Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122118\

Quantitation Report (Not Reviewed)

Data File : VU028901.D
Acq On : 22 Dec 2018 02:19
Operator : MD/SY
Sample : J6542-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Dec 22 03:52:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 22 01:55:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	161730	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	151918	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	60616	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	58842	45.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.76%			
7) Chloroethane-d5	1.67	69	47929	47.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.72%			
11) 1,1-Dichloroethene-d2	2.27	63	75488	34.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.24%			
21) 2-Butanone-d5	4.18	46	101398	111.62	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.62%			
24) Chloroform-d	4.65	84	103608	50.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.64%			
26) 1,2-Dichloroethane-d4	5.31	65	66541	52.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.90%			
32) Benzene-d6	5.34	84	222337	51.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.60%			
36) 1,2-Dichloropropane-d6	6.33	67	78566	53.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.78%			
41) Toluene-d8	7.57	98	195095	50.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.32%			
43) trans-1,3-Dichloropropene-	7.85	79	31556	48.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.60%			
47) 2-Hexanone-d5	8.31	63	79493	114.79	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 114.79%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	106731	52.77	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.54%			
64) 1,2-Dichlorobenzene-d4	11.86	152	67720	55.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.48%			
Target Compounds						Qvalue
8) Chloroethane	1.40	64	798	0.883	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	706	0.674	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	571	0.551	ug/L #	1
13) Acetone	2.32	43	1111	1.200	ug/L	84
27) 1,2-Dichloroethane	5.34	62	1085	0.702	ug/L #	74
35) Methylcyclohexane	6.33	83	16050	8.253	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7156	5.293	ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1666	0.864	ug/L #	74
44) trans-1,3-Dichloropropene	7.85	75	1039	0.605	ug/L #	74
48) 2-Hexanone	8.31	43	7979	5.350	ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	7463	4.626	ug/L	97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122118\

Quantitation Report (Not Reviewed)

Data File : VU028901.D
Acq On : 22 Dec 2018 02:19
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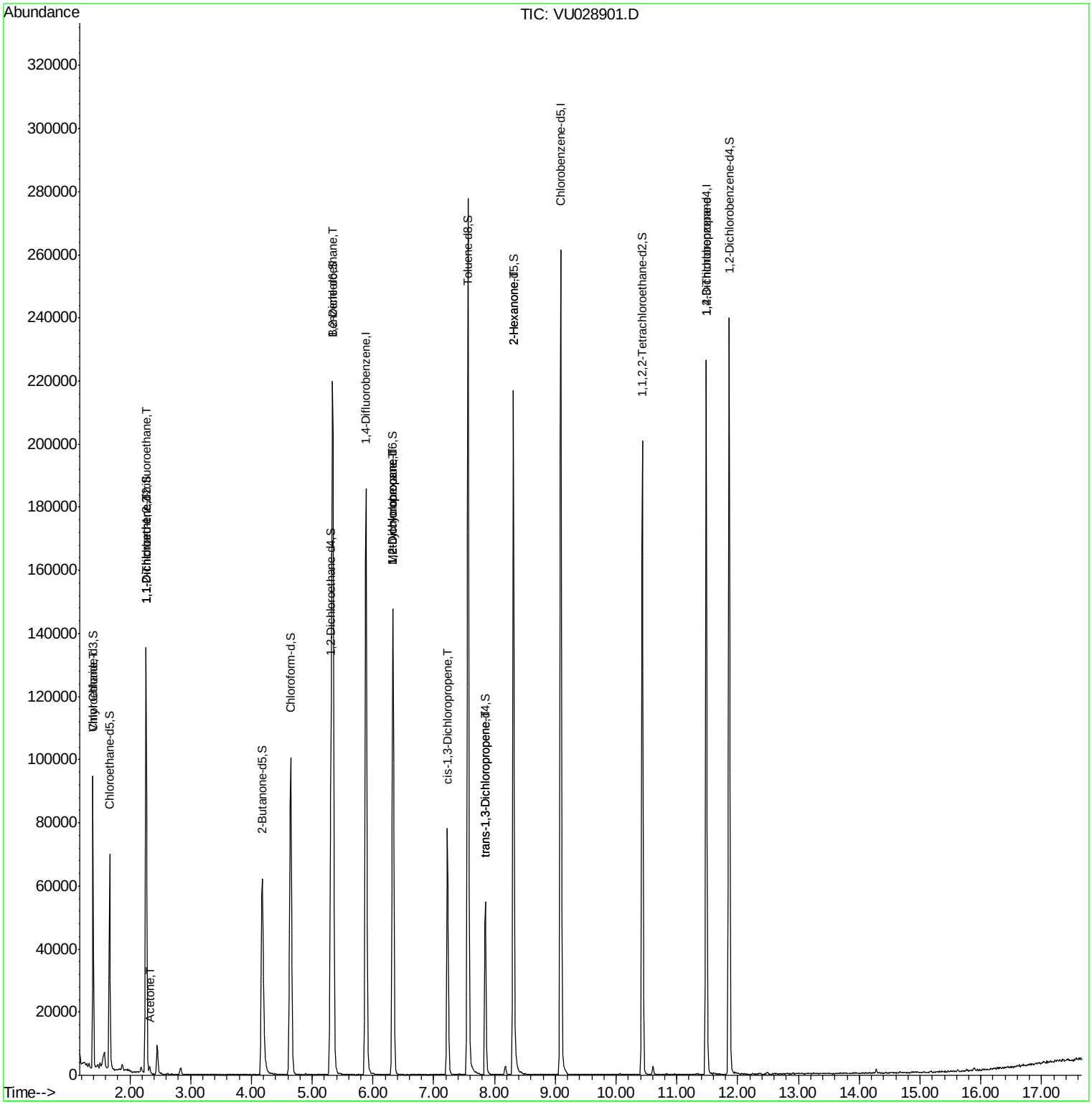
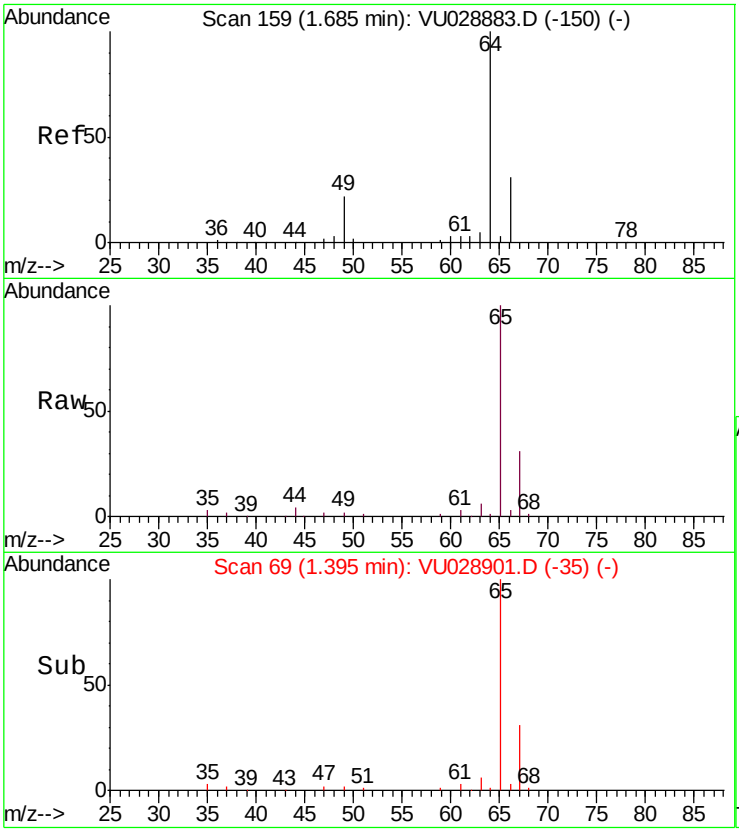
Sample : J6542-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Dec 22 03:52:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 22 01:55:05 2018
Response via : Initial Calibration

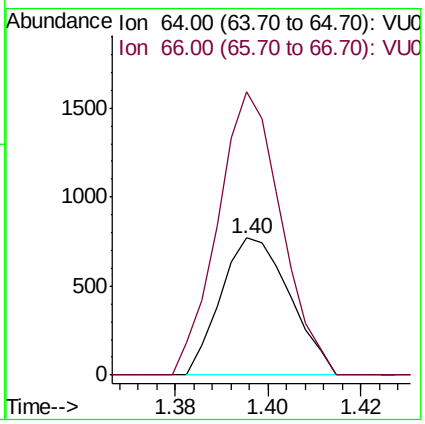


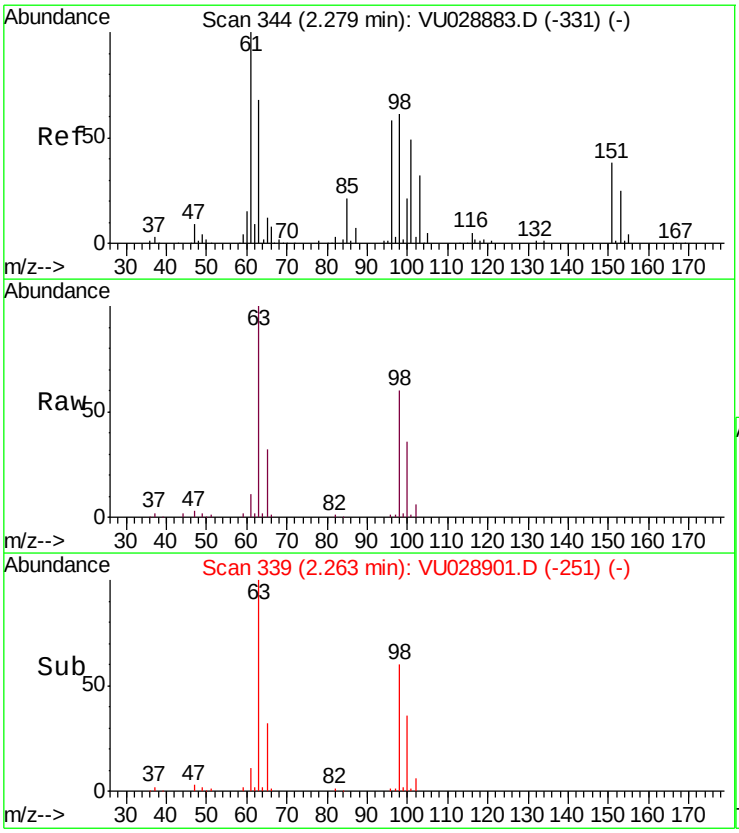


#8
Chloroethane
Concen: 0.883 ug/L
RT: 1.40 min Scan# 69
Delta R.T. -0.29 min
Lab File: VU028901.D
Acq: 22 Dec 2018 02:19

Tgt Ion: 64 Resp: 798

Ion	Ratio	Lower	Upper
64	100		
66	206.8	21.5	39.9#

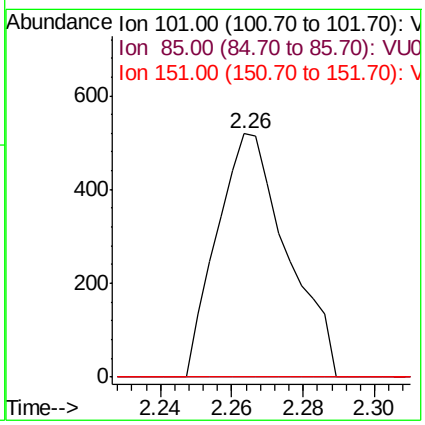


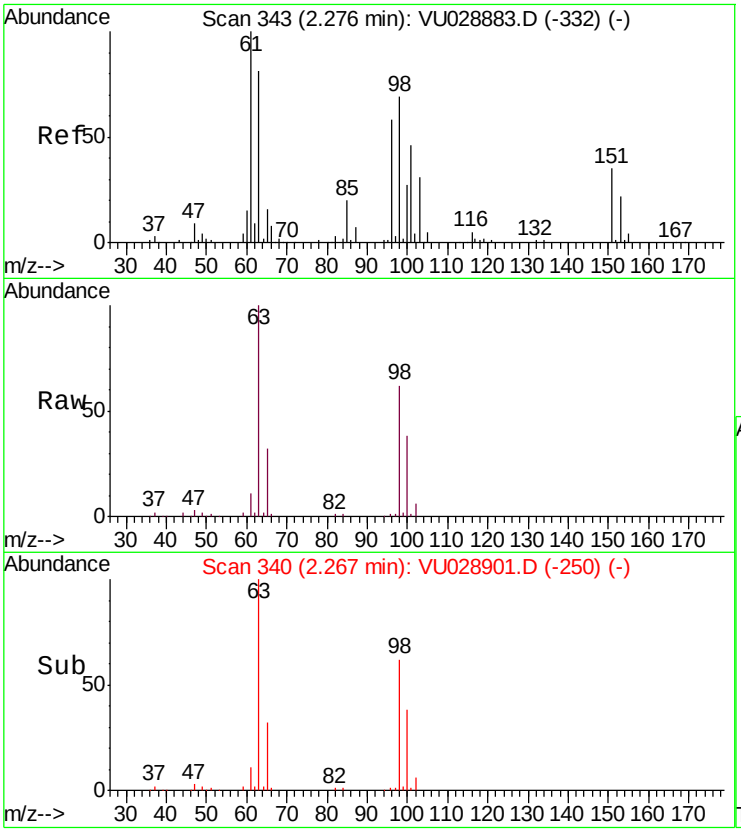


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.674 ug/L
RT: 2.26 min Scan# 339
Delta R.T. -0.02 min
Lab File: VU028901.D
Acq: 22 Dec 2018 02:19

Tgt Ion:101 Resp: 706

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.8	50.6#
151	0.0	59.4	89.0#

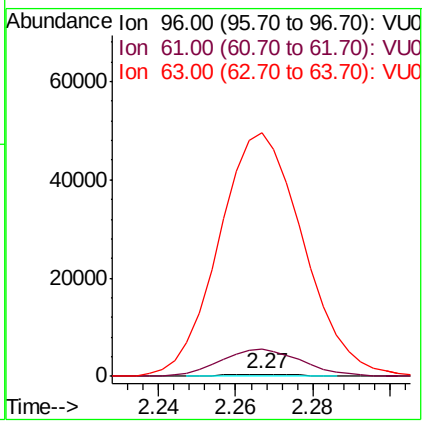


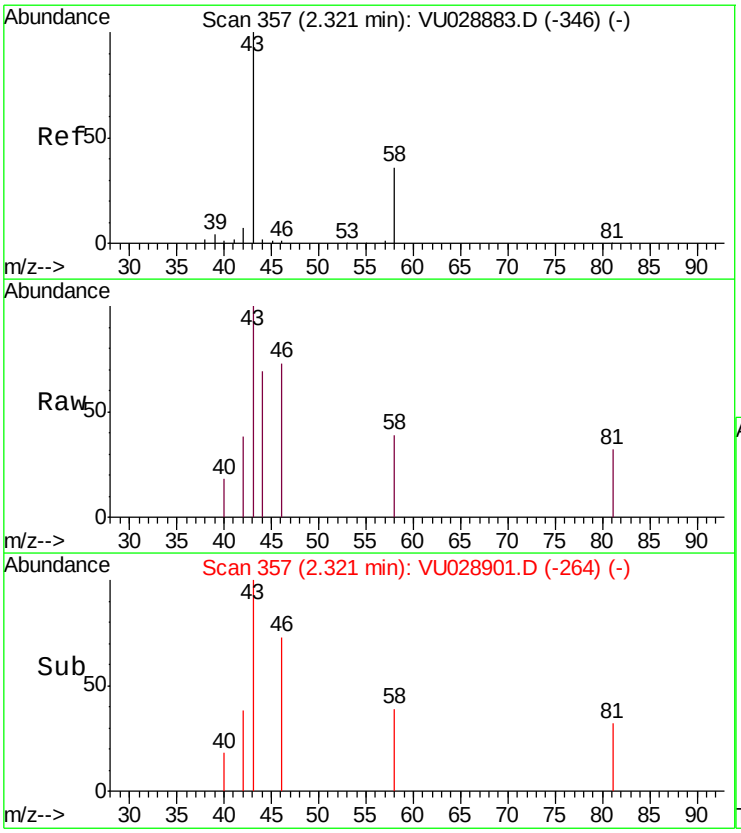


#12
1,1-Dichloroethene
Concen: 0.551 ug/L
RT: 2.27 min Scan# 340
Delta R.T. -0.01 min
Lab File: VU028901.D
Acq: 22 Dec 2018 02:19

Tgt Ion: 96 Resp: 571

Ion	Ratio	Lower	Upper
96	100		
61	1368.5	119.3	221.5#
63	12117.4	107.4	199.6#

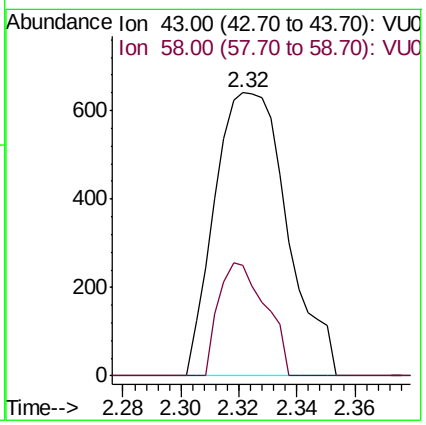


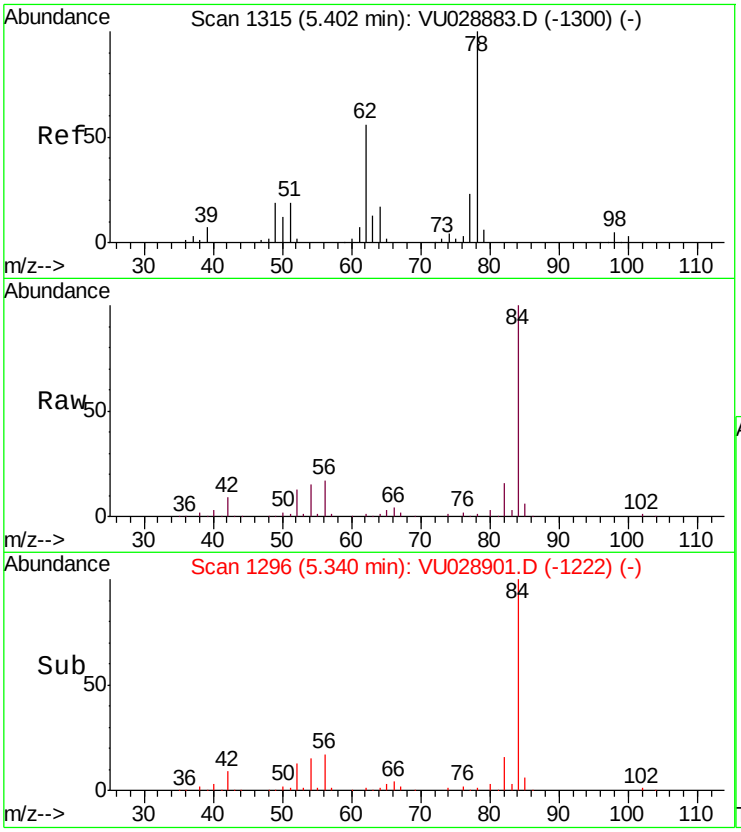


#13
Acetone
Concen: 1.200 ug/L
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU028901.D
Acq: 22 Dec 2018 02:19

Tgt Ion: 43 Resp: 1111

Ion	Ratio	Lower	Upper
43	100		
58	25.9	0.0	70.2

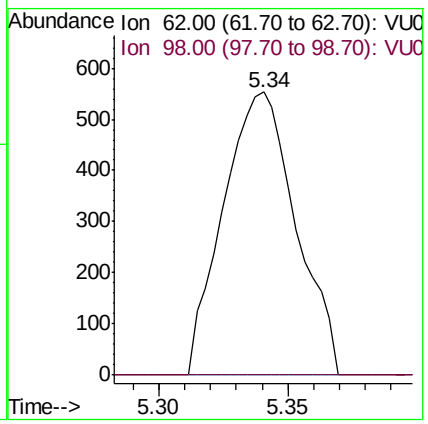


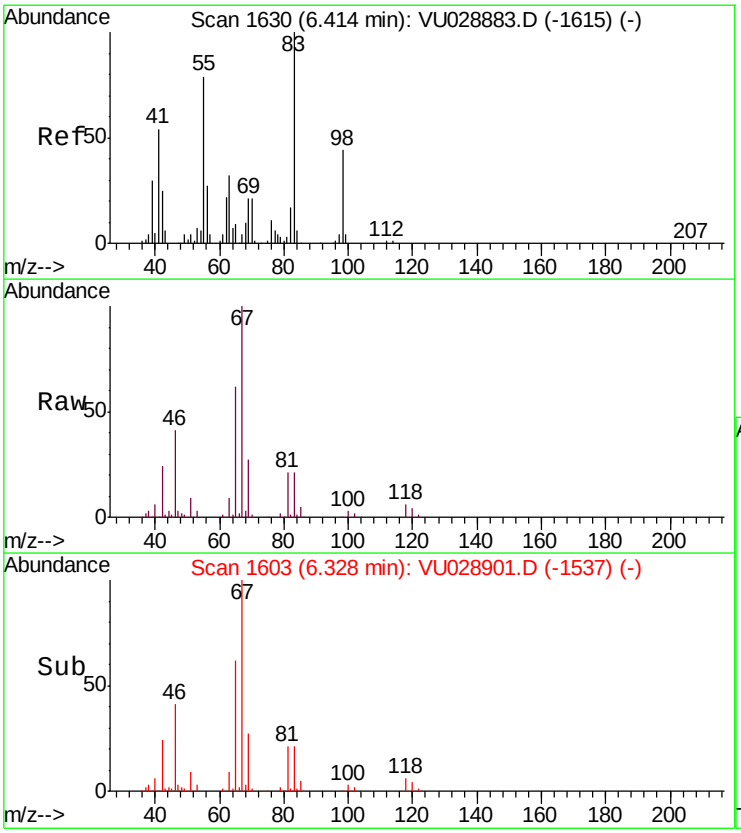


#27
1,2-Dichloroethane
Concen: 0.702 ug/L
RT: 5.34 min Scan# 1296
Delta R.T. -0.06 min
Lab File: VU028901.D
Acq: 22 Dec 2018 02:19

Tgt Ion: 62 Resp: 1085

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#

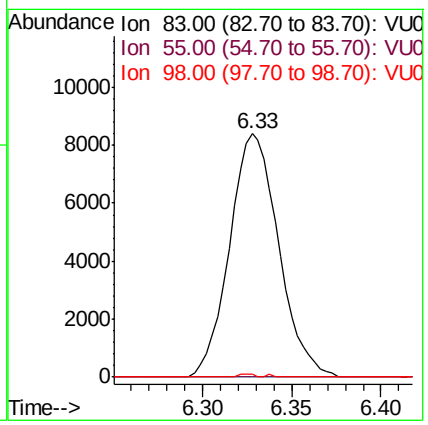


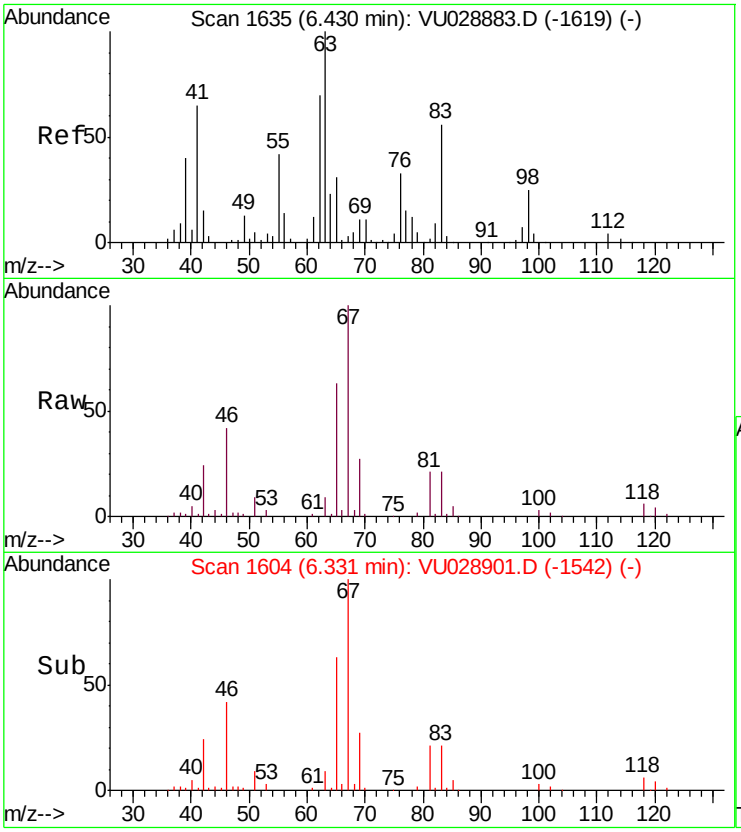


#35
Methylcyclohexane
Concen: 8.253 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.09 min
Lab File: VU028901.D
Acq: 22 Dec 2018 02:19

Tgt Ion: 83 Resp: 16050

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.7	95.5#
98	0.4	35.6	53.4#

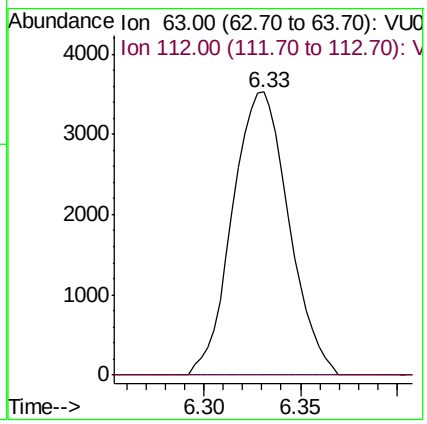


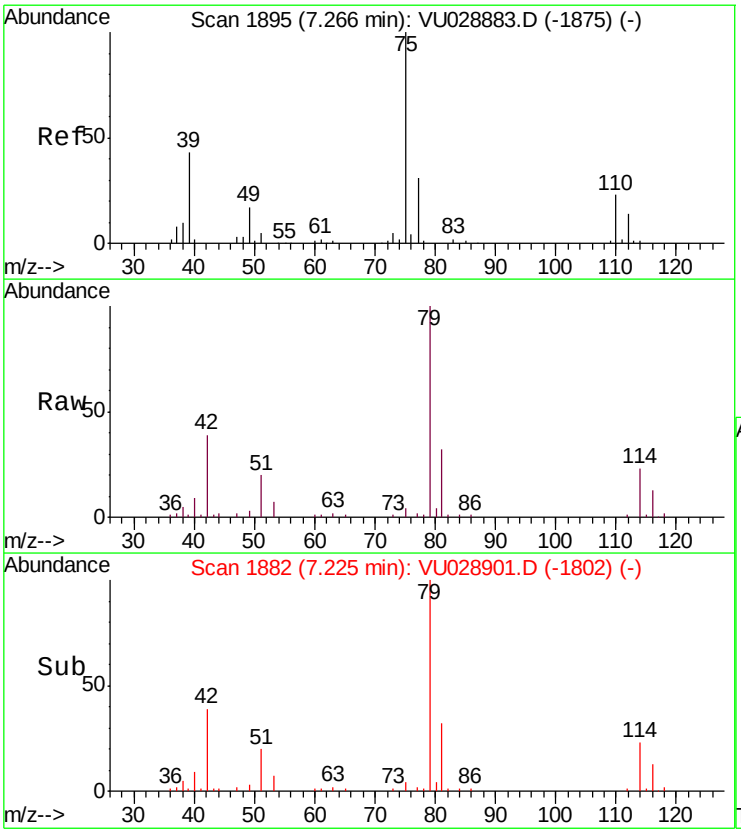


#37
1,2-Dichloropropane
Concen: 5.293 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028901.D
Acq: 22 Dec 2018 02:19

Tgt Ion: 63 Resp: 7156

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#

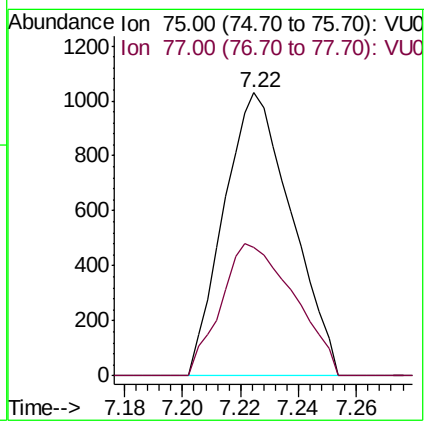


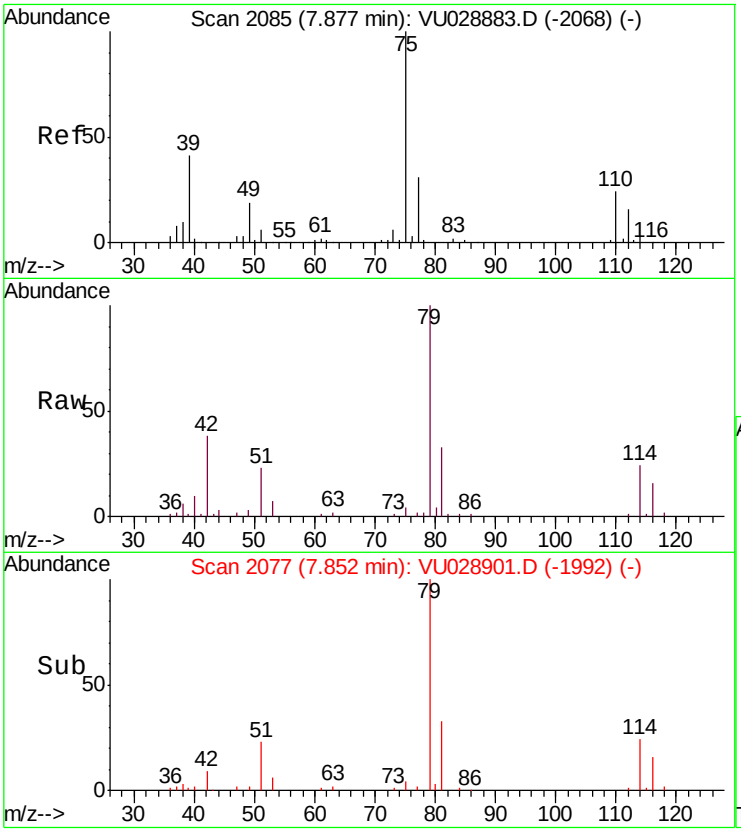


#39
cis-1,3-Dichloropropene
Concen: 0.864 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.04 min
Lab File: VU028901.D
Acq: 22 Dec 2018 02:19

Tgt Ion: 75 Resp: 1666

Ion	Ratio	Lower	Upper
75	100		
77	45.6	21.8	40.6#

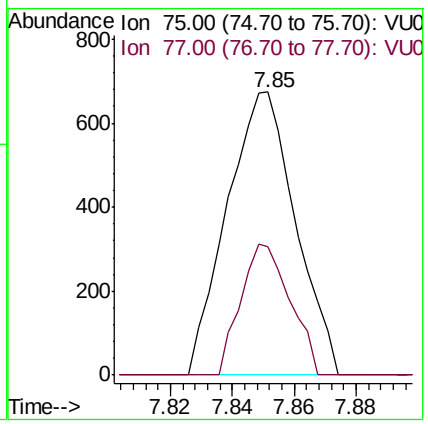


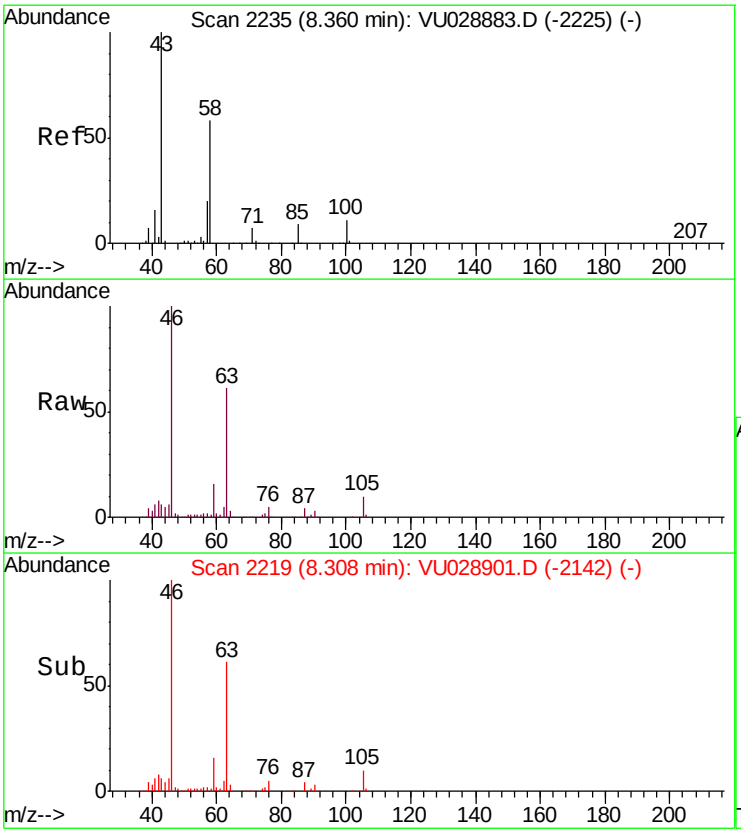


#44
trans-1,3-Dichloropropene
Concen: 0.605 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU028901.D
Acq: 22 Dec 2018 02:19

Tgt Ion: 75 Resp: 1039

Ion	Ratio	Lower	Upper
75	100		
77	45.4	21.8	40.6#

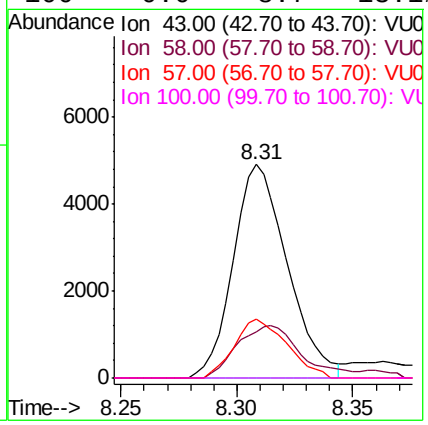


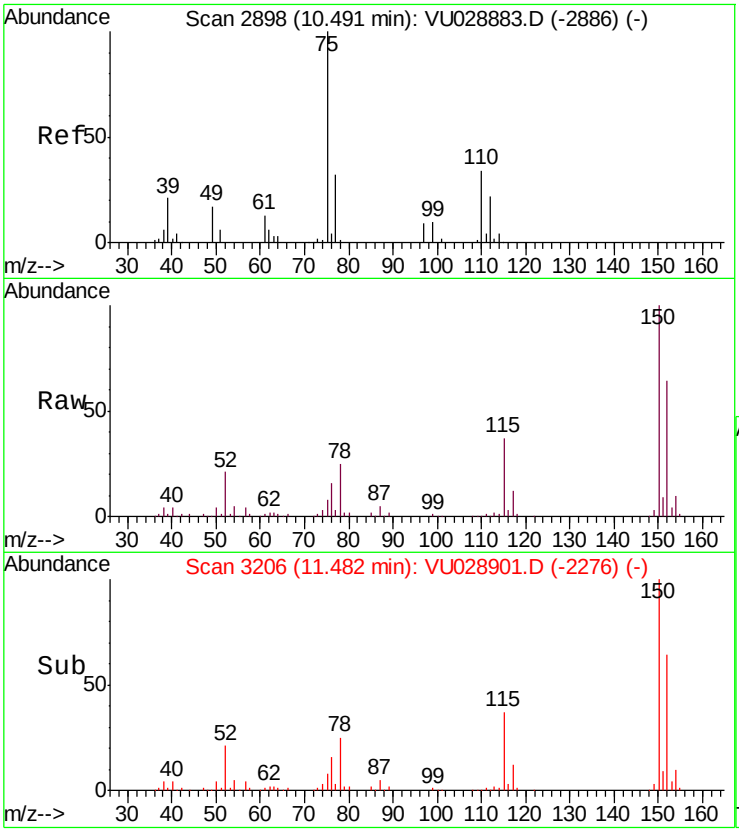


#48
2-Hexanone
Concen: 5.350 ug/L
RT: 8.31 min Scan# 2219
Delta R.T. -0.05 min
Lab File: VU028901.D
Acq: 22 Dec 2018 02:19

Tgt Ion: 43 Resp: 7979

Ion	Ratio	Lower	Upper
43	100		
58	28.7	45.9	68.9#
57	26.7	15.0	22.4#
100	0.0	8.7	13.1#





#59
1,2,3-Trichloropropane
Concen: 4.626 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028901.D
Acq: 22 Dec 2018 02:19

Tgt Ion: 75 Resp: 7463

Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.5	38.3