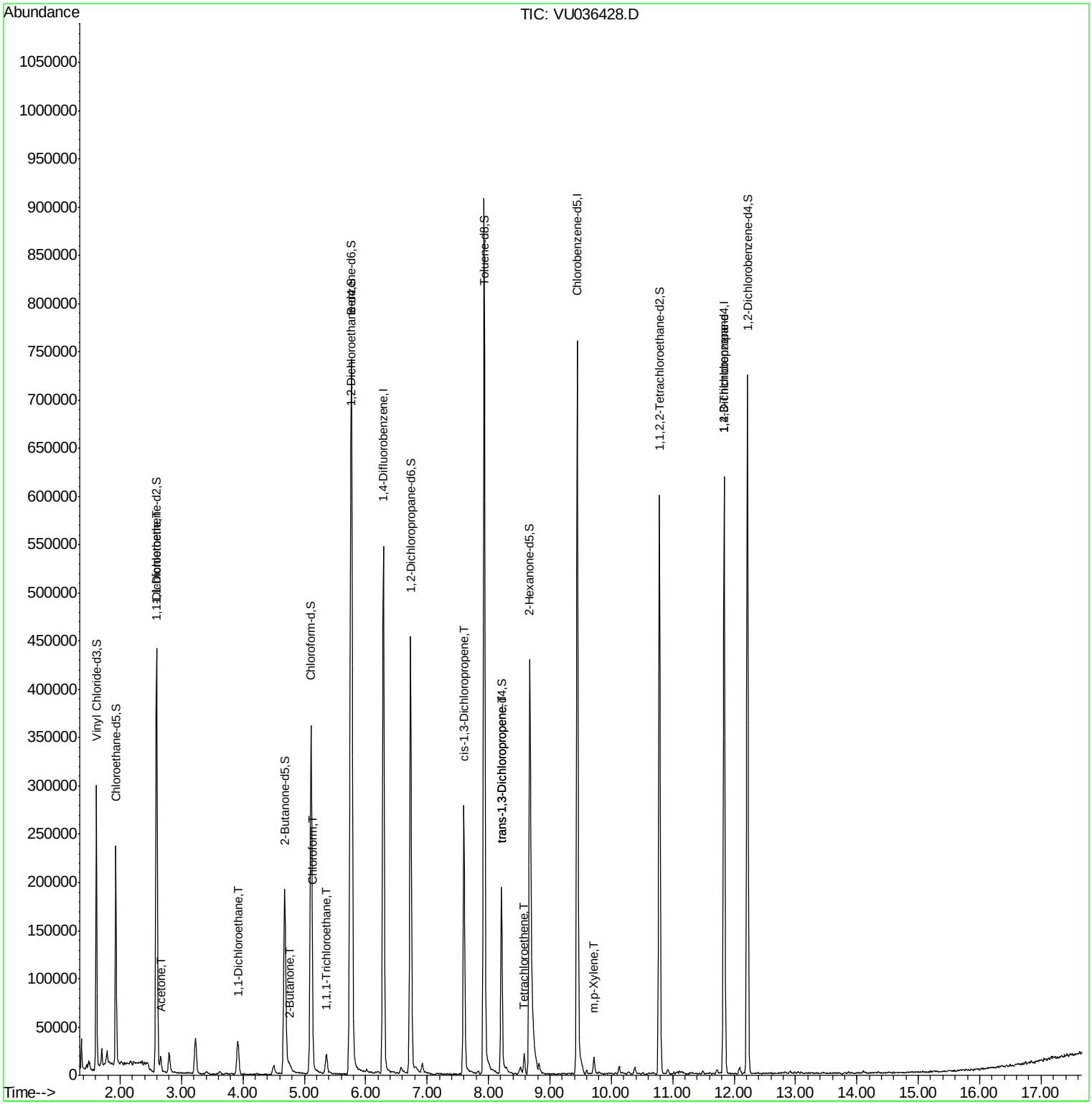
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011020\

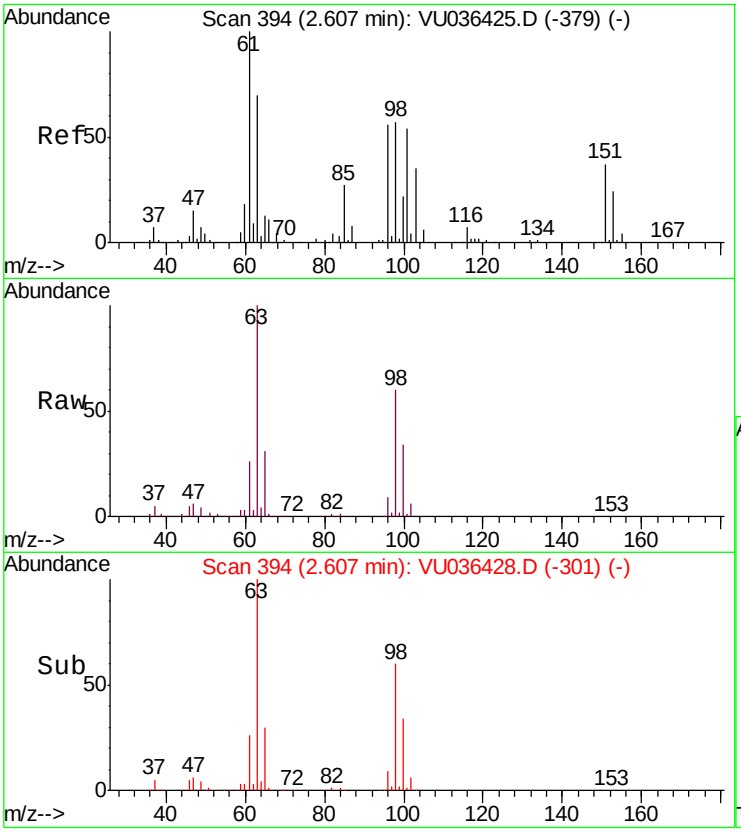
Quantitation Report (Not Reviewed)

Data File : VU036428.D
Acq On : 10 Jan 2020 14:21
Operator : JC/MD
Sample : L1042-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFRB2

Quant Time: Jan 10 22:59:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 10 22:57:35 2020
Response via : Initial Calibration



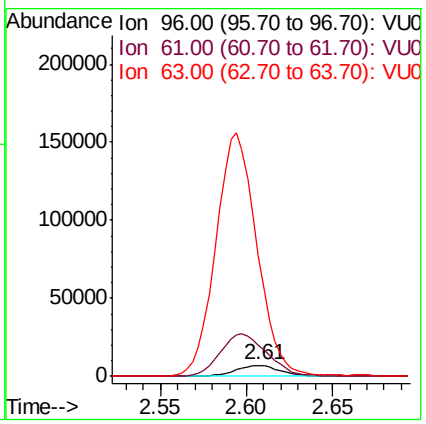


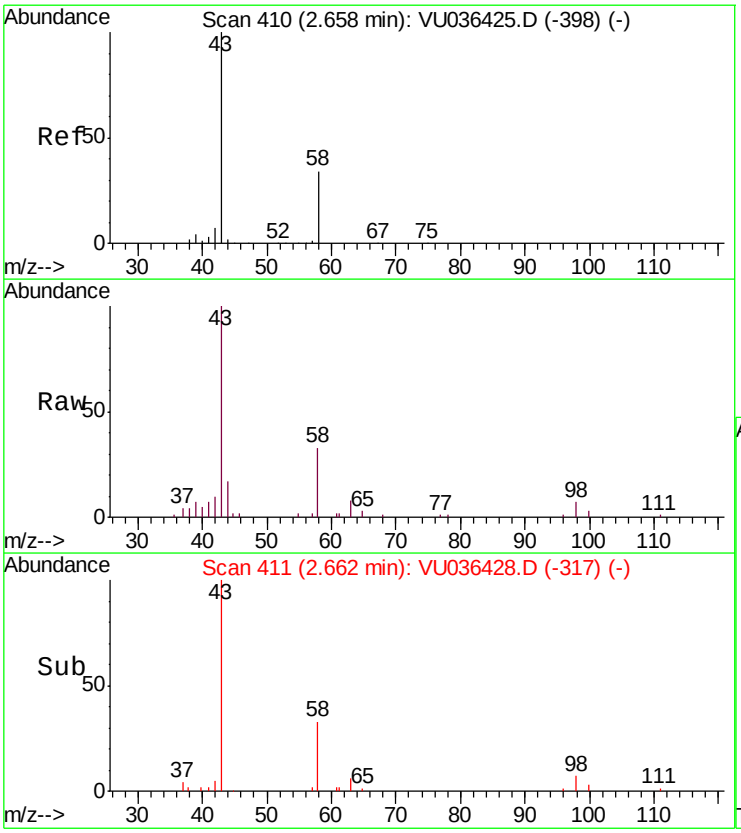
#12
1,1-Dichloroethene
Concen: 5.198 ug/L
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU036428.D
Acq: 10 Jan 2020 14:21

Instrument : MSVOA_U
ClientSampleId : BFRB2

Tgt Ion: 96 Resp: 13050

Ion	Ratio	Lower	Upper
96	100		
61	280.7	120.9	224.5#
63	1075.1	81.8	152.0#

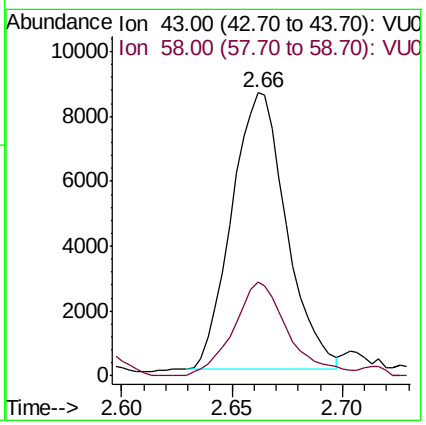


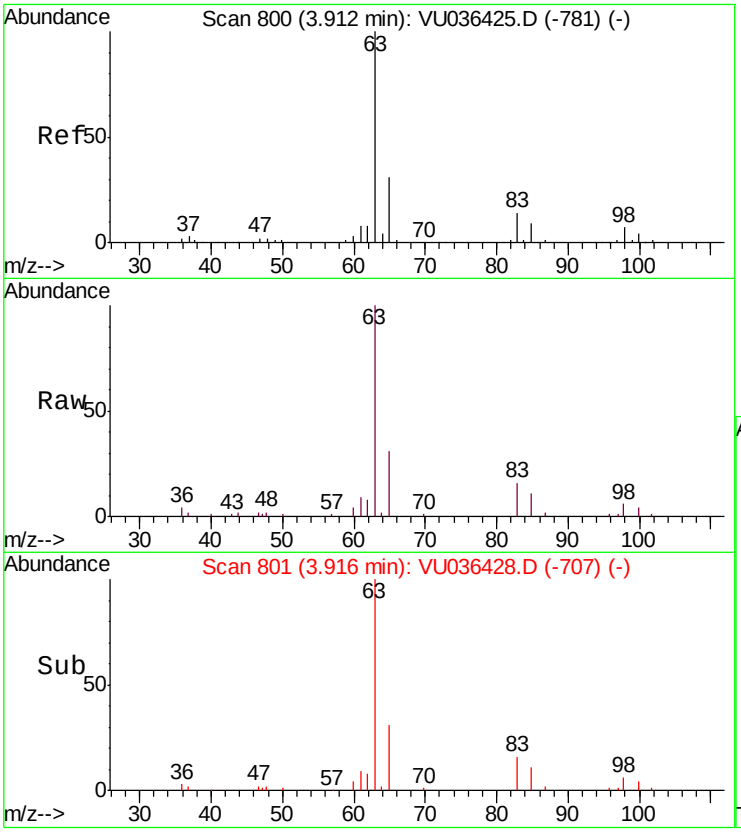


#13
Acetone
Concen: 5.607 ug/L
RT: 2.66 min Scan# 411
Delta R.T. 0.00 min
Lab File: VU036428.D
Acq: 10 Jan 2020 14:21

Tgt Ion: 43 Resp: 14640

Ion	Ratio	Lower	Upper
43	100		
58	33.9	0.0	66.2



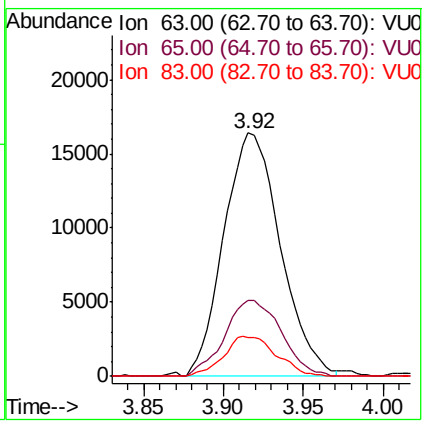


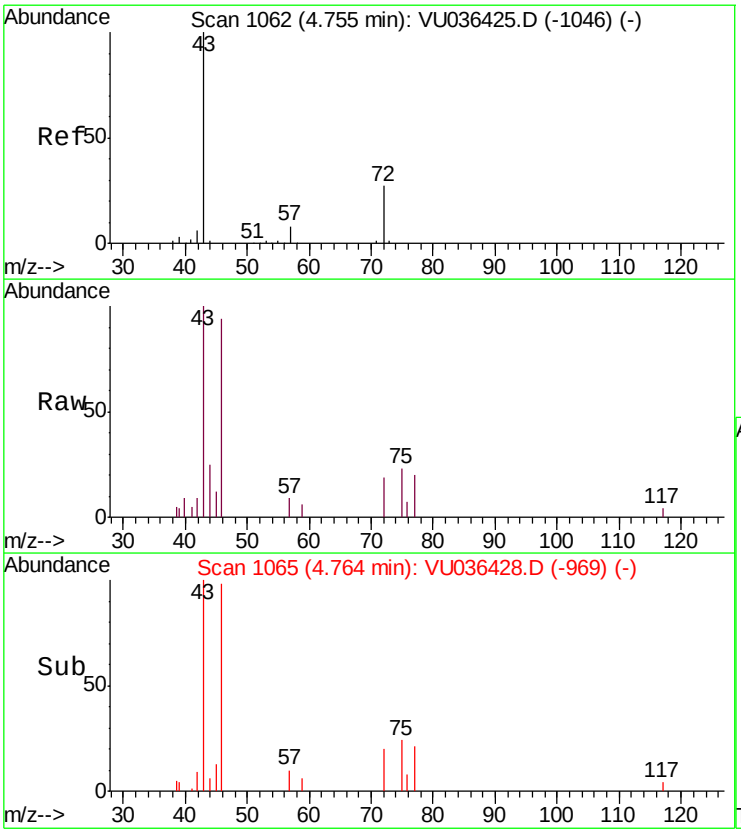
#19
1,1-Dichloroethane
Concen: 7.314 ug/L
RT: 3.92 min Scan# 801
Delta R.T. 0.00 min
Lab File: VU036428.D
Acq: 10 Jan 2020 14:21

Instrument : MSVOA_U
ClientSampleId : BFRB2

Tgt Ion: 63 Resp: 39737

Ion	Ratio	Lower	Upper
63	100		
65	31.4	20.0	37.2
83	16.0	9.6	17.8

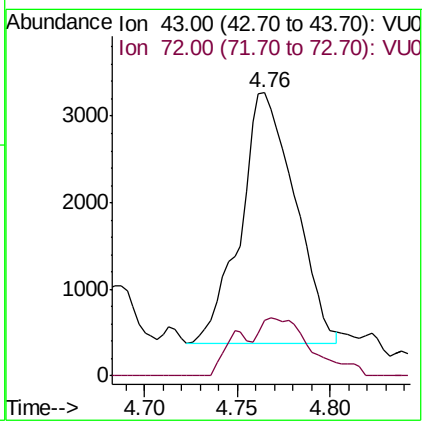


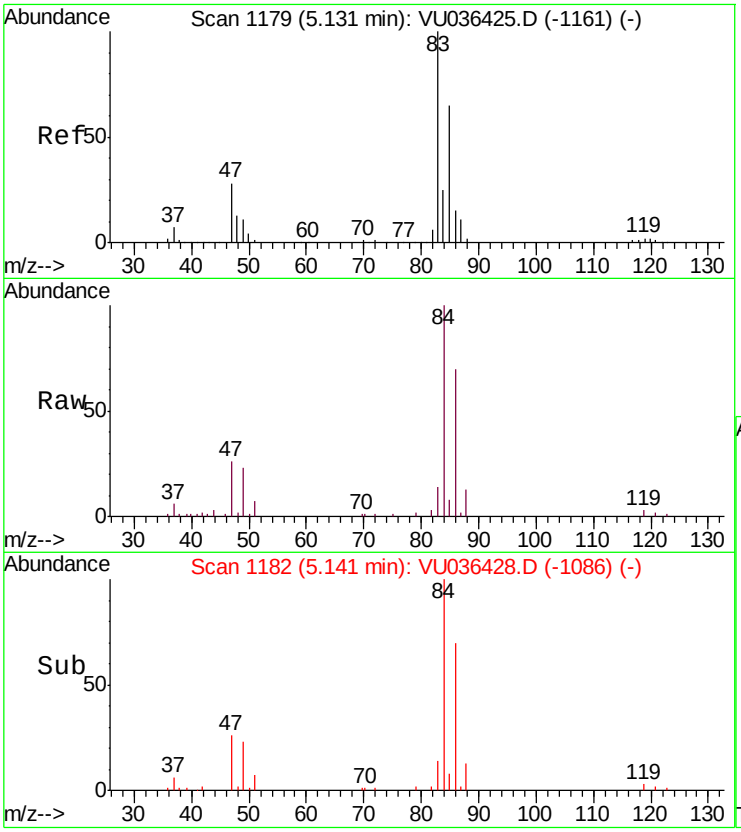


#22
2-Butanone
Concen: 1.915 ug/L
RT: 4.76 min Scan# 1065
Delta R.T. 0.01 min
Lab File: VU036428.D
Acq: 10 Jan 2020 14:21

Tgt Ion: 43 Resp: 5908

Ion	Ratio	Lower	Upper
43	100		
72	16.3	13.4	40.1



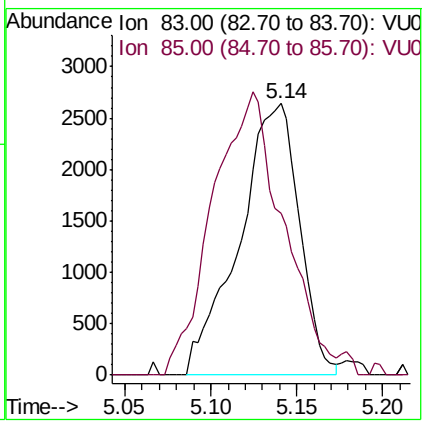


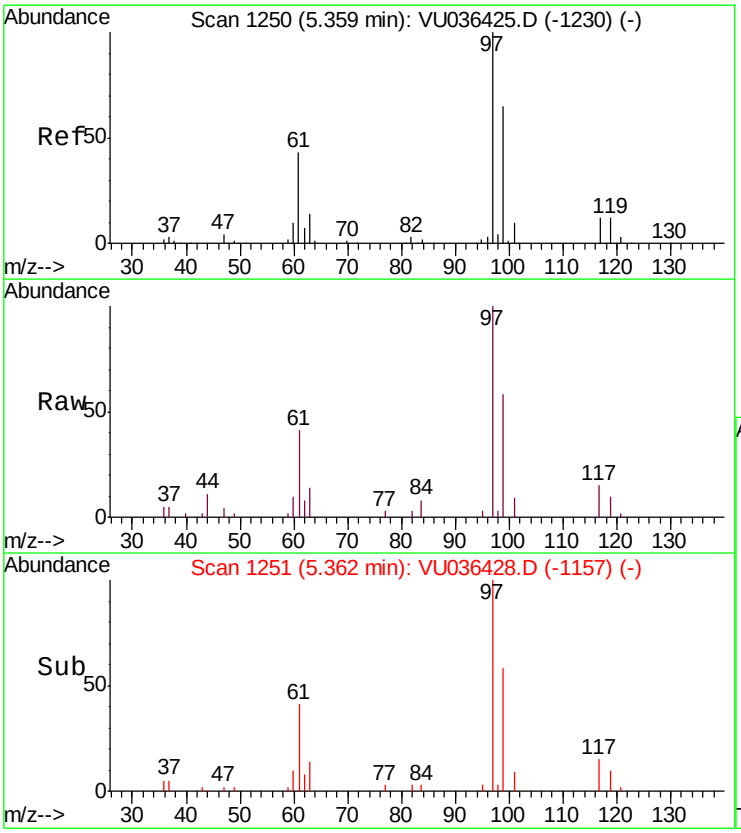
#25
Chloroform
Concen: 1.112 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VU036428.D
Acq: 10 Jan 2020 14:21

Instrument :
MSVOA_U
ClientSampleId :
BFRB2

Tgt Ion: 83 Resp: 6436

Ion	Ratio	Lower	Upper
83	100		
85	59.5	43.9	81.5

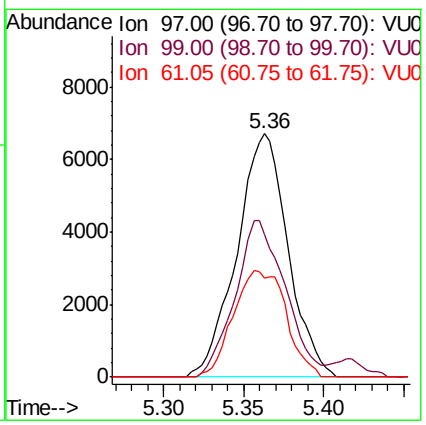


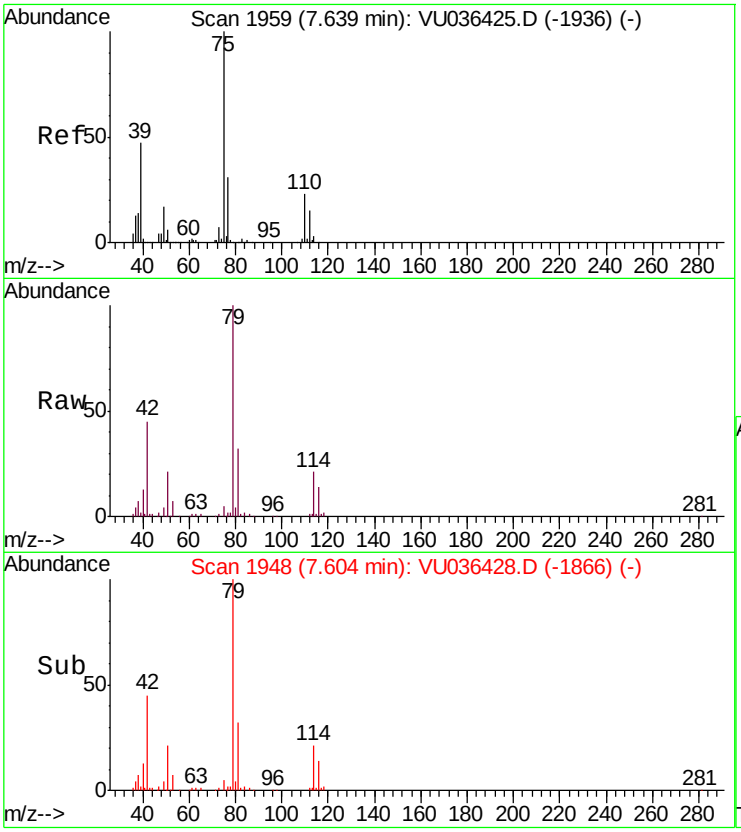


#30
1,1,1-Trichloroethane
Concen: 2.839 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU036428.D
Acq: 10 Jan 2020 14:21

Tgt Ion: 97 Resp: 14675

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.0	76.4
61	27.2	34.7	52.1#



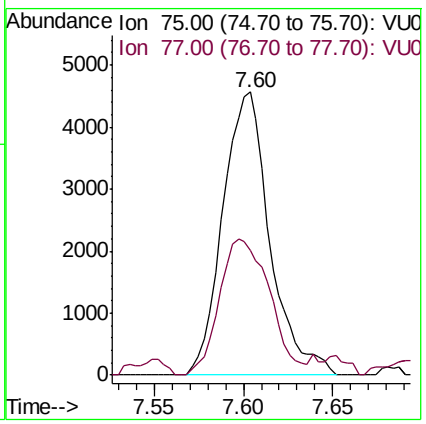


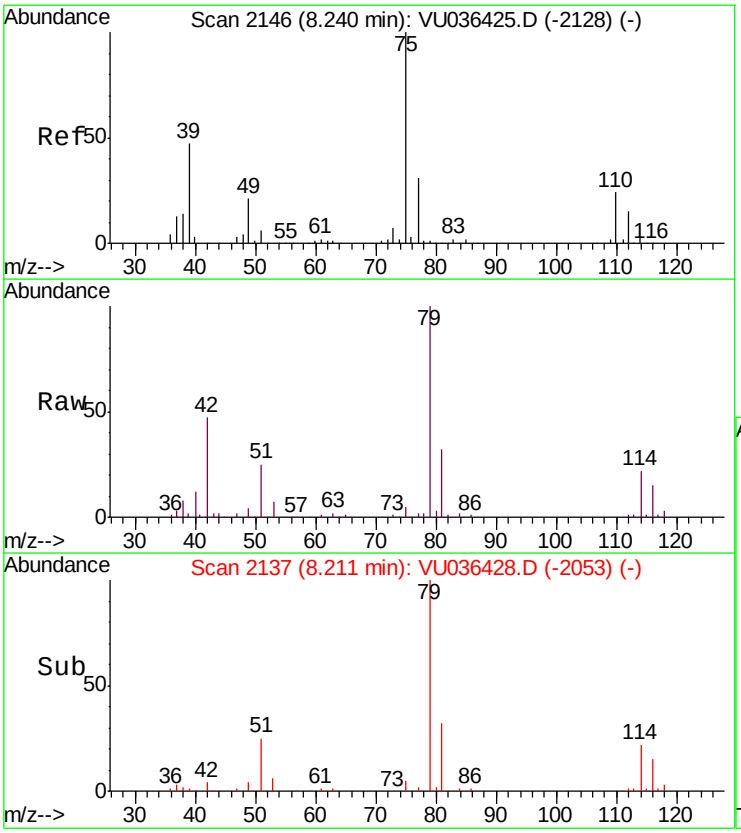
#39
cis-1,3-Dichloropropene
Concen: 1.490 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU036428.D
Acq: 10 Jan 2020 14:21

Instrument :
MSVOA_U
ClientSampleId :
BFRB2

Tgt Ion: 75 Resp: 8367

Ion	Ratio	Lower	Upper
75	100		
77	44.1	22.2	41.2#

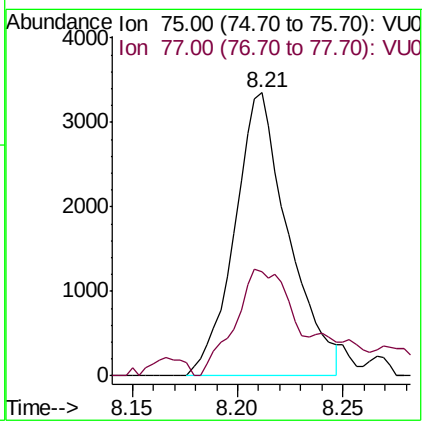


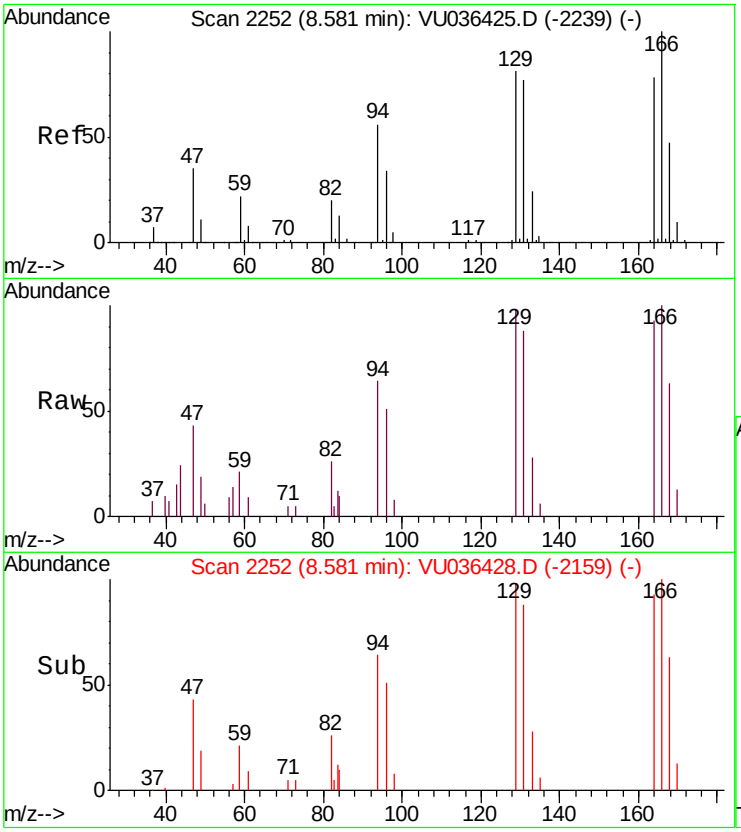


#44
trans-1,3-Dichloropropene
Concen: 1.141 ug/L
RT: 8.21 min Scan# 2137
Delta R.T. -0.03 min
Lab File: VU036428.D
Acq: 10 Jan 2020 14:21

Tgt Ion: 75 Resp: 5972

Ion	Ratio	Lower	Upper
75	100		
77	36.6	22.5	41.9



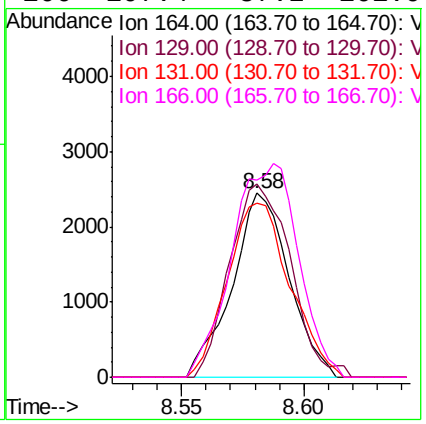


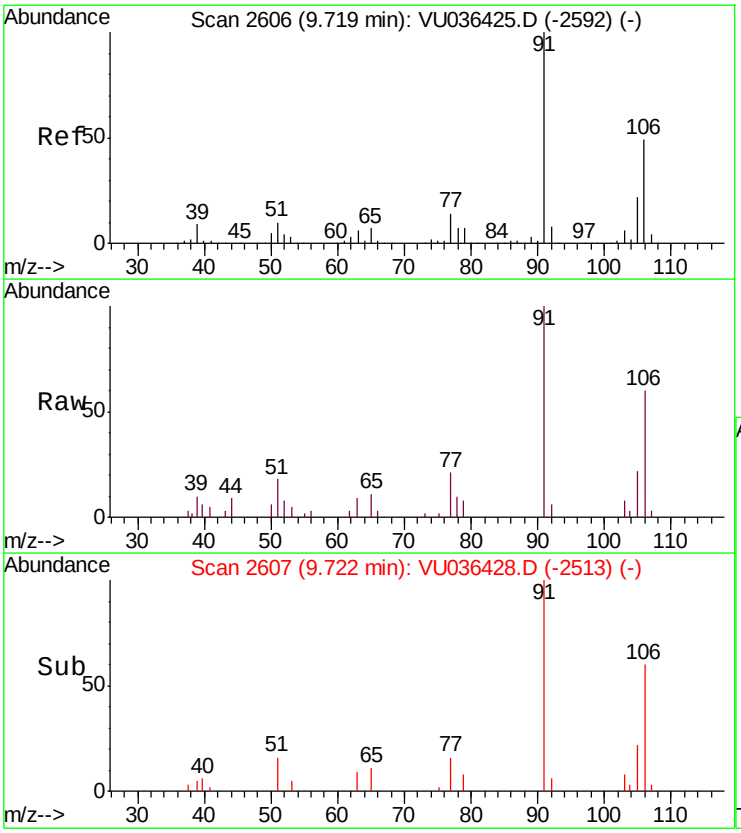
#46
Tetrachloroethene
Concen: 1.724 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VU036428.D
Acq: 10 Jan 2020 14:21

Instrument :
MSVOA_U
ClientSampleId :
BFRB2

Tgt Ion:164 Resp: 3961

Ion	Ratio	Lower	Upper
164	100		
129	105.3	70.0	130.0
131	94.8	70.1	130.1
166	107.4	87.2	161.9

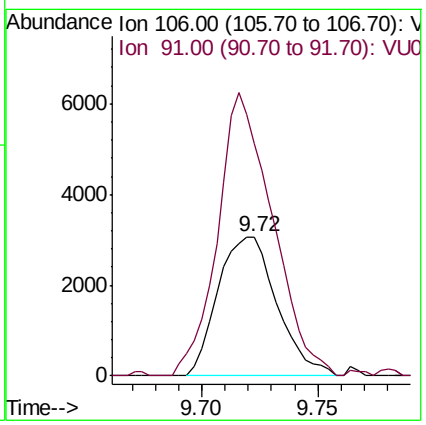


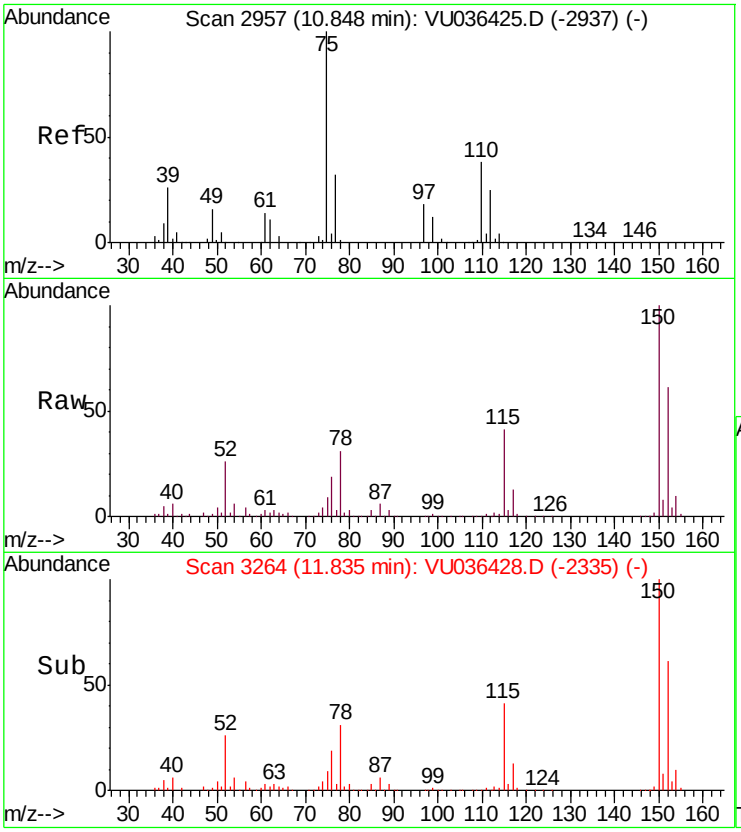


#53
m,p-Xylene
Concen: 0.941 ug/L
RT: 9.72 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VU036428.D
Acq: 10 Jan 2020 14:21

Tgt Ion:106 Resp: 5422

Ion	Ratio	Lower	Upper
106	100		
91	167.0	146.8	272.6





#59
1,2,3-Trichloropropane
Concen: 5.133 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.99 min
Lab File: VU036428.D
Acq: 10 Jan 2020 14:21

Instrument :
MSVOA_U
ClientSampleId :
BFRB2

Tgt Ion: 75 Resp: 24160

Ion	Ratio	Lower	Upper
75	100		
77	37.1	26.3	39.5