Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021720\

Quantitation Report (Not Reviewed)

Data File : VU036803.D
Acq On : 17 Feb 2020 11:49
Operator : JC/MD
Sample : VU0217WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK16

Quant Time: Feb 18 00:48:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 18 00:46:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	124270	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	114987	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	47141	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	42139	3.94	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.80%			
7) Chloroethane-d5	1.93	69	40588	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.40%			
11) 1,1-Dichloroethene-d2	2.59	63	57155	3.20	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.00%			
20) 2-Butanone-d5	4.68	46	117636	52.49	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.98%			
24) Chloroform-d	5.11	84	76071	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%			
26) 1,2-Dichloroethane-d4	5.74	65	45013	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
32) Benzene-d6	5.77	84	163831	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
36) 1,2-Dichloropropane-d6	6.73	67	53731	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.00%			
41) Toluene-d8	7.92	98	143176	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.00%			
43) trans-1,3-Dichloropropene-	8.21	79	19430	4.50	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.00%			
46) 2-Hexanone-d5	8.66	63	99848	50.70	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.40%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	41617	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.20%			
64) 1,2-Dichlorobenzene-d4	12.21	152	45137	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			

Target Compounds						Qvalue
8) Chloroethane	1.95	64	690	0.099	ug/L #	65
12) 1,1-Dichloroethene	2.60	96	706	0.093	ug/L #	1
14) Carbon disulfide	2.82	76	1305	0.072	ug/L #	67
16) Methylene chloride	3.08	84	4007	0.314	ug/L	98
47) Tetrachloroethene	8.57	164	649	0.106	ug/L	82
62) 1,3-Dichlorobenzene	11.76	146	1009	0.062	ug/L #	84
69) Naphthalene	14.12	128	2880	0.184	ug/L #	91

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

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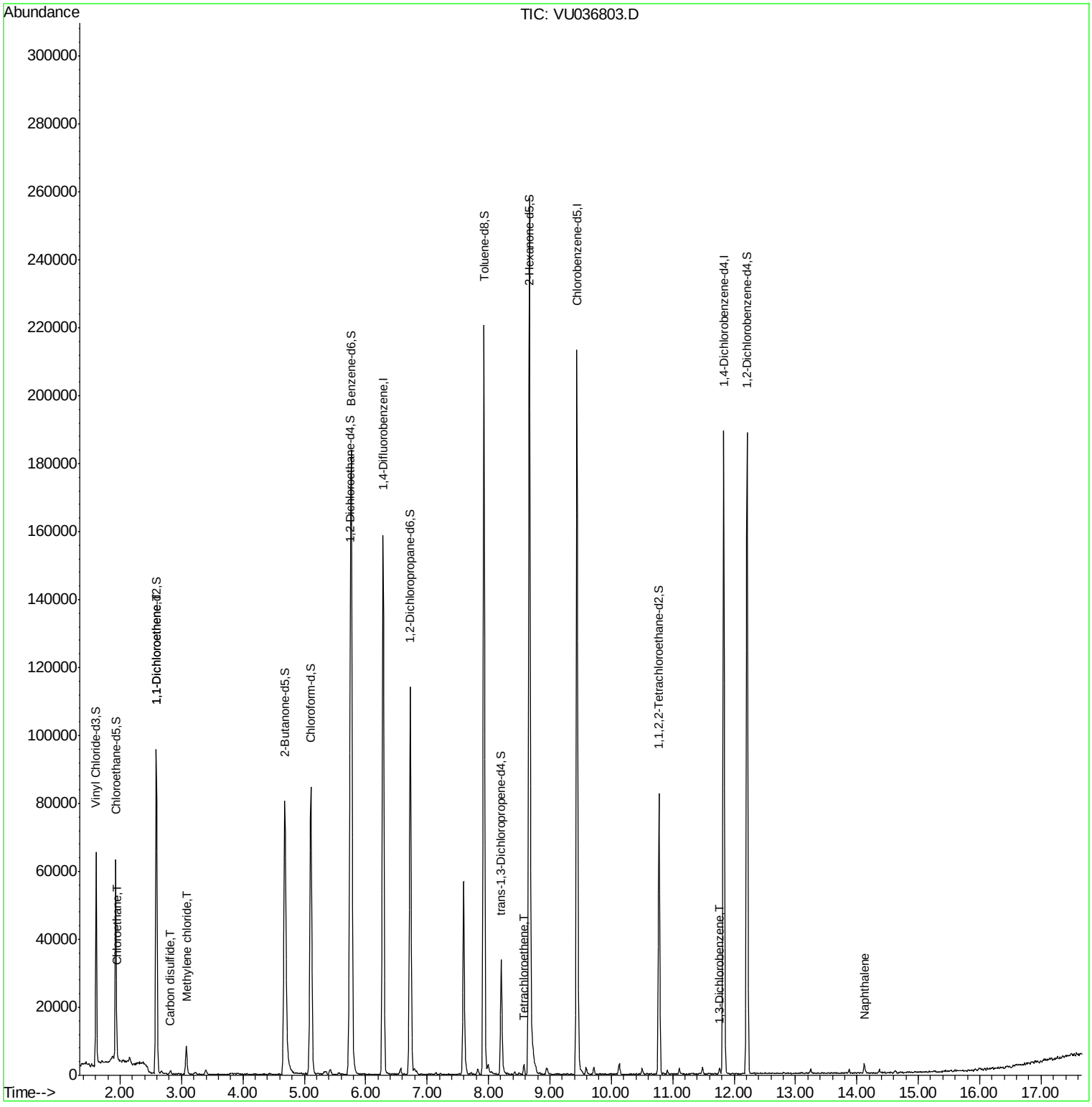
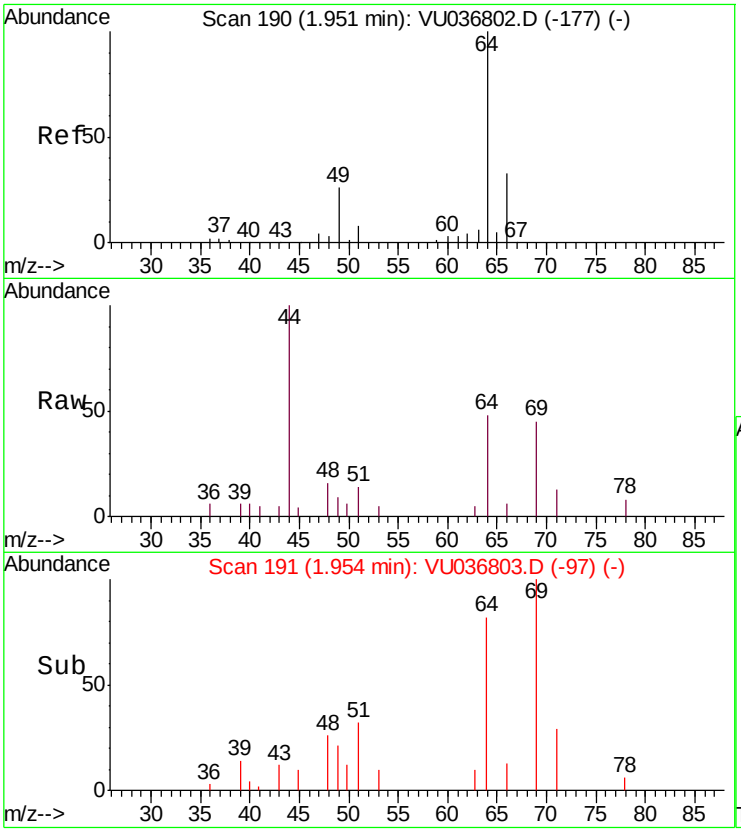
Quantitation Report (Not Reviewed)

Data File : VU036803.D
Acq On : 17 Feb 2020 11:49
Operator : JC/MD
Sample : VU0217WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK16

Quant Time: Feb 18 00:48:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 18 00:46:02 2020
Response via : Initial Calibration



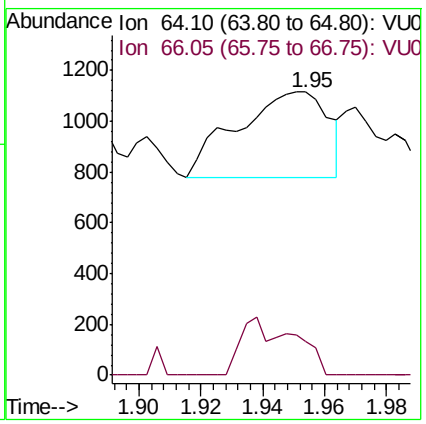


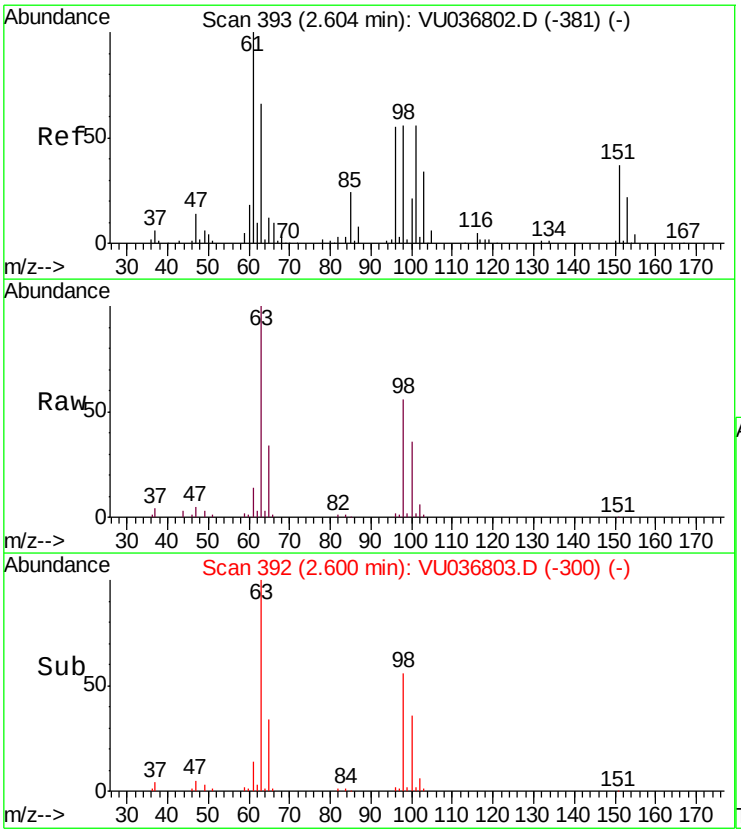
#8
Chloroethane
Concen: 0.099 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU036803.D
Acq: 17 Feb 2020 11:49

Instrument :
MSVOA_U
ClientSampleId :
VBLK16

Tgt Ion: 64 Resp: 690

Ion	Ratio	Lower	Upper
64	100		
66	12.1	21.8	40.6#

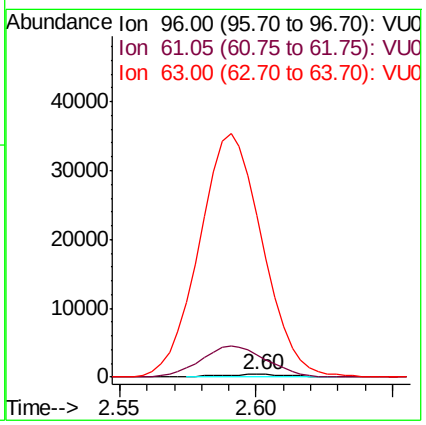


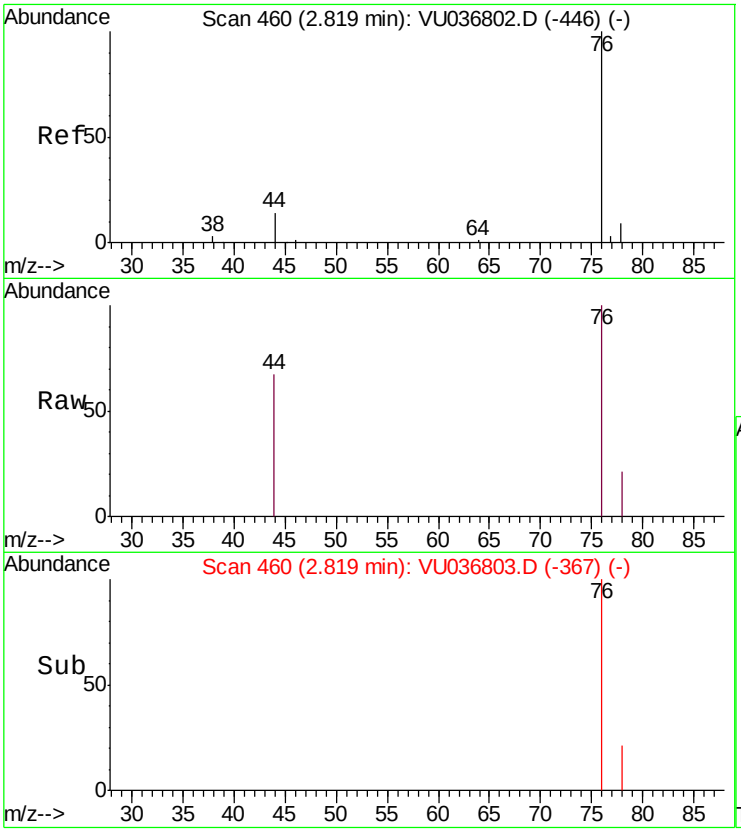


#12
1,1-Dichloroethene
Concen: 0.093 ug/L
RT: 2.60 min Scan# 392
Delta R.T. -0.00 min
Lab File: VU036803.D
Acq: 17 Feb 2020 11:49

Tgt Ion: 96 Resp: 706

Ion	Ratio	Lower	Upper
96	100		
61	858.1	126.4	234.8#
63	6298.9	89.5	166.3#



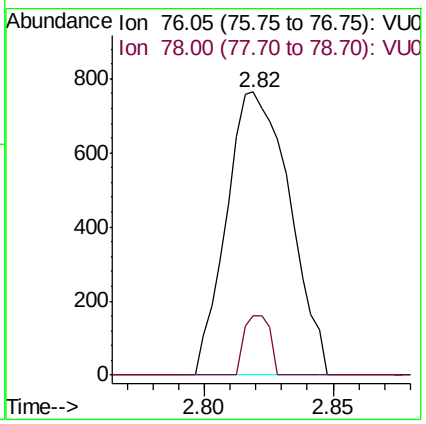


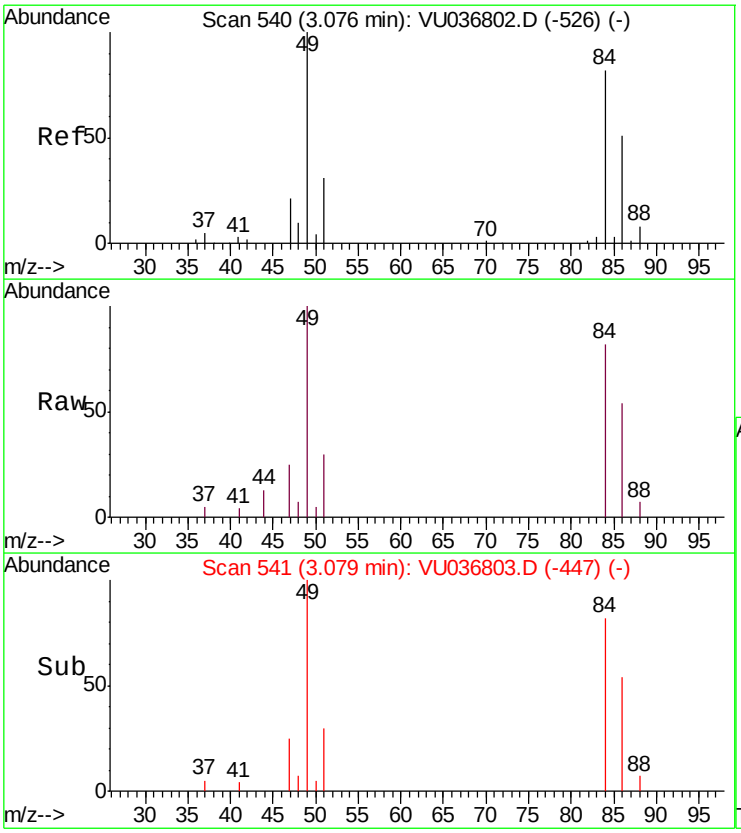
#14
Carbon disulfide
Concen: 0.072 ug/L
RT: 2.82 min Scan# 460
Delta R.T. -0.00 min
Lab File: VU036803.D
Acq: 17 Feb 2020 11:49

Instrument : MSVOA_U
ClientSampleId : VBLK16

Tgt Ion: 76 Resp: 1305

Ion	Ratio	Lower	Upper
76	100		
78	20.9	7.2	10.8#

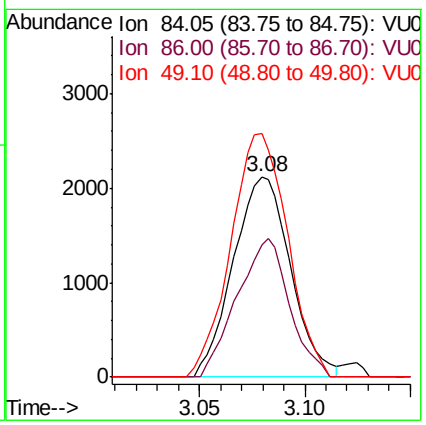


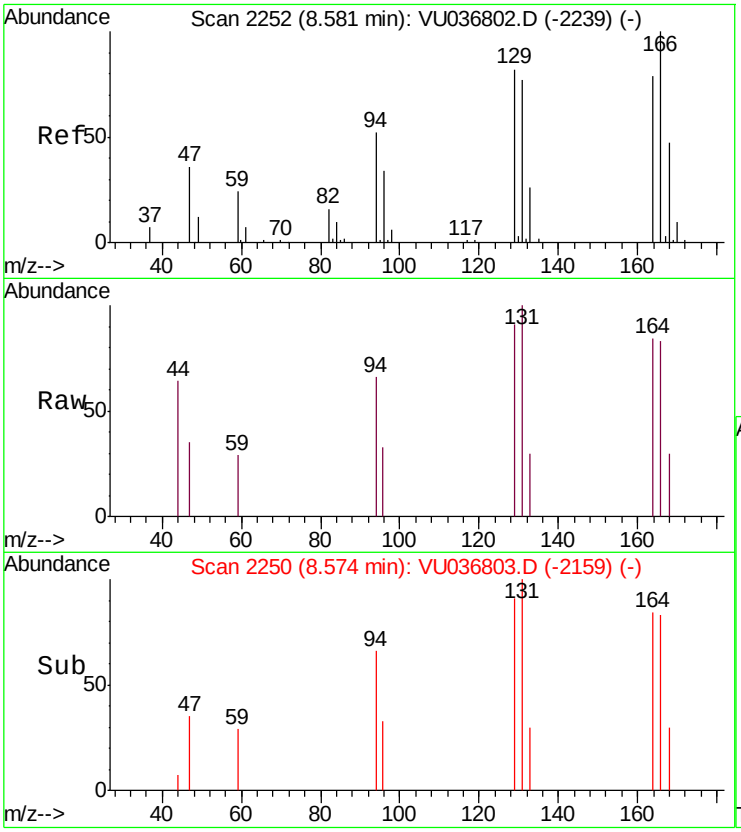


#16
Methylene chloride
Concen: 0.314 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU036803.D
Acq: 17 Feb 2020 11:49

Tgt Ion: 84 Resp: 4007

Ion	Ratio	Lower	Upper
84	100		
86	65.7	44.7	82.9
49	121.3	86.7	160.9



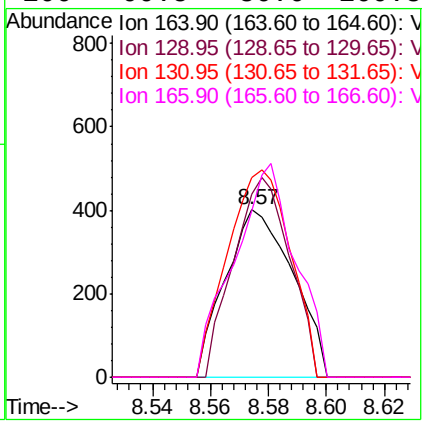


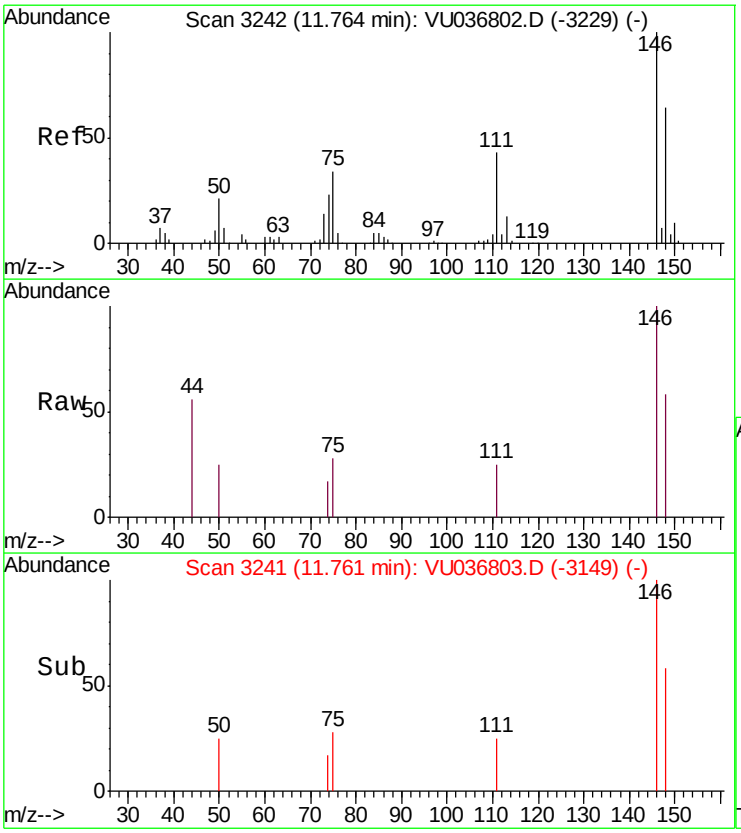
#47
Tetrachloroethene
Concen: 0.106 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.01 min
Lab File: VU036803.D
Acq: 17 Feb 2020 11:49

Instrument : MSVOA_U
ClientSampleId : VBLK16

Tgt Ion:164 Resp: 649

Ion	Ratio	Lower	Upper
164	100		
129	109.2	68.0	126.4
131	119.5	69.4	128.8
166	99.5	86.6	160.8

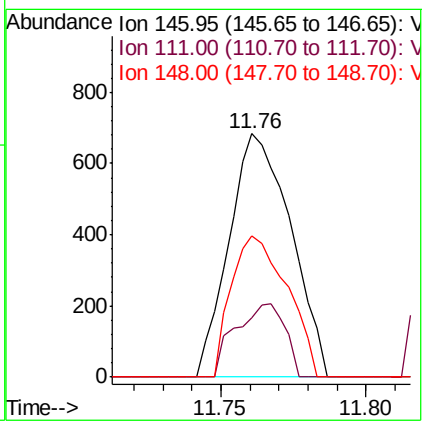


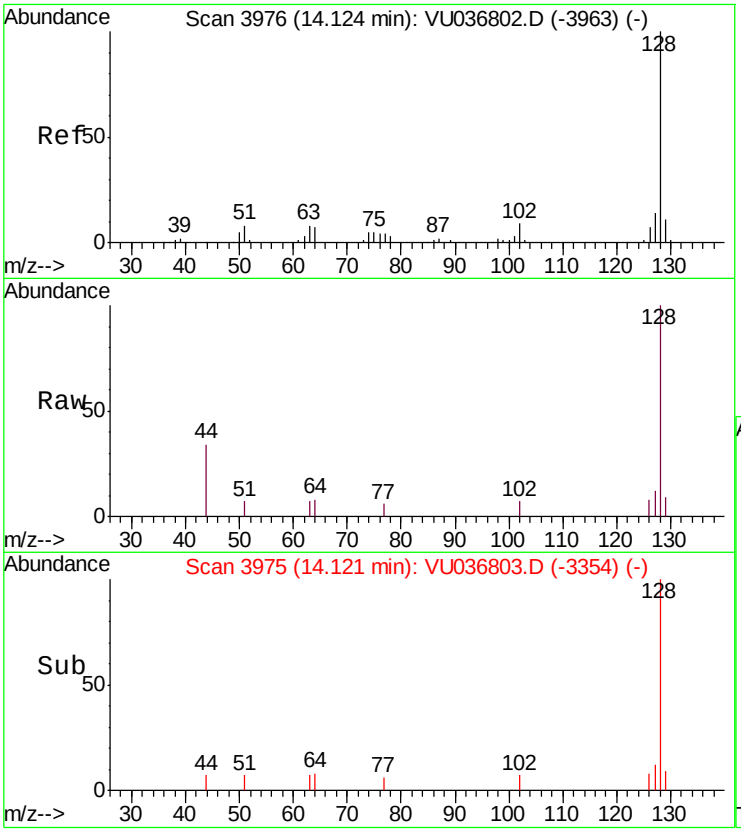


#62
1,3-Dichlorobenzene
Concen: 0.062 ug/L
RT: 11.76 min Scan# 3241
Delta R.T. -0.00 min
Lab File: VU036803.D
Acq: 17 Feb 2020 11:49

Tgt Ion:146 Resp: 1009

Ion	Ratio	Lower	Upper
146	100		
111	24.6	30.0	55.8#
148	58.0	44.5	82.7





#69
Naphthalene
Concen: 0.184 ug/L
RT: 14.12 min Scan# 3975
Delta R.T. -0.00 min
Lab File: VU036803.D
Acq: 17 Feb 2020 11:49

Instrument :
MSVOA_U
ClientSampleId :
VBLK16

Tgt Ion:128 Resp: 2880

Ion	Ratio	Lower	Upper
128	100		
129	7.8	9.0	13.4#
127	10.0	10.8	16.2#