Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\

Quantitation Report (Not Reviewed)

Data File : VU028846.D
Acq On : 20 Dec 2018 23:56
Operator : MD/SY
Sample : J6513-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9F53

Quant Time: Dec 21 06:02:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 05:57:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	194745	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	182454	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	77228	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	64520	41.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.66%			
7) Chloroethane-d5	1.67	69	53020	43.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.94%			
11) 1,1-Dichloroethene-d2	2.27	63	84461	32.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.34%			
21) 2-Butanone-d5	4.18	46	115590	105.67	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.67%			
24) Chloroform-d	4.65	84	111933	45.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.18%			
26) 1,2-Dichloroethane-d4	5.31	65	71157	47.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.04%			
32) Benzene-d6	5.34	84	241822	46.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.82%			
36) 1,2-Dichloropropane-d6	6.33	67	84505	48.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.52%			
41) Toluene-d8	7.56	98	213780	45.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.54%			
43) trans-1,3-Dichloropropene-	7.85	79	36168	46.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.20%			
47) 2-Hexanone-d5	8.31	63	91649	110.20	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.20%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	119216	49.07	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.14%			
64) 1,2-Dichlorobenzene-d4	11.86	152	78253	50.10	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.20%			
Target Compounds						Qvalue
8) Chloroethane	1.40	64	926	0.850	ug/L #	1
13) Acetone	2.32	43	2607	2.339	ug/L	93
37) 1,2-Dichloropropane	6.33	63	7767	4.783	ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1980	0.855	ug/L #	80
44) trans-1,3-Dichloropropene	7.85	75	1291	0.626	ug/L	87
46) Tetrachloroethene	8.23	164	619	0.573	ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	8639	4.458	ug/L	94
69) Naphthalene	13.75	128	8134	1.547	ug/L #	93

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

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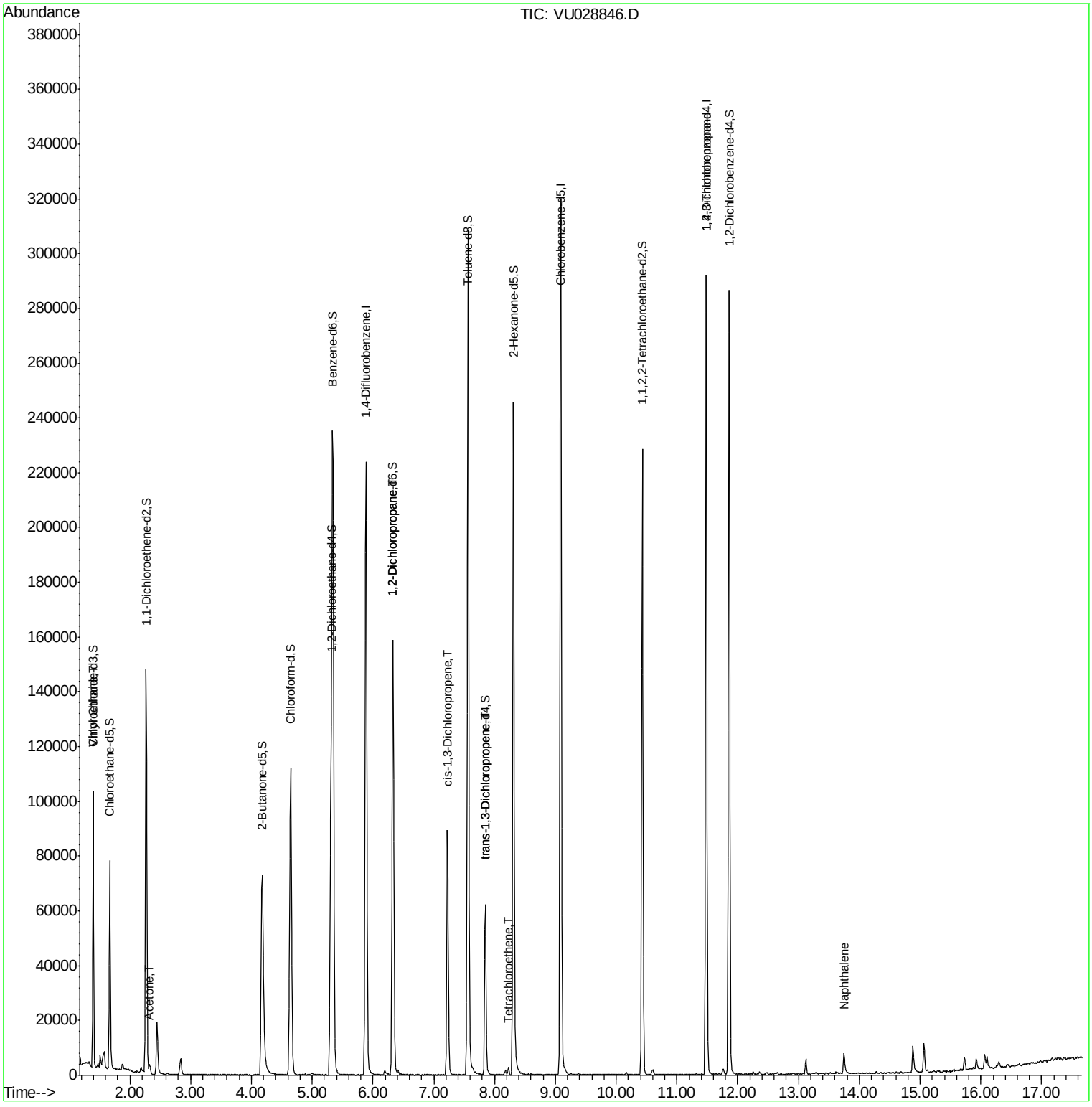
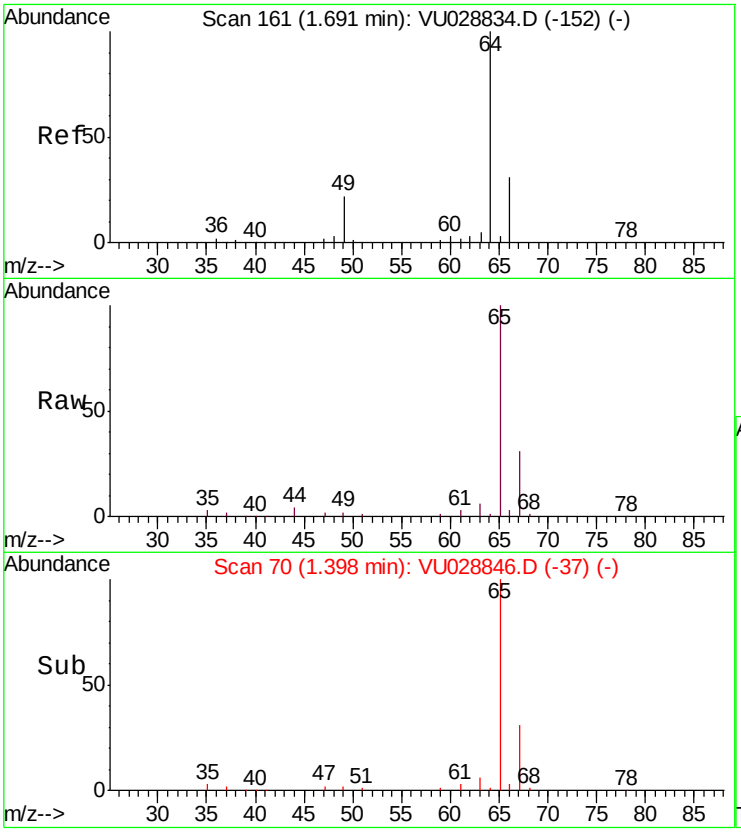
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9F53

Quant Time: Dec 21 06:02:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 05:57:29 2018
Response via : Initial Calibration



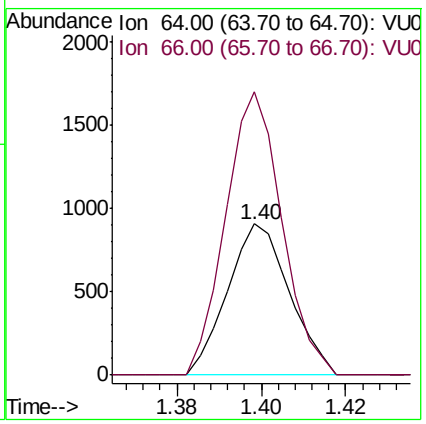


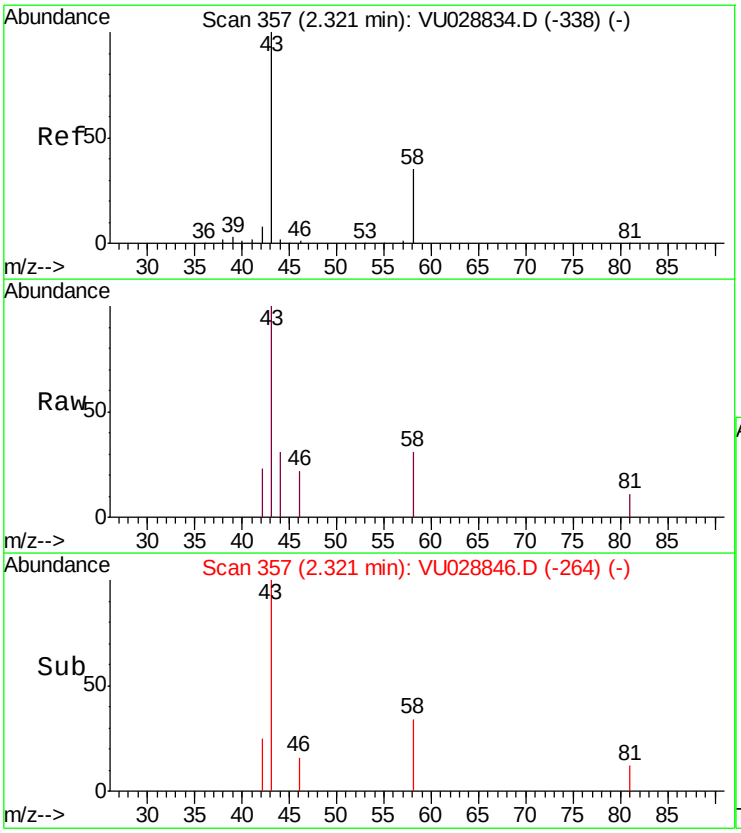
#8
Chloroethane
Concen: 0.850 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.29 min
Lab File: VU028846.D
Acq: 20 Dec 2018 23:56

Instrument : MSVOA_U
ClientSampleId : F9F53

Tgt Ion: 64 Resp: 926

Ion	Ratio	Lower	Upper
64	100		
66	186.9	21.5	39.9#

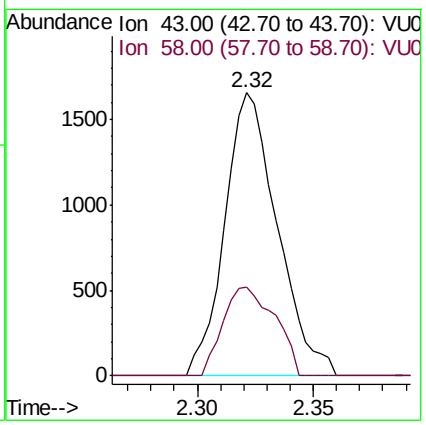


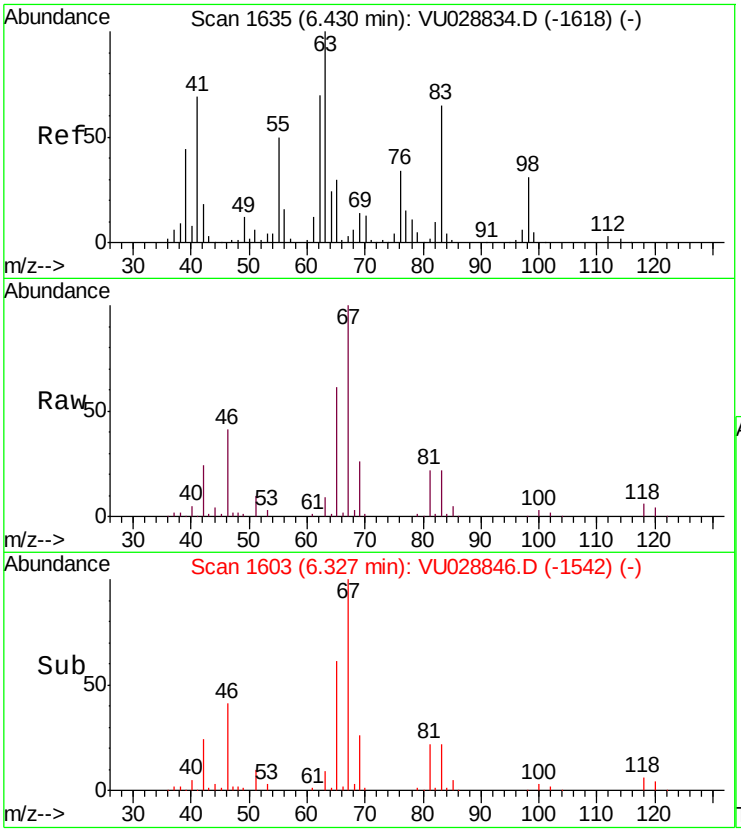


#13
Acetone
Concen: 2.339 ug/L
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU028846.D
Acq: 20 Dec 2018 23:56

Tgt Ion: 43 Resp: 2607

Ion	Ratio	Lower	Upper
43	100		
58	30.9	0.0	70.2



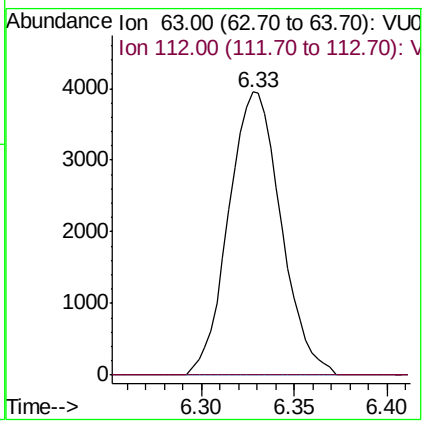


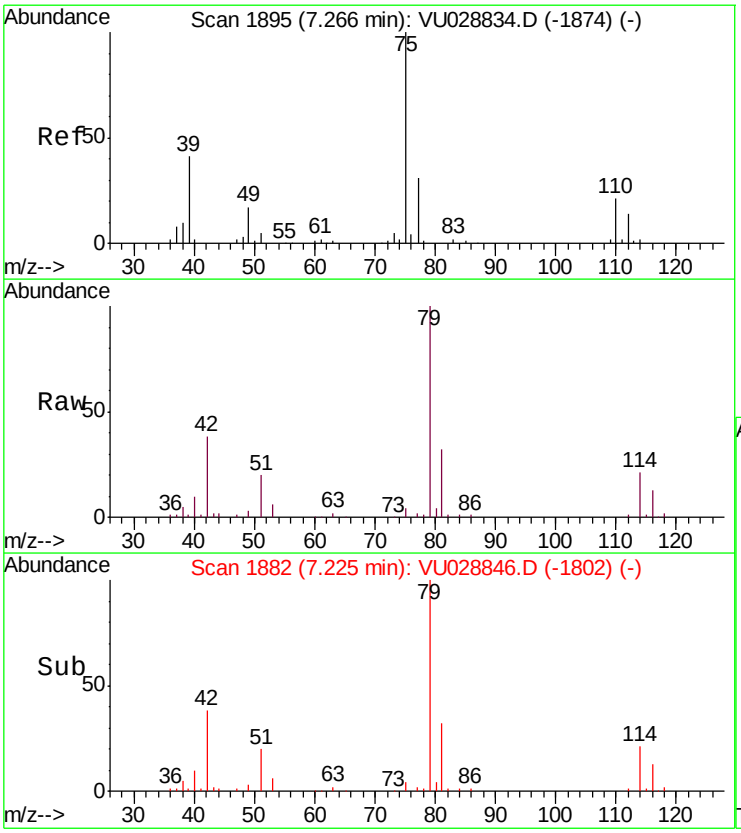
#37
1,2-Dichloropropane
Concen: 4.783 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU028846.D
Acq: 20 Dec 2018 23:56

Instrument :
MSVOA_U
ClientSampleId :
F9F53

Tgt Ion: 63 Resp: 7767

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#

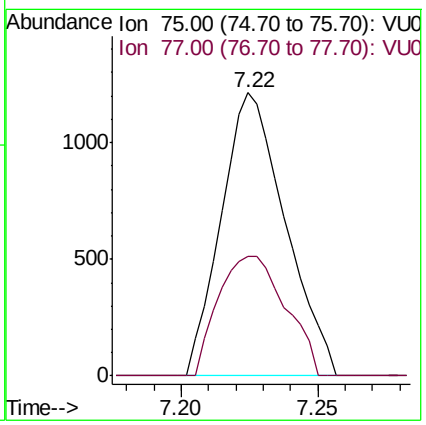


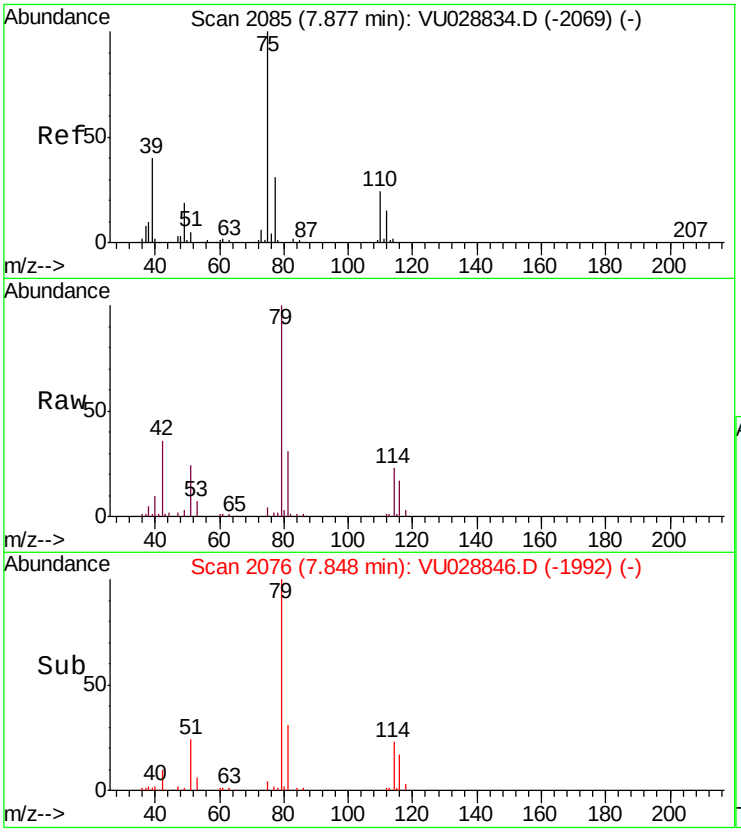


#39
cis-1,3-Dichloropropene
Concen: 0.855 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.04 min
Lab File: VU028846.D
Acq: 20 Dec 2018 23:56

Tgt Ion: 75 Resp: 1980

Ion	Ratio	Lower	Upper
75	100		
77	42.1	21.8	40.6#



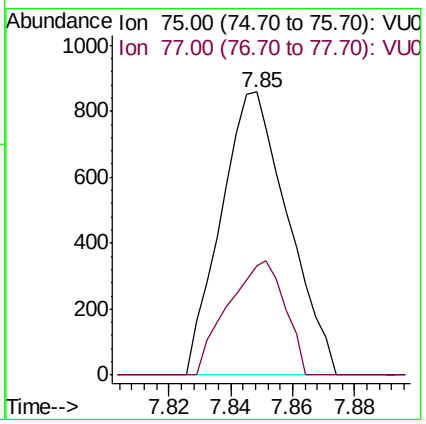


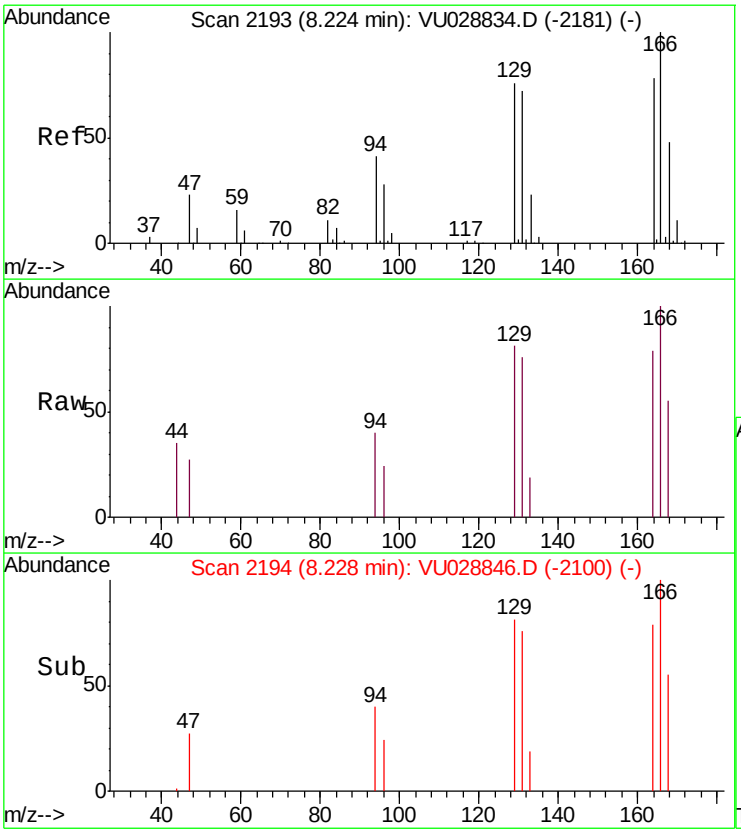
#44
trans-1,3-Dichloropropene
Concen: 0.626 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU028846.D
Acq: 20 Dec 2018 23:56

Instrument : MSVOA_U
ClientSampleId : F9F53

Tgt Ion: 75 Resp: 1291

Ion	Ratio	Lower	Upper
75	100		
77	38.6	21.8	40.6

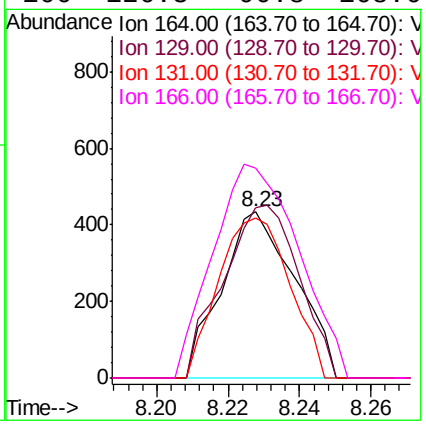


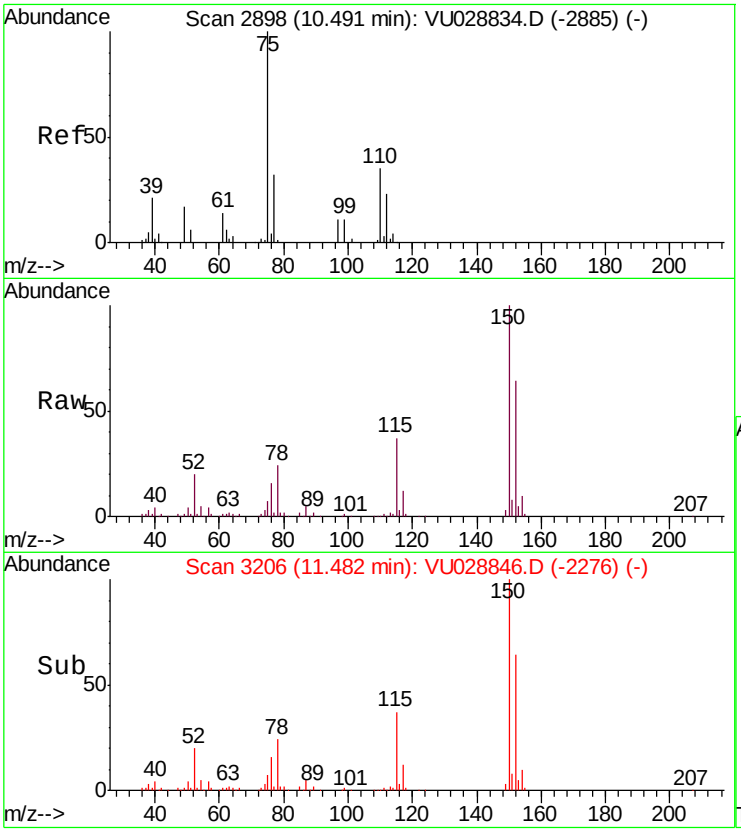


#46
Tetrachloroethene
Concen: 0.573 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028846.D
Acq: 20 Dec 2018 23:56

Tgt Ion:164 Resp: 619

Ion	Ratio	Lower	Upper
164	100		
129	102.5	66.8	124.0
131	96.5	64.2	119.2
166	126.3	90.8	168.6



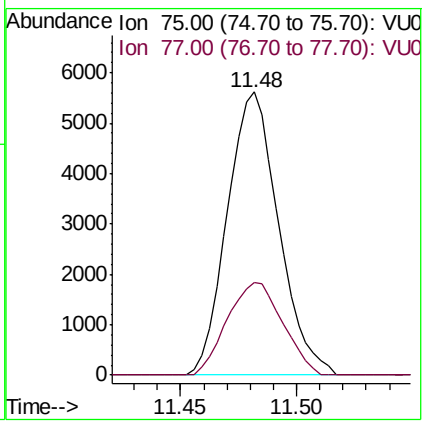


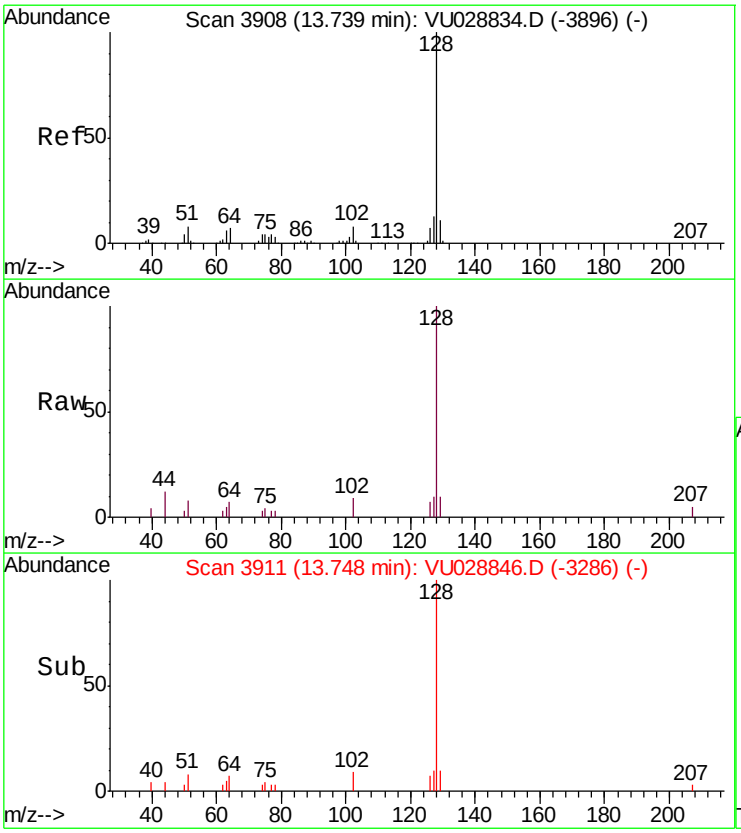
#59
1,2,3-Trichloropropane
Concen: 4.458 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028846.D
Acq: 20 Dec 2018 23:56

Instrument : MSVOA_U
ClientSampleId : F9F53

Tgt Ion: 75 Resp: 8639

Ion	Ratio	Lower	Upper
75	100		
77	35.4	25.5	38.3





#69
Naphthalene
Concen: 1.547 ug/L
RT: 13.75 min Scan# 3911
Delta R.T. 0.01 min
Lab File: VU028846.D
Acq: 20 Dec 2018 23:56

Tgt Ion:128 Resp: 8134

Ion	Ratio	Lower	Upper
128	100		
127	10.7	10.5	15.7
129	7.8	8.7	13.1#