Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

Quantitation Report (Not Reviewed)

Data File : VU030367.D
Acq On : 24 Mar 2019 13:51
Operator : JC/SP
Sample : K2016-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0978

Quant Time: Mar 25 03:24:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 03:20:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	404895	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	381795	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	161229	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	141527	43.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.86%			
7) Chloroethane-d5	1.68	69	117113	45.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.68%			
11) 1,1-Dichloroethene-d2	2.27	63	204979	33.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.32%			
21) 2-Butanone-d5	4.17	46	279479	91.24	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.24%			
24) Chloroform-d	4.64	84	257118	45.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.60%			
26) 1,2-Dichloroethane-d4	5.31	65	174366	47.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.92%			
32) Benzene-d6	5.34	84	536007	48.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.92%			
36) 1,2-Dichloropropane-d6	6.33	67	189935	50.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.40%			
41) Toluene-d8	7.56	98	459096	46.69	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.38%			
43) trans-1,3-Dichloropropene-	7.85	79	74014	42.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.04%			
47) 2-Hexanone-d5	8.31	63	181508	89.41	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.41%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	252415	47.09	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.18%			
64) 1,2-Dichlorobenzene-d4	11.86	152	160571	49.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.40%			

Target Compounds						Qvalue
8) Chloroethane	1.59	64	2085	0.780	ug/L #	53
12) 1,1-Dichloroethene	2.27	96	1792	0.619	ug/L #	1
13) Acetone	2.32	43	6623	2.138	ug/L	97
27) 1,2-Dichloroethane	5.39	62	13697	2.944	ug/L #	75
33) Benzene	5.39	78	1609642	123.850	ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	3051	0.654	ug/L	97
48) 2-Hexanone	8.31	43	22790	4.488	ug/L #	72
51) Chlorobenzene	9.12	112	1192474	145.872	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	28387	5.384	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	294460	54.248	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	236860	44.427	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	14945	4.358	ug/L #	90

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

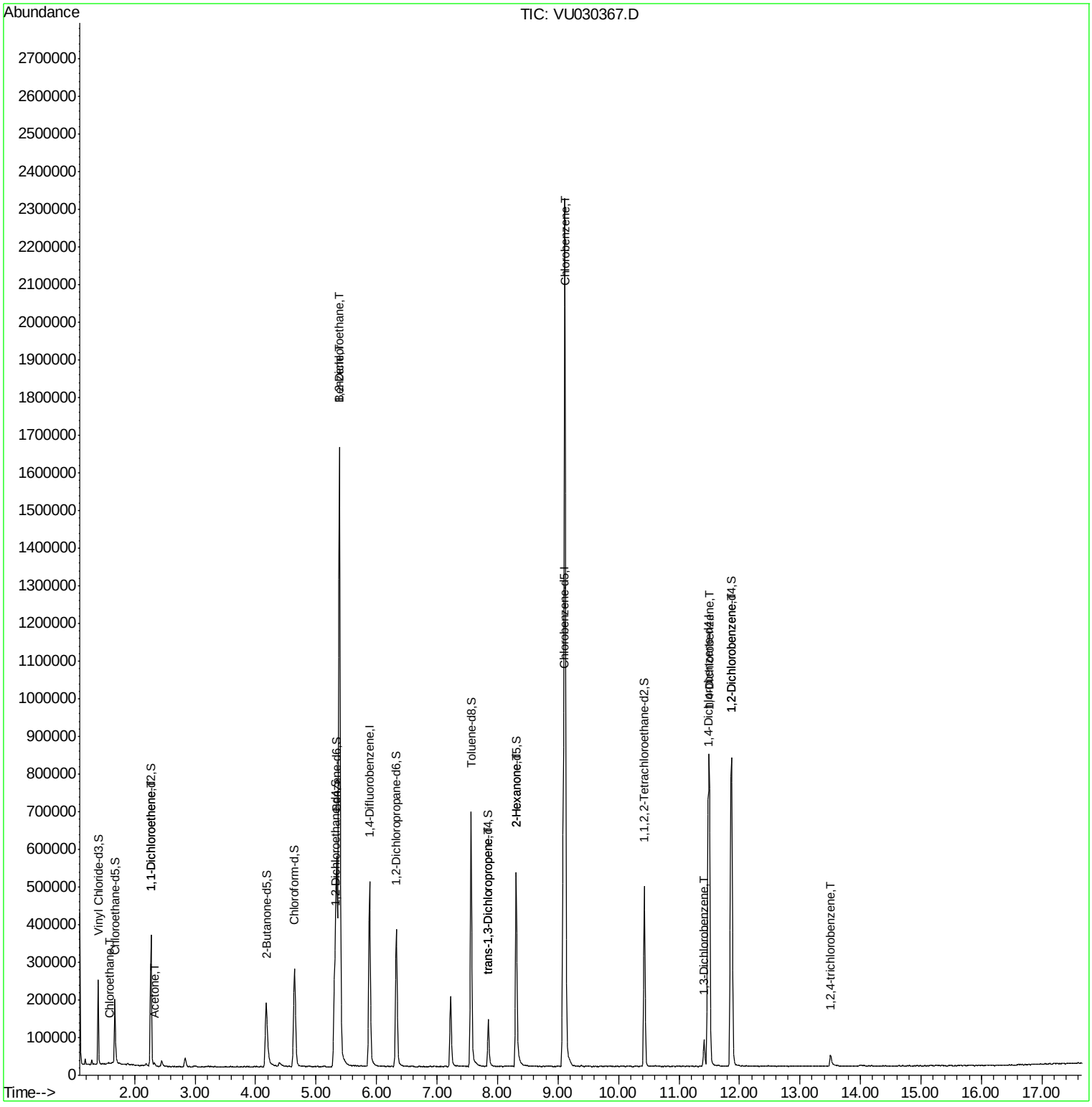
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

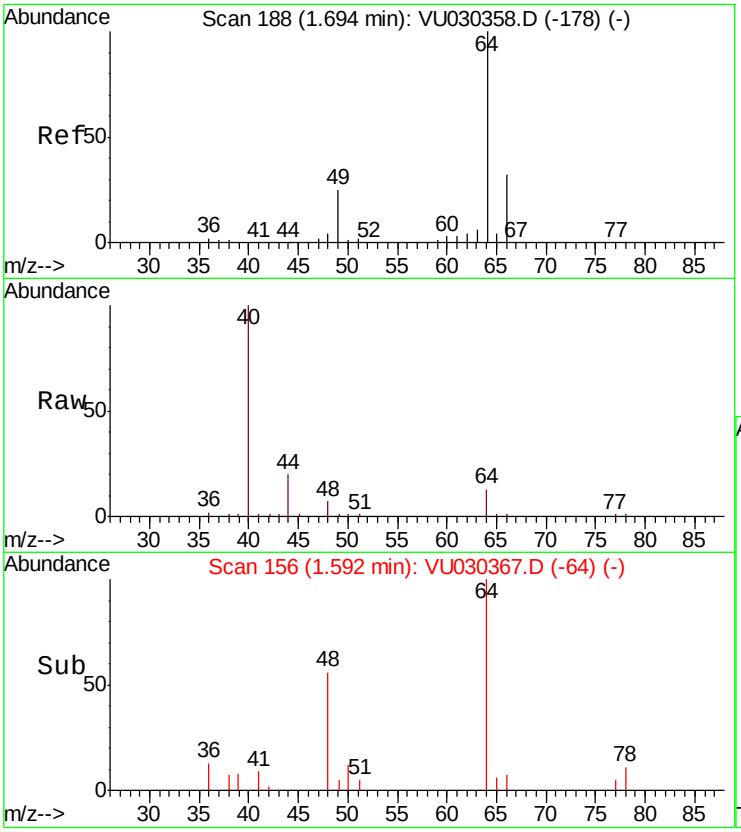
Quantitation Report (Not Reviewed)

Data File : VU030367.D
Acq On : 24 Mar 2019 13:51
Operator : JC/SP
Sample : K2016-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0978

Quant Time: Mar 25 03:24:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 03:20:51 2019
Response via : Initial Calibration



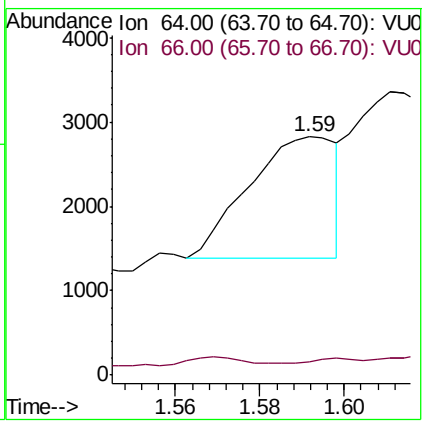


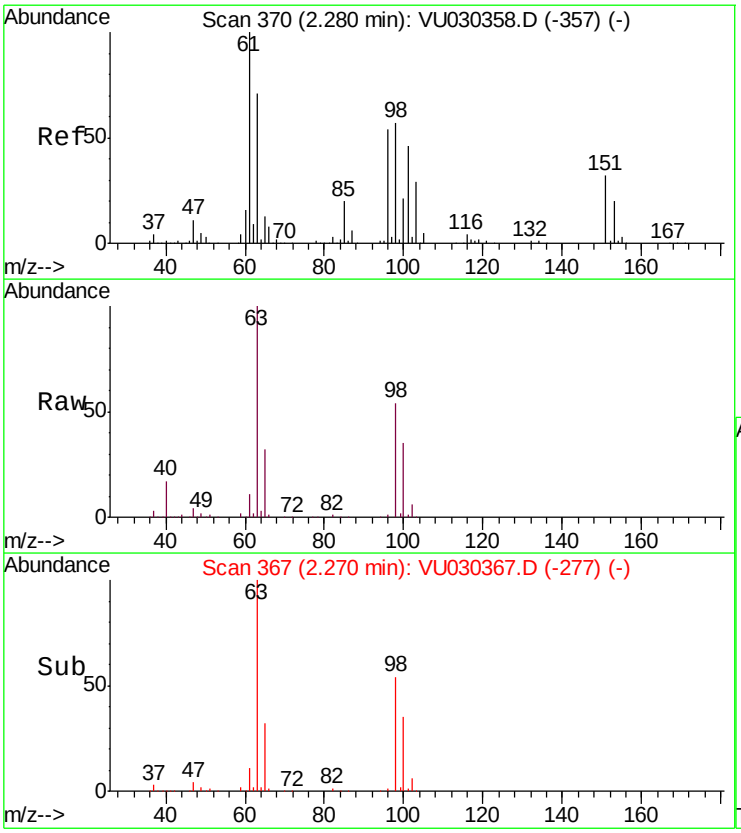
#8
Chloroethane
Concen: 0.780 ug/L
RT: 1.59 min Scan# 156
Delta R.T. -0.10 min
Lab File: VU030367.D
Acq: 24 Mar 2019 13:51

Instrument : MSVOA_U
ClientSampleId : C0978

Tgt Ion: 64 Resp: 2085

Ion	Ratio	Lower	Upper
64	100		
66	5.7	22.5	41.7#

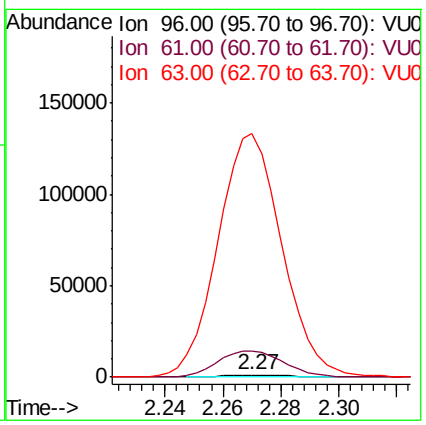


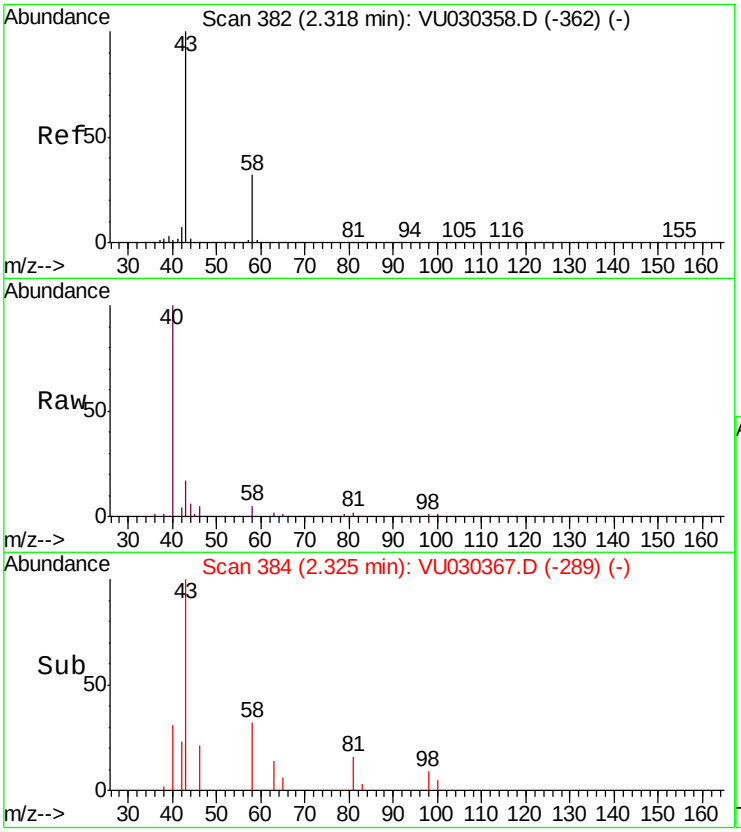


#12
1,1-Dichloroethene
Concen: 0.619 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU030367.D
Acq: 24 Mar 2019 13:51

Tgt Ion: 96 Resp: 1792

Ion	Ratio	Lower	Upper
96	100		
61	1230.5	131.0	243.4#
63	11359.6	92.4	171.6#



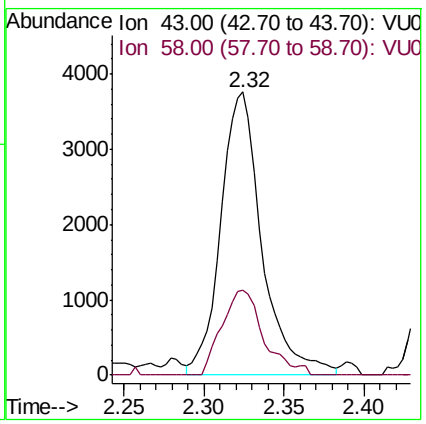


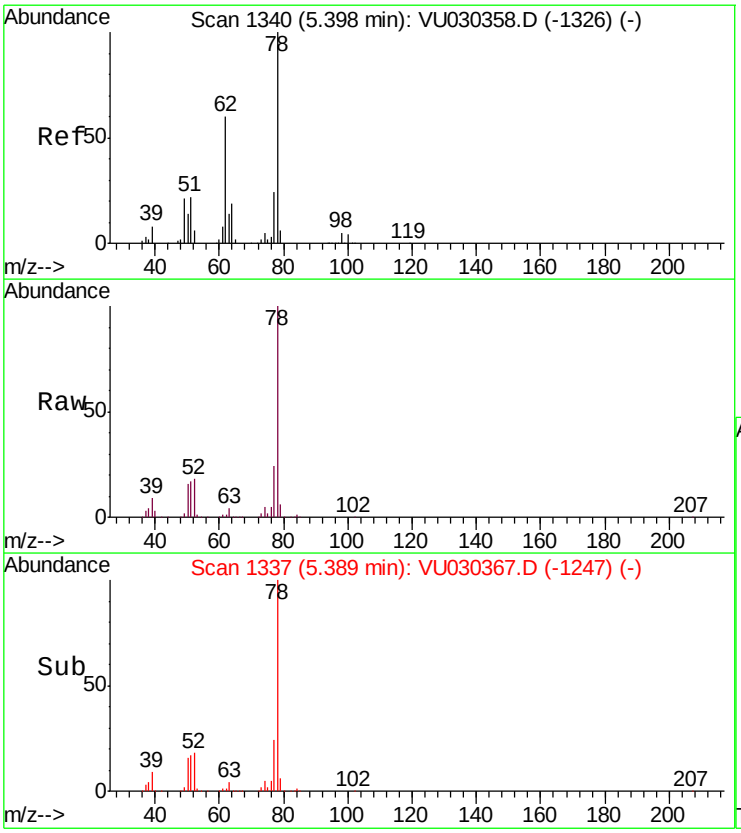
#13
Acetone
Concen: 2.138 ug/L
RT: 2.32 min Scan# 384
Delta R.T. 0.01 min
Lab File: VU030367.D
Acq: 24 Mar 2019 13:51

Instrument : MSVOA_U
ClientSampleId : C0978

Tgt Ion: 43 Resp: 6623

Ion	Ratio	Lower	Upper
43	100		
58	29.6	0.0	62.8

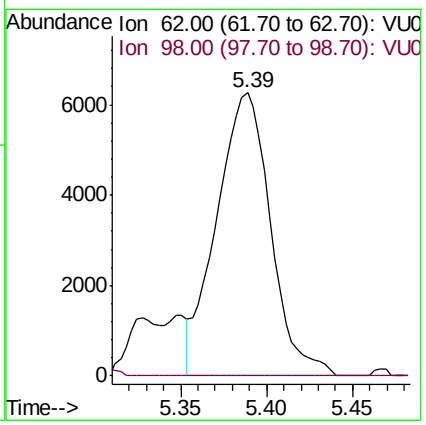


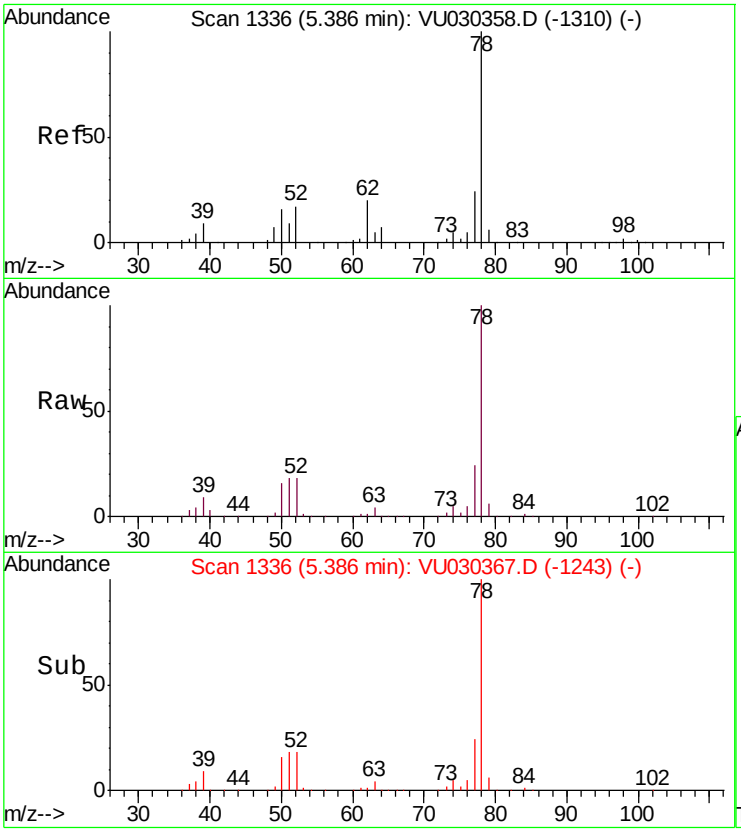


#27
1,2-Dichloroethane
Concen: 2.944 ug/L
RT: 5.39 min Scan# 1337
Delta R.T. -0.01 min
Lab File: VU030367.D
Acq: 24 Mar 2019 13:51

Tgt Ion: 62 Resp: 13697

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#

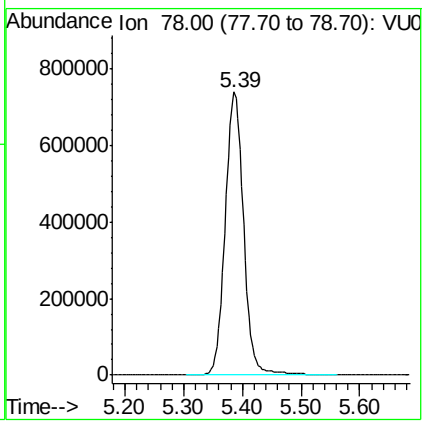


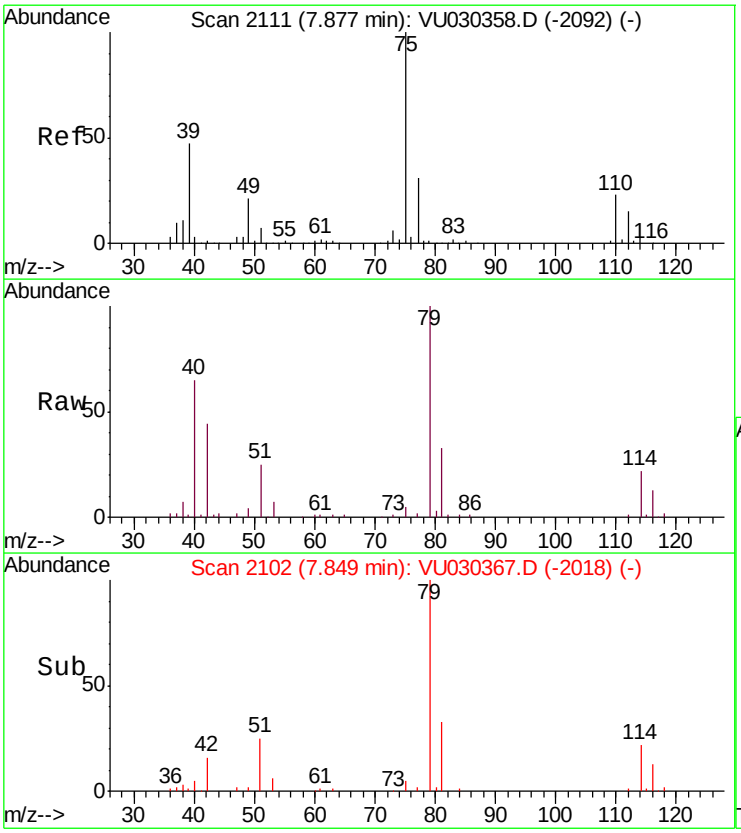


#33
Benzene
Concen: 123.850 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU030367.D
Acq: 24 Mar 2019 13:51

Instrument :
MSVOA_U
ClientSampleId :
C0978

Tgt Ion: 78 Resp: 1609642

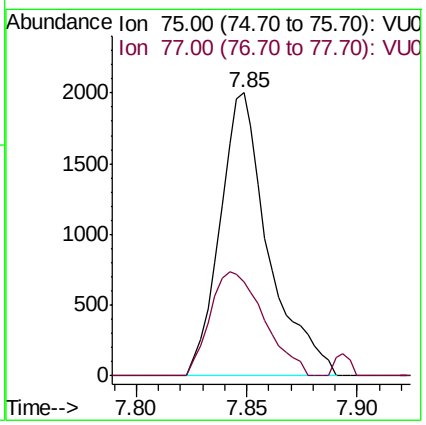


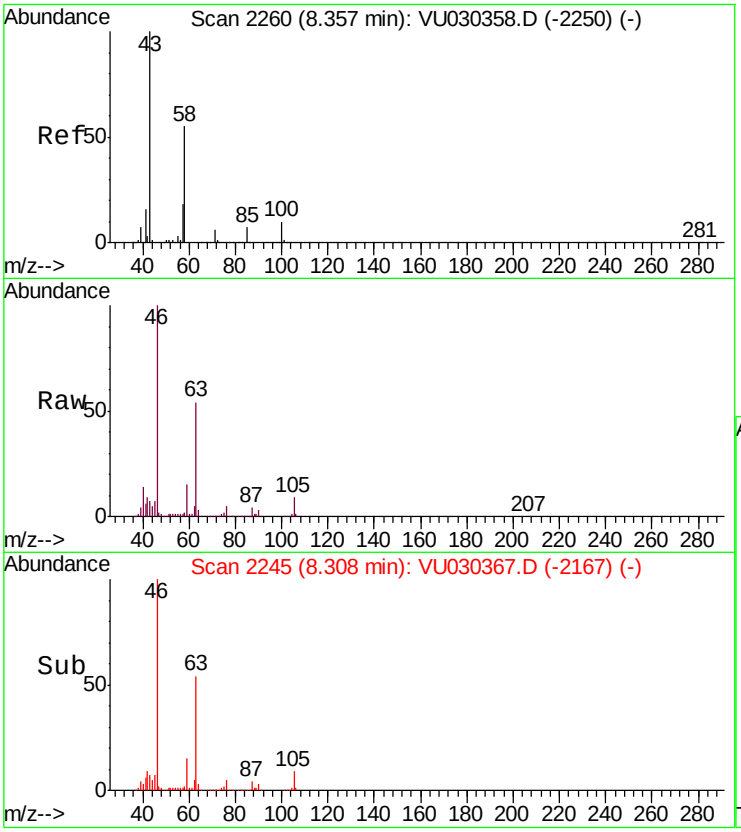


#44
trans-1,3-Dichloropropene
Concen: 0.654 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030367.D
Acq: 24 Mar 2019 13:51

Tgt Ion: 75 Resp: 3051

Ion	Ratio	Lower	Upper
75	100		
77	33.0	22.0	40.8



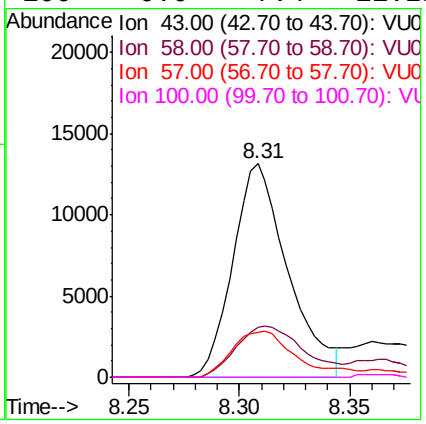


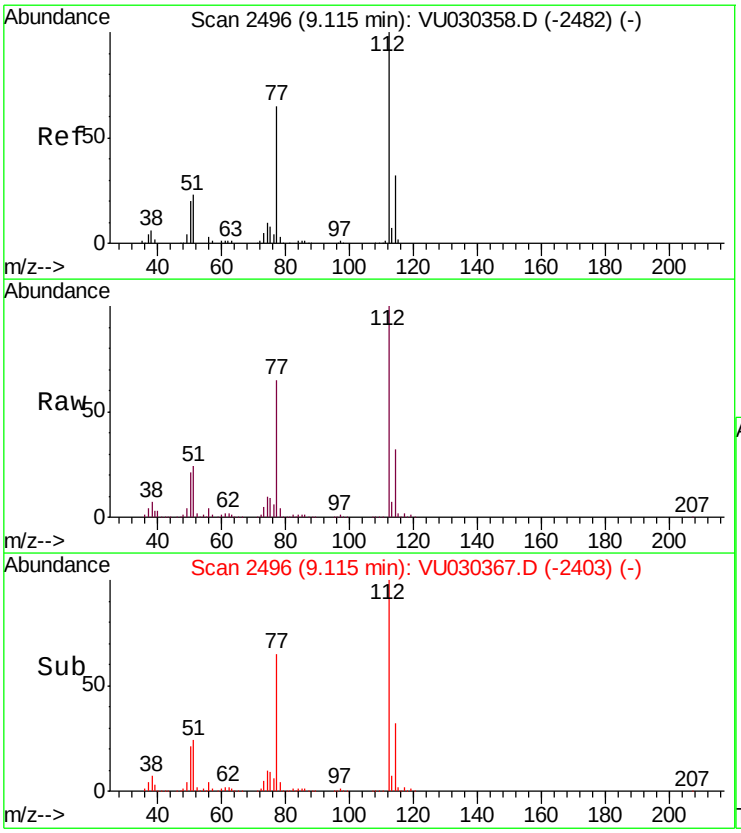
#48
2-Hexanone
Concen: 4.488 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU030367.D
Acq: 24 Mar 2019 13:51

Instrument : MSVOA_U
ClientSampleId : C0978

Tgt Ion: 43 Resp: 22790

Ion	Ratio	Lower	Upper
43	100		
58	29.7	42.5	63.7#
57	25.7	15.0	22.6#
100	0.0	7.4	11.2#

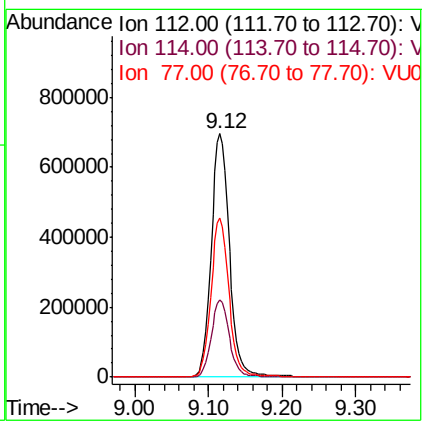


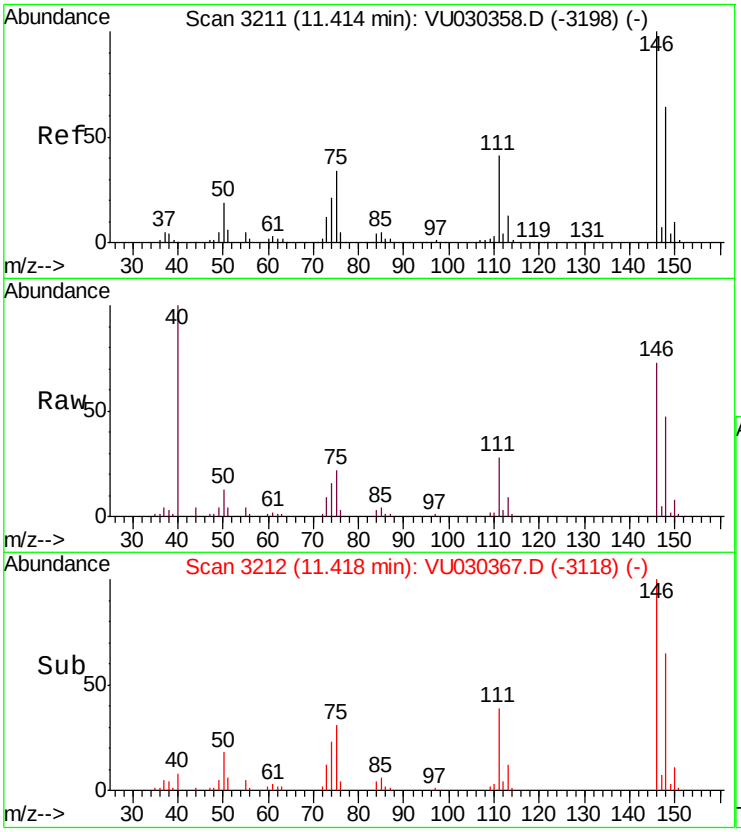


#51
Chlorobenzene
Concen: 145.872 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU030367.D
Acq: 24 Mar 2019 13:51

Tgt Ion:112 Resp: 1192474

Ion	Ratio	Lower	Upper
112	100		
114	31.8	21.5	39.9
77	65.3	51.4	77.0



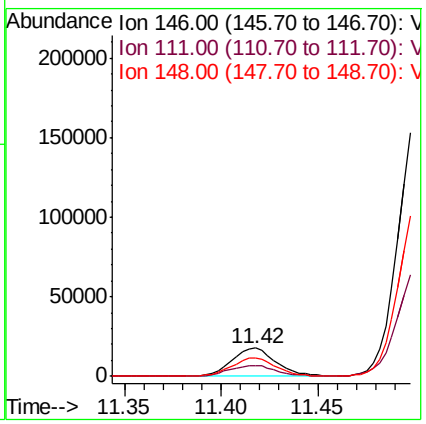


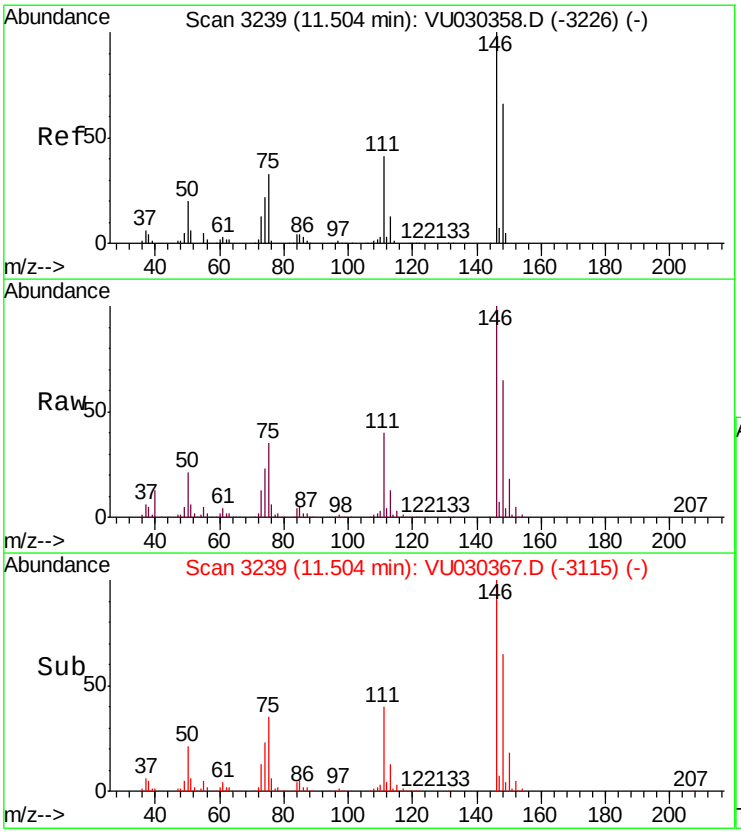
#62
1,3-Dichlorobenzene
Concen: 5.384 ug/L
RT: 11.42 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VU030367.D
Acq: 24 Mar 2019 13:51

Instrument :
MSVOA_U
ClientSampleId :
C0978

Tgt Ion:146 Resp: 28387

Ion	Ratio	Lower	Upper
146	100		
111	39.1	29.2	54.2
148	65.2	44.4	82.4

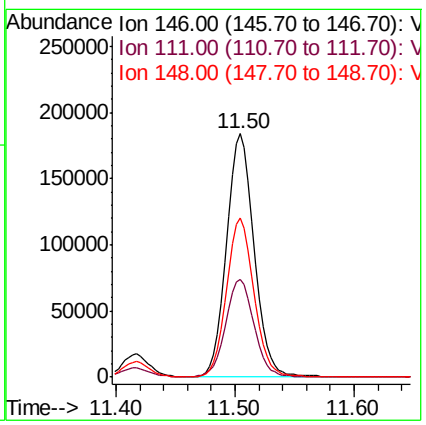


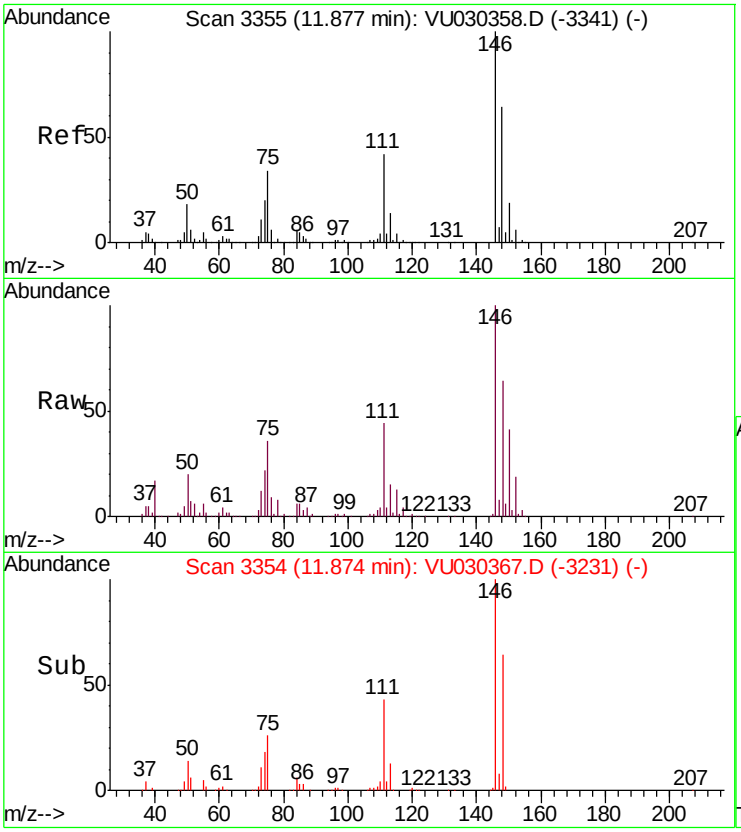


#63
1,4-Dichlorobenzene
Concen: 54.248 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU030367.D
Acq: 24 Mar 2019 13:51

Tgt Ion:146 Resp: 294460

Ion	Ratio	Lower	Upper
146	100		
111	40.3	28.7	53.3
148	65.5	44.3	82.3



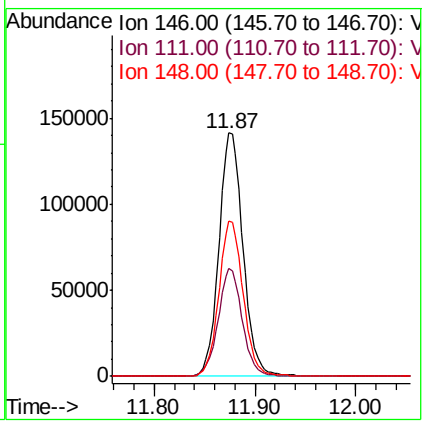


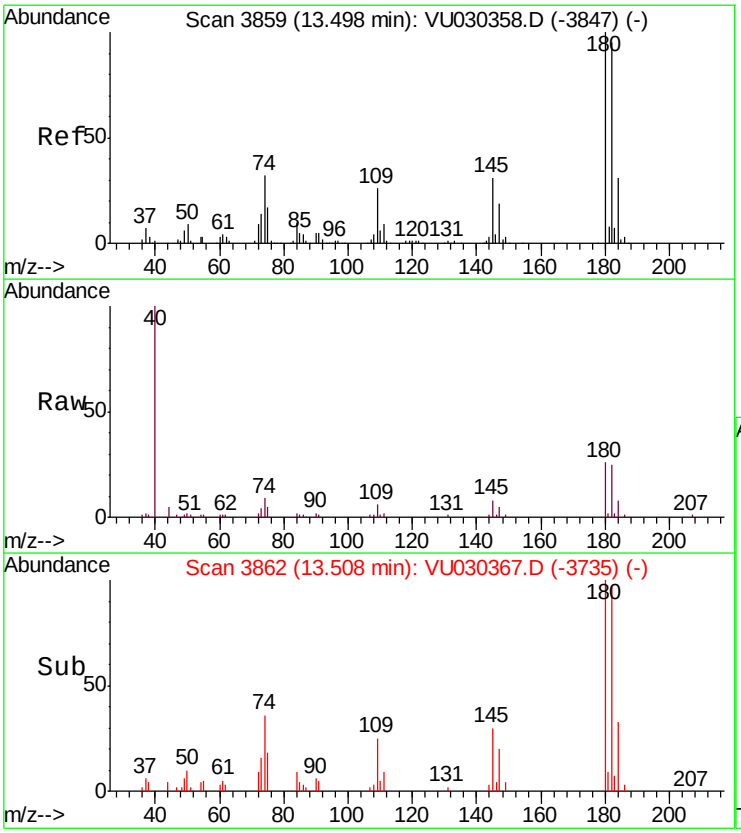
#65
1,2-Dichlorobenzene
Concen: 44.427 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VU030367.D
Acq: 24 Mar 2019 13:51

Instrument : MSVOA_U
ClientSampleId : C0978

Tgt Ion:146 Resp: 236860

Ion	Ratio	Lower	Upper
146	100		
111	44.2	34.9	52.3
148	63.6	51.2	76.8





#68
1,2,4-trichlorobenzene
Concen: 4.358 ug/L
RT: 13.51 min Scan# 3862
Delta R.T. 0.01 min
Lab File: VU030367.D
Acq: 24 Mar 2019 13:51

Tgt Ion:180 Resp: 14945

Ion	Ratio	Lower	Upper
180	100		
182	86.3	76.1	114.1
145	22.7	24.5	36.7#