Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092118\

Quantitation Report (Not Reviewed)

Data File : VU026957.D
Acq On : 21 Sep 2018 00:47
Operator : MD/SY
Sample : J5012-14 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08Q3

Quant Time: Sep 21 06:05:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 04:24:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	197793	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	179522	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	66871	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	79876	54.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 109.18%			
7) Chloroethane-d5	1.66	69	72025	57.51	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 115.02%			
11) 1,1-Dichloroethene-d2	2.27	63	109694	39.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.24%			
21) 2-Butanone-d5	4.18	46	131177	135.10	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 135.10%#			
24) Chloroform-d	4.65	84	151569	55.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.70%			
26) 1,2-Dichloroethane-d4	5.31	65	98955	57.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.80%			
32) Benzene-d6	5.34	84	299559	59.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 119.08%			
36) 1,2-Dichloropropane-d6	6.33	67	100502	62.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 124.00%#			
41) Toluene-d8	7.57	98	238373	52.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.88%			
43) trans-1,3-Dichloropropene-	7.85	79	41194	56.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 113.84%			
47) 2-Hexanone-d5	8.31	63	93878	147.35	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 147.35%#			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	144138	63.77	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 127.54%#			
64) 1,2-Dichlorobenzene-d4	11.86	152	95304	68.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 137.02%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	951	0.696	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	876	0.683	ug/L #	1
13) Acetone	2.32	43	764	0.801	ug/L	76
35) Methylcyclohexane	6.33	83	23904	10.979	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	10389	6.795	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2303	1.066	ug/L #	52
44) trans-1,3-Dichloropropene	7.85	75	1509	0.746	ug/L	88
48) 2-Hexanone	8.31	43	11057	7.545	ug/L #	67
51) Chlorobenzene	9.12	112	9095	2.380	ug/L	98
59) 1,2,3-Trichloropropane	11.49	75	8936	4.879	ug/L	95
63) 1,4-Dichlorobenzene	11.51	146	6264	2.791	ug/L	89
65) 1,2-Dichlorobenzene	11.88	146	4347	1.926	ug/L	93

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092118\

Quantitation Report (Not Reviewed)

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Sample : J5012-14 50X
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Instrument : MSVOA_U
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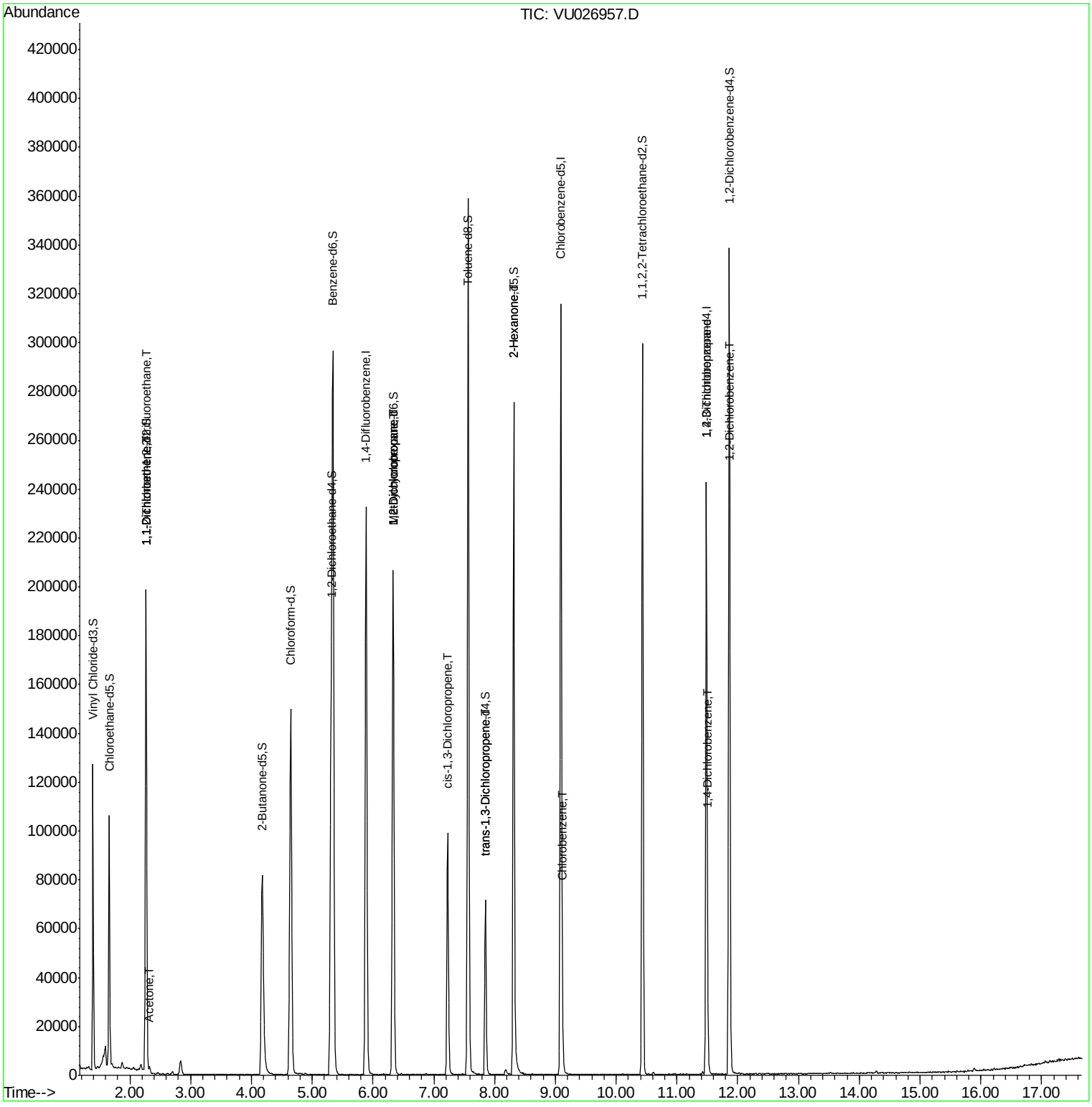
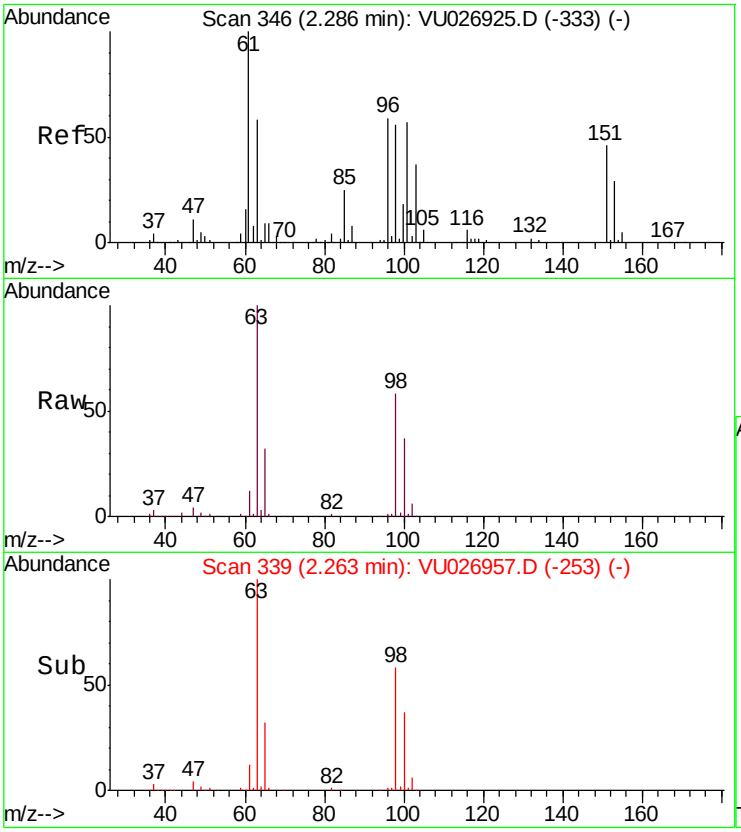
Quant Time: Sep 21 06:05:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 04:24:07 2018
Response via : Initial Calibration



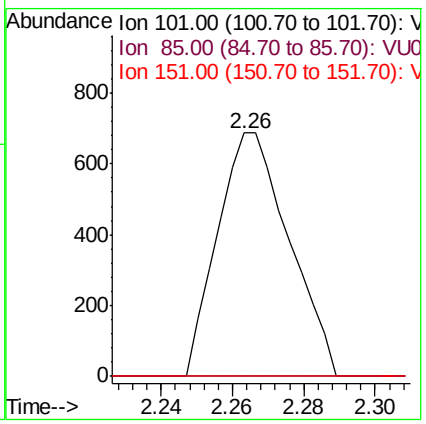


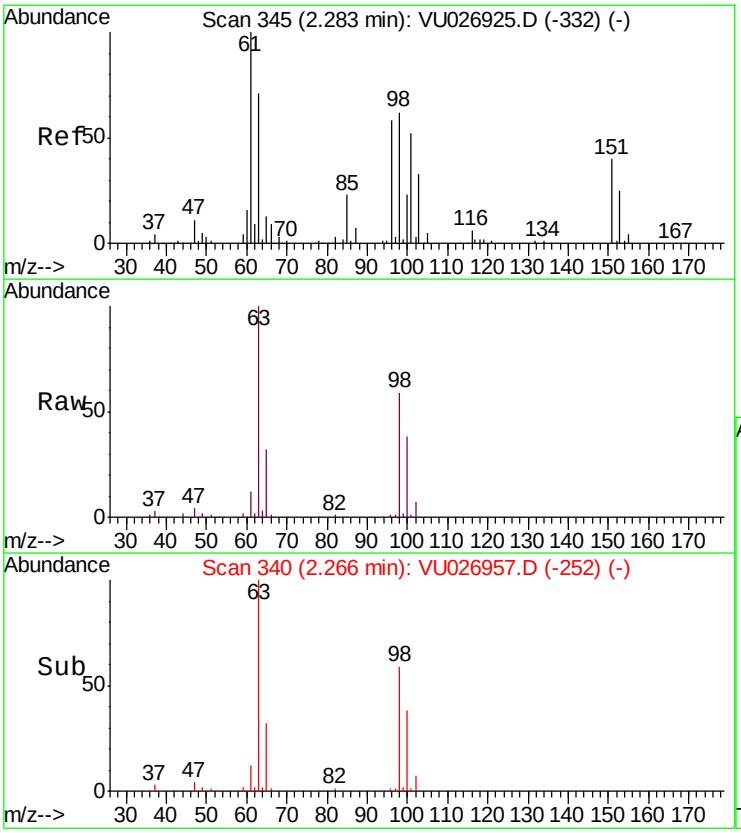
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.696 ug/L
RT: 2.26 min Scan# 339
Delta R.T. -0.02 min
Lab File: VU026957.D
Acq: 21 Sep 2018 00:47

Instrument :
MSVOA_U
ClientSampleId :
C08Q3

Tgt Ion:101 Resp: 951

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	52.0#
151	0.0	63.0	94.4#

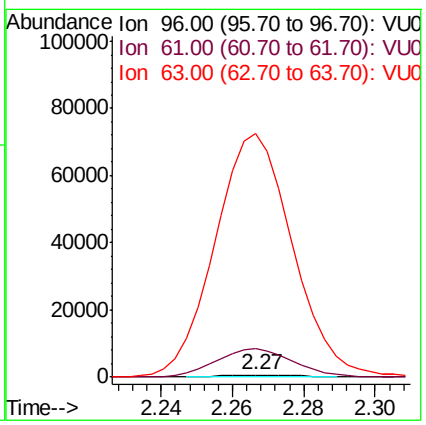


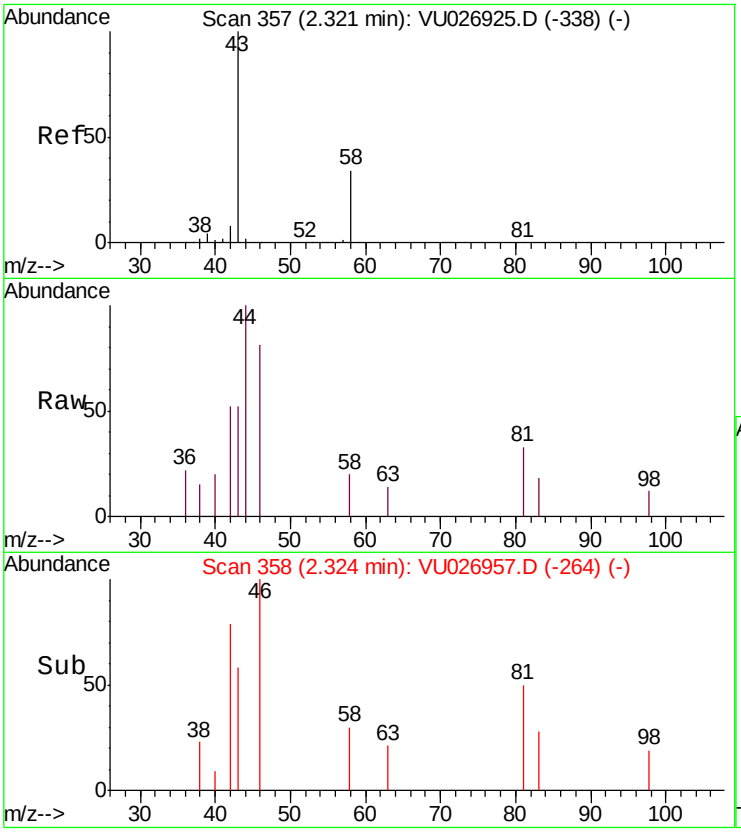


#12
1,1-Dichloroethene
Concen: 0.683 ug/L
RT: 2.27 min Scan# 340
Delta R.T. -0.02 min
Lab File: VU026957.D
Acq: 21 Sep 2018 00:47

Tgt Ion: 96 Resp: 876

Ion	Ratio	Lower	Upper
96	100		
61	1464.9	124.0	230.4#
63	12656.2	97.7	181.5#



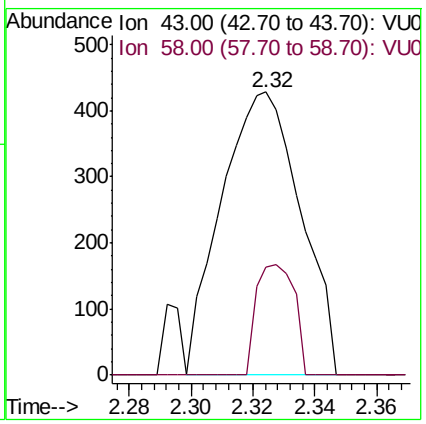


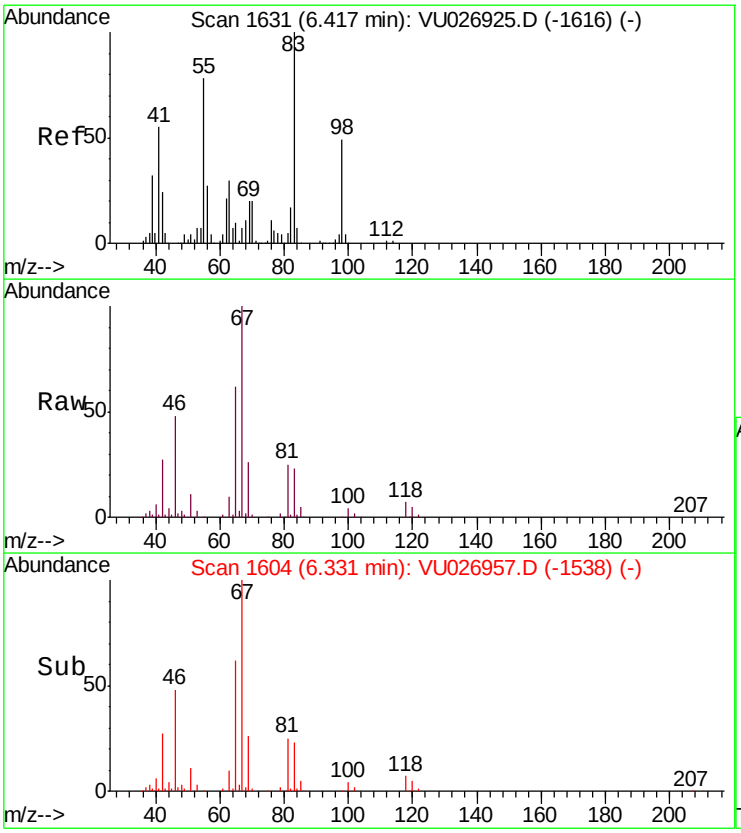
#13
Acetone
Concen: 0.801 ug/L
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU026957.D
Acq: 21 Sep 2018 00:47

Instrument : MSVOA_U
ClientSampleId : C08Q3

Tgt Ion: 43 Resp: 764

Ion	Ratio	Lower	Upper
43	100		
58	18.7	0.0	64.6

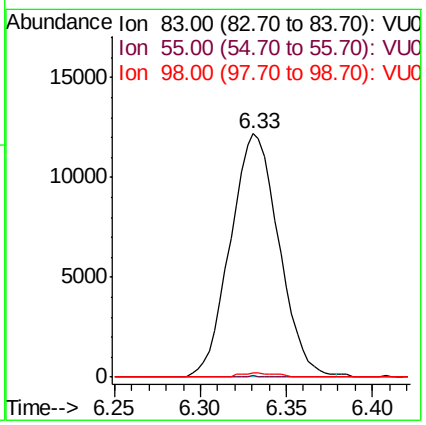


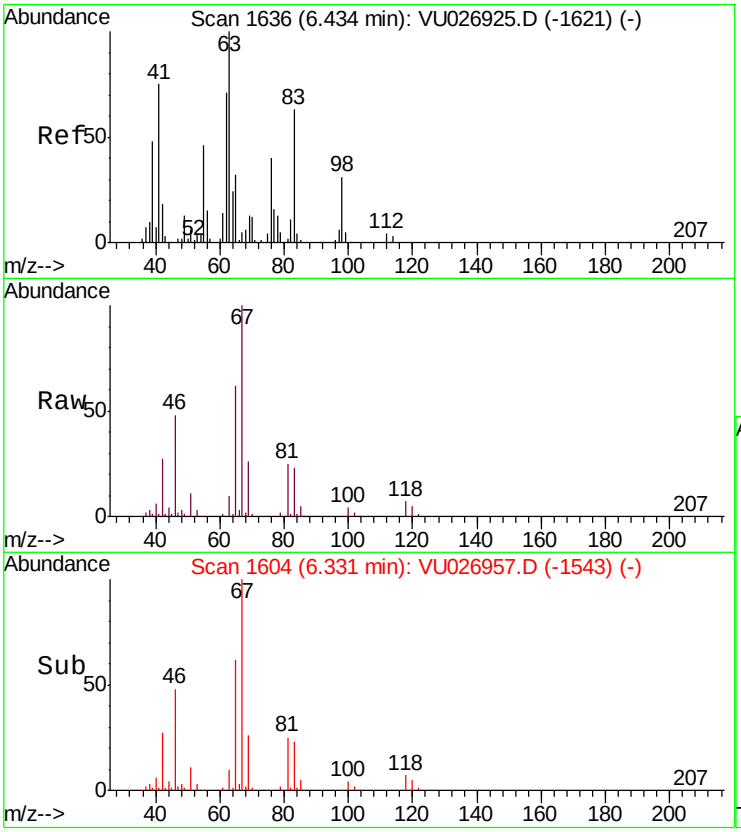


#35
Methylcyclohexane
Concen: 10.979 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU026957.D
Acq: 21 Sep 2018 00:47

Tgt Ion: 83 Resp: 23904

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.7	92.5#
98	1.2	38.3	57.5#



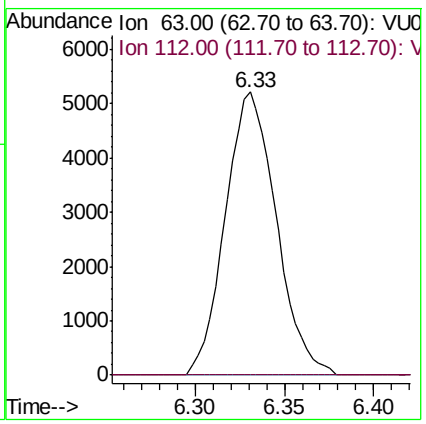


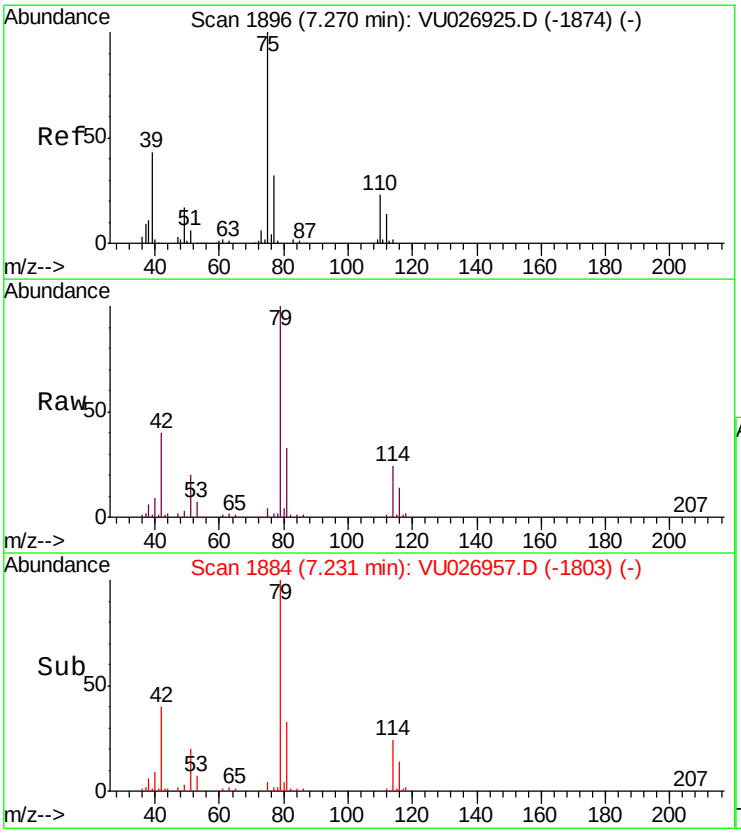
#37
1,2-Dichloropropane
Concen: 6.795 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026957.D
Acq: 21 Sep 2018 00:47

Instrument :
MSVOA_U
ClientSampleId :
C08Q3

Tgt Ion: 63 Resp: 10389

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#

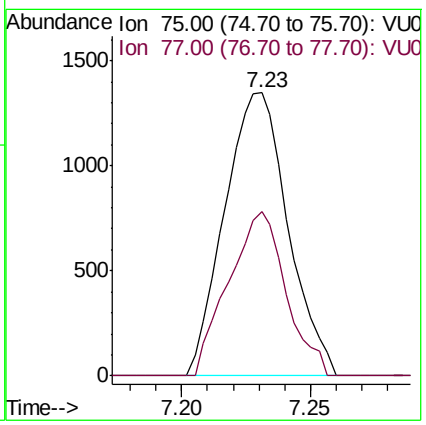


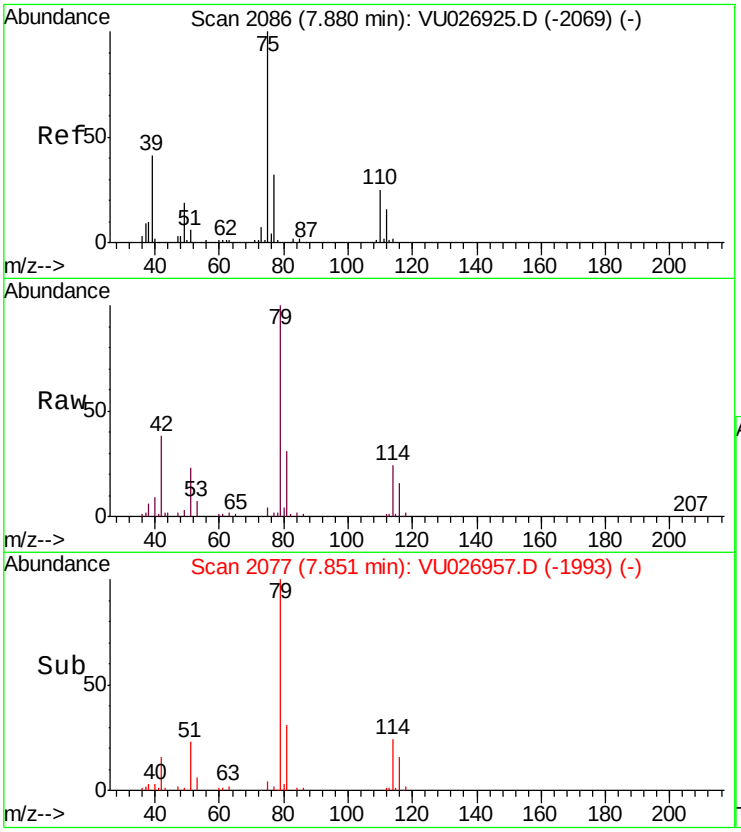


#39
cis-1,3-Dichloropropene
Concen: 1.066 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU026957.D
Acq: 21 Sep 2018 00:47

Tgt Ion: 75 Resp: 2303

Ion	Ratio	Lower	Upper
75	100		
77	58.3	22.1	41.1#



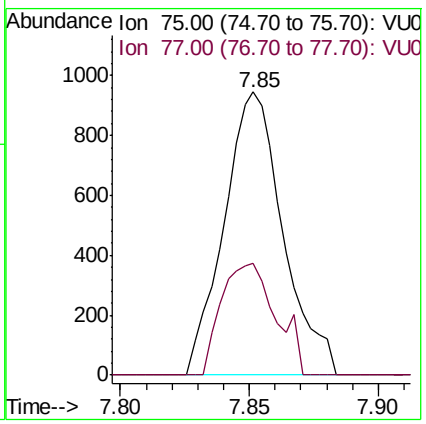


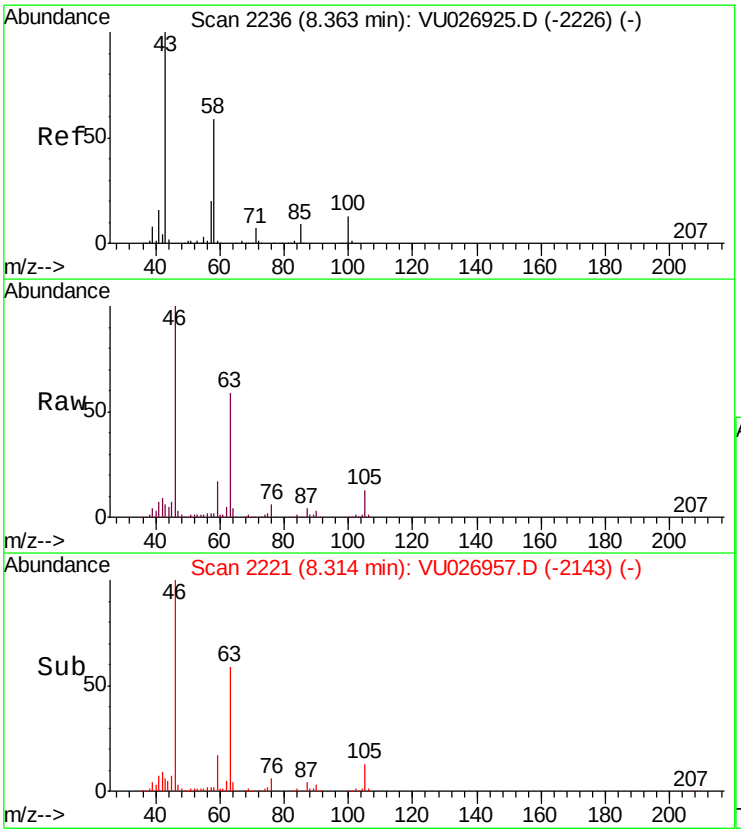
#44
trans-1,3-Dichloropropene
Concen: 0.746 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU026957.D
Acq: 21 Sep 2018 00:47

Instrument :
MSVOA_U
ClientSampleId :
C08Q3

Tgt Ion: 75 Resp: 1509

Ion	Ratio	Lower	Upper
75	100		
77	39.4	22.8	42.4

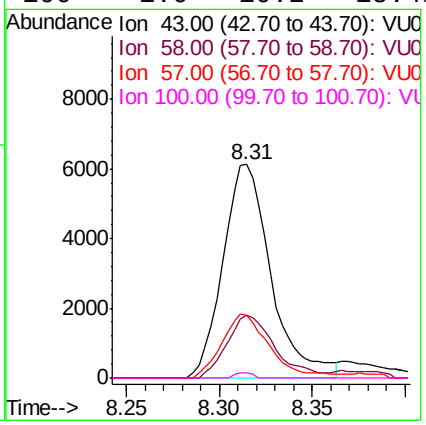


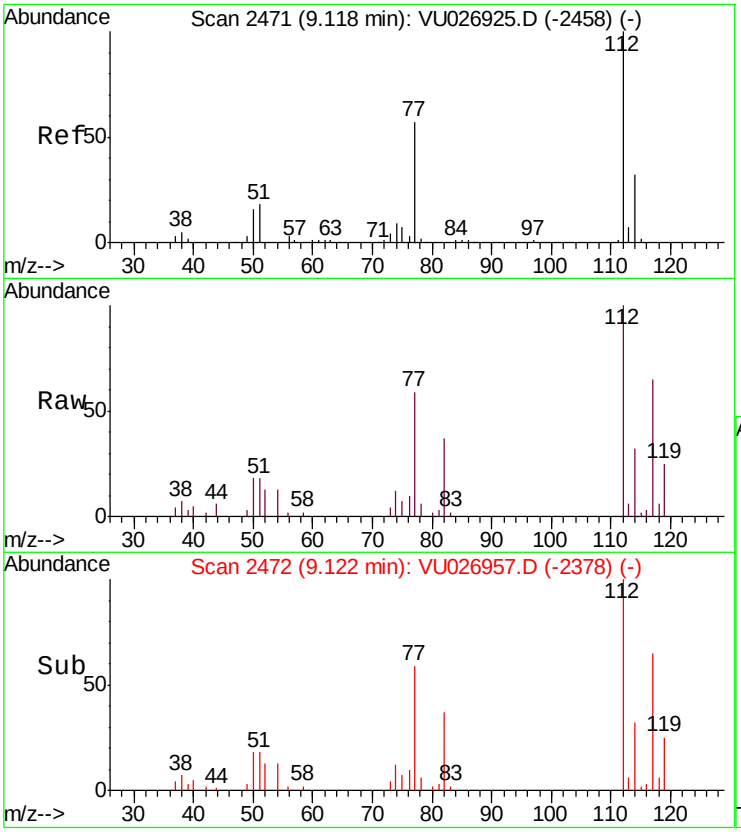


#48
2-Hexanone
Concen: 7.545 ug/L
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU026957.D
Acq: 21 Sep 2018 00:47

Tgt Ion: 43 Resp: 11057

Ion	Ratio	Lower	Upper
43	100		
58	29.1	44.9	67.3#
57	29.7	15.4	23.2#
100	1.0	10.2	15.4#



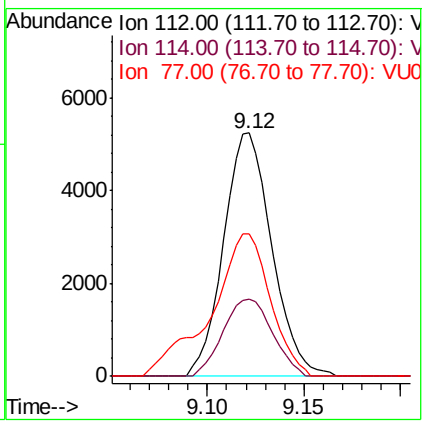


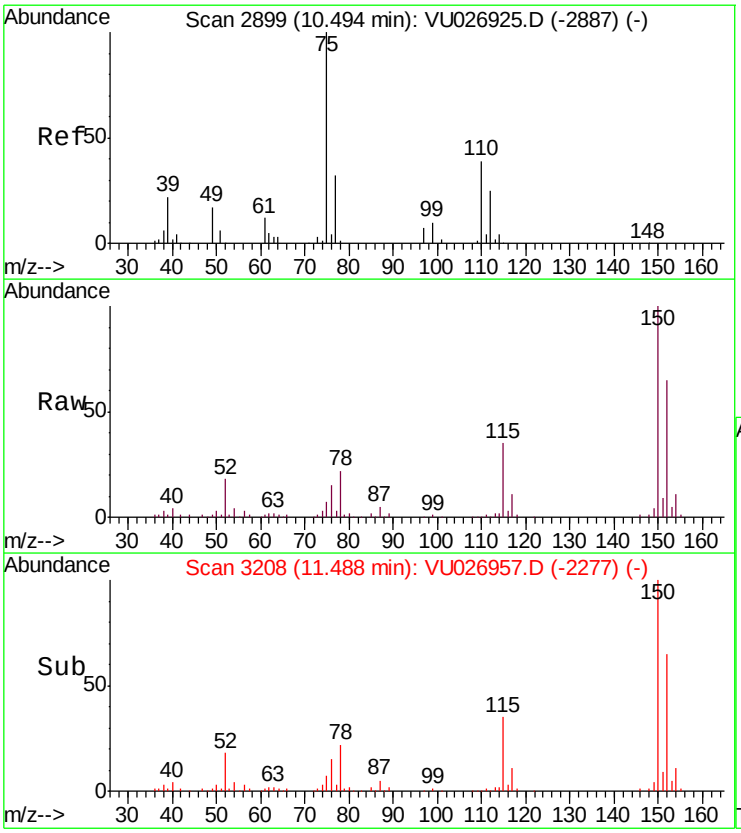
#51
Chlorobenzene
Concen: 2.380 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026957.D
Acq: 21 Sep 2018 00:47

Instrument : MSVOA_U
ClientSampleId : C08Q3

Tgt Ion:112 Resp: 9095

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.3	41.5
77	58.7	45.1	67.7

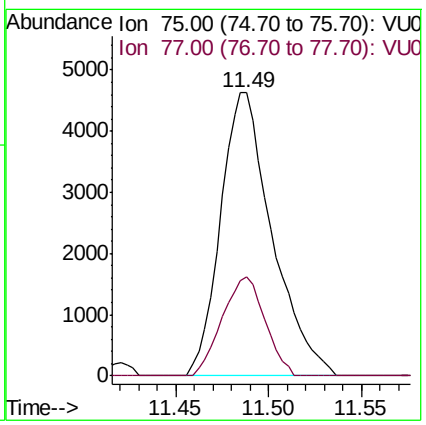


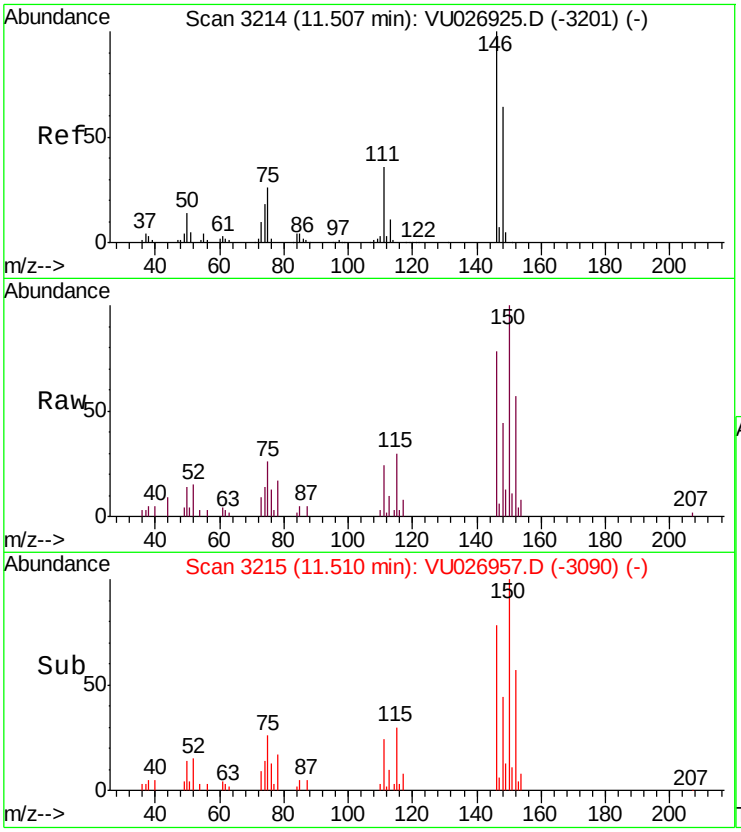


#59
1,2,3-Trichloropropane
Concen: 4.879 ug/L
RT: 11.49 min Scan# 3208
Delta R.T. 0.99 min
Lab File: VU026957.D
Acq: 21 Sep 2018 00:47

Tgt Ion: 75 Resp: 8936

Ion	Ratio	Lower	Upper
75	100		
77	29.0	25.5	38.3



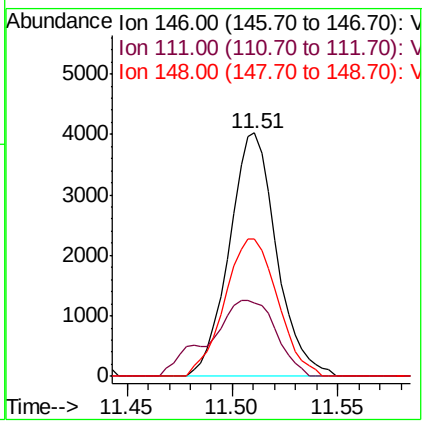


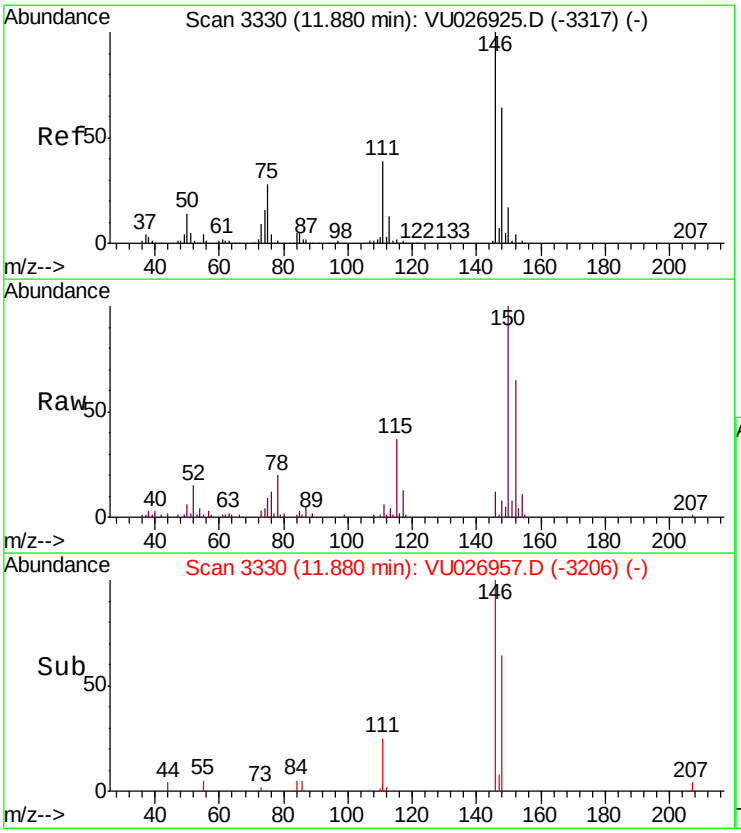
#63
1,4-Dichlorobenzene
Concen: 2.791 ug/L
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU026957.D
Acq: 21 Sep 2018 00:47

Instrument :
MSVOA_U
ClientSampleId :
C08Q3

Tgt Ion:146 Resp: 6264

Ion	Ratio	Lower	Upper
146	100		
111	30.4	26.0	48.2
148	56.5	45.8	85.2





#65
1,2-Dichlorobenzene
Concen: 1.926 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU026957.D
Acq: 21 Sep 2018 00:47

Tgt Ion:146 Resp: 4347

Ion	Ratio	Lower	Upper
146	100		
111	45.2	31.4	47.0
148	68.1	51.4	77.2