Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\

Quantitation Report (Not Reviewed)

Data File : VU030083.D
Acq On : 14 Mar 2019 18:52
Operator : JC/SP
Sample : K1859-05DL 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0BR0DL

Quant Time: Mar 15 02:48:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 02:44:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	463311	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	442470	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	219967	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	106480	34.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 69.50%			
7) Chloroethane-d5	1.68	69	100280	40.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 81.08%			
11) 1,1-Dichloroethene-d2	2.27	63	164421	29.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.44%#			
21) 2-Butanone-d5	4.17	46	235455	102.55	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.55%			
24) Chloroform-d	4.65	84	255038	46.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.78%			
26) 1,2-Dichloroethane-d4	5.31	65	154480	48.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.28%			
32) Benzene-d6	5.34	84	530228	46.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.10%			
36) 1,2-Dichloropropane-d6	6.33	67	171160	49.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.20%			
41) Toluene-d8	7.56	98	479339	44.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.88%			
43) trans-1,3-Dichloropropene-	7.85	79	76549	45.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.66%			
47) 2-Hexanone-d5	8.31	63	199565	102.31	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.31%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	265832	49.63	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.26%			
64) 1,2-Dichlorobenzene-d4	11.86	152	216607	50.83	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.66%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1915	0.629	ug/L #	22
13) Acetone	2.32	43	2537	0.945	ug/L	89
33) Benzene	5.39	78	113178	8.939	ug/L	100
48) 2-Hexanone	8.36	43	4056	1.057	ug/L #	60
51) Chlorobenzene	9.12	112	470709	50.718	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	20301	2.858	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	173978	24.086	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	232064	32.454	ug/L	98
67) 1,3,5-Trichlorobenzene	13.50	180	21367	3.875	ug/L	90
68) 1,2,4-trichlorobenzene	13.50	180	21367	4.237	ug/L	88
70) 1,2,3-Trichlorobenzene	14.00	180	7452	1.422	ug/L	91

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

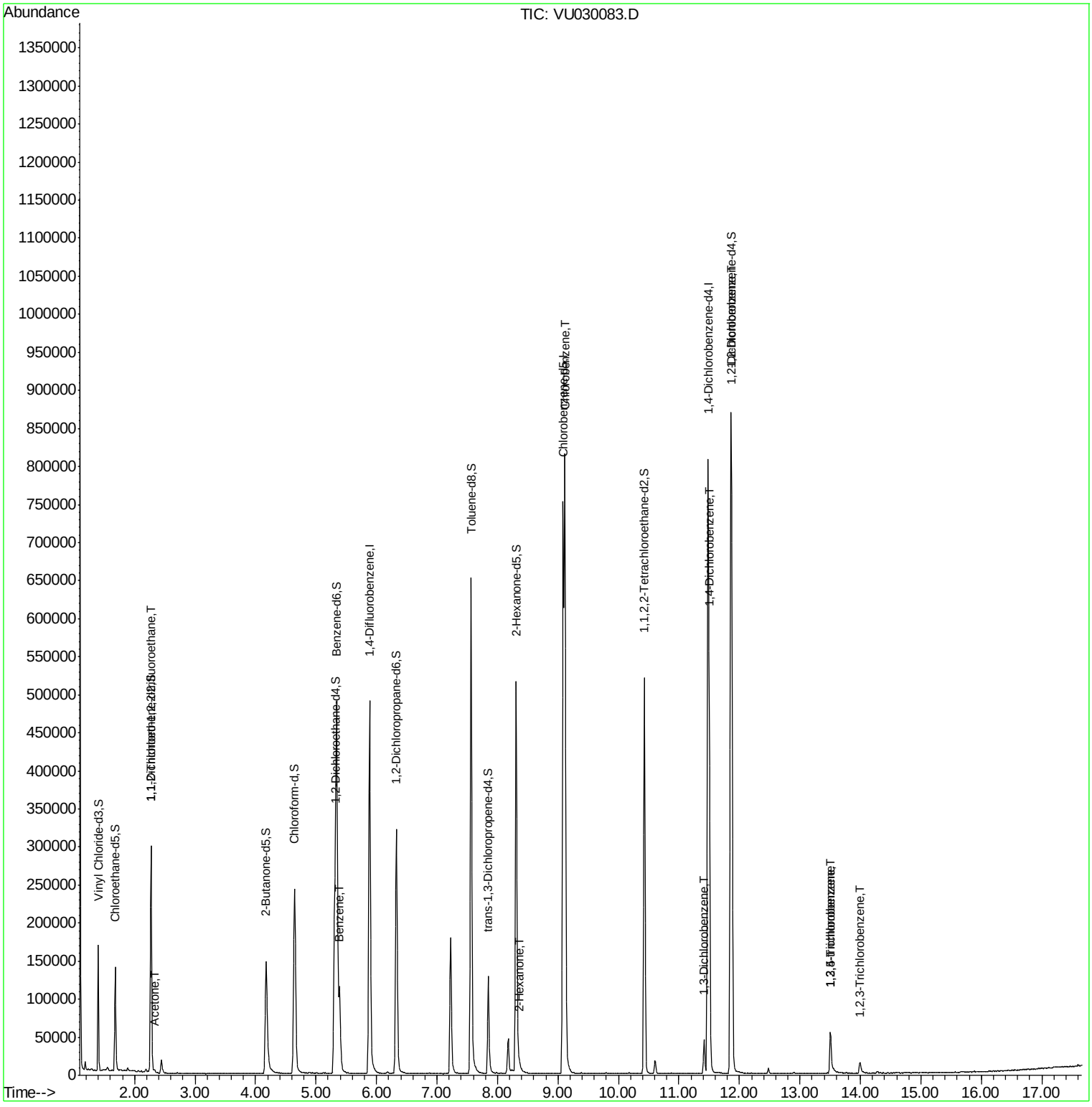
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\

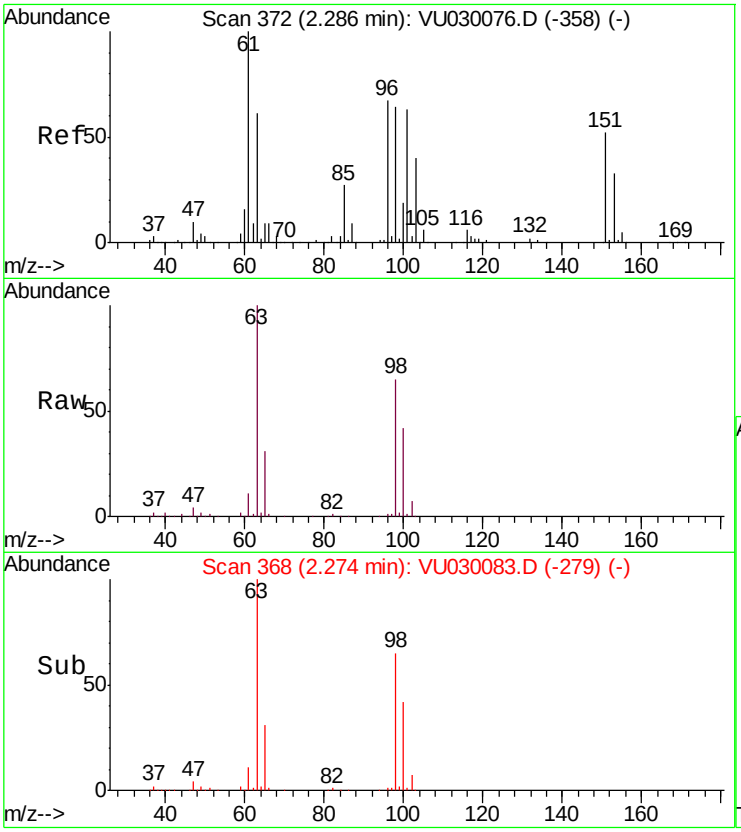
Quantitation Report (Not Reviewed)

Data File : VU030083.D
Acq On : 14 Mar 2019 18:52
Operator : JC/SP
Sample : K1859-05DL 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BR0DL

Quant Time: Mar 15 02:48:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 02:44:49 2019
Response via : Initial Calibration



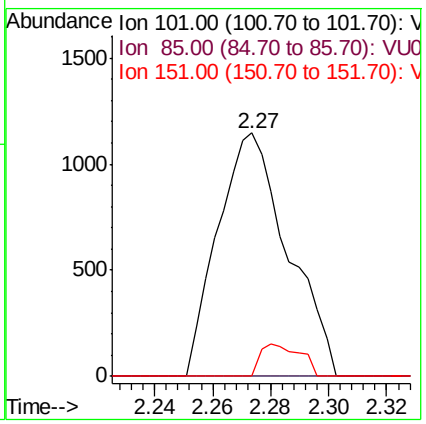


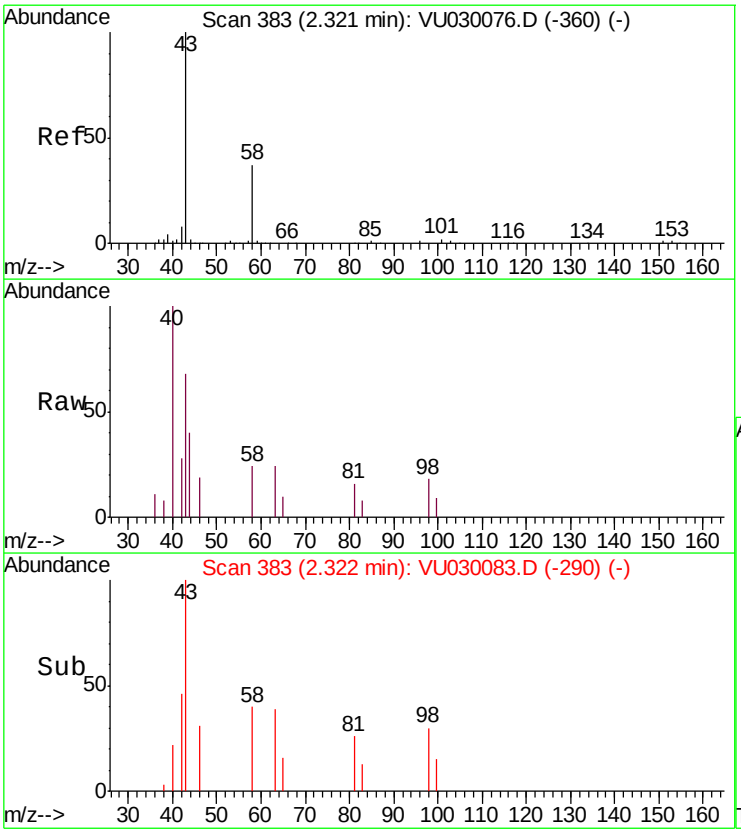
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.629 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU030083.D
Acq: 14 Mar 2019 18:52

Instrument :
MSVOA_U
ClientSampleId :
C0BR0DL

Tgt Ion:101 Resp: 1915

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.0	49.4#
151	6.6	66.1	99.1#

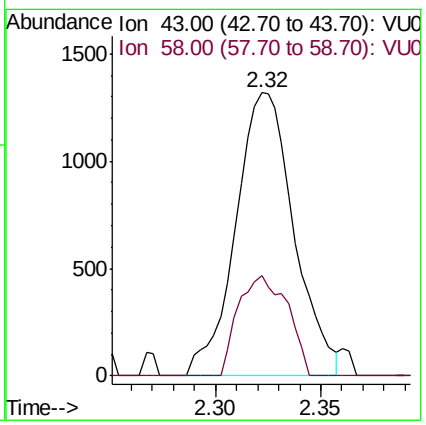


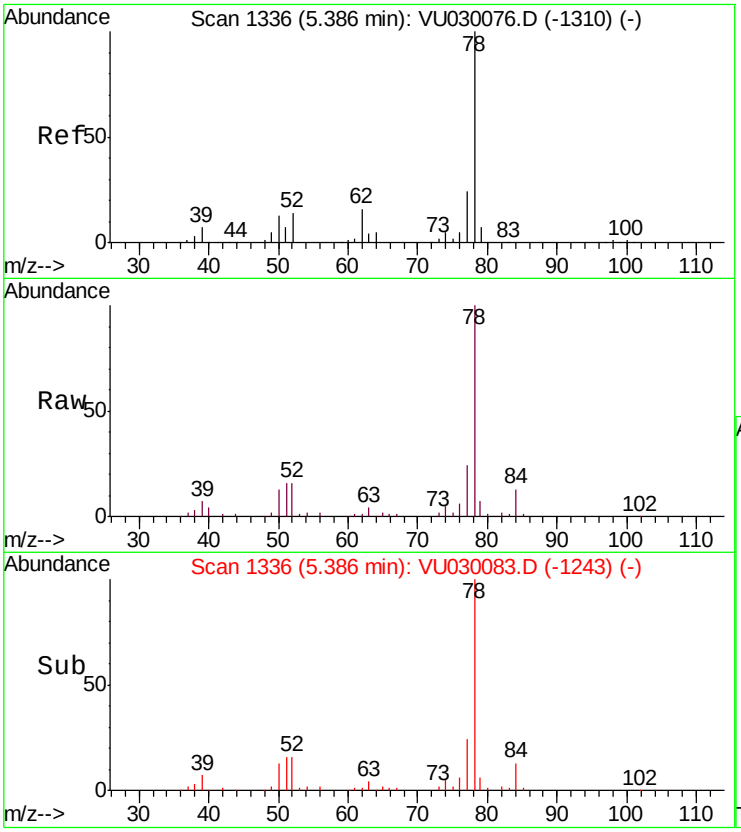


#13
Acetone
Concen: 0.945 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU030083.D
Acq: 14 Mar 2019 18:52

Tgt Ion: 43 Resp: 2537

Ion	Ratio	Lower	Upper
43	100		
58	29.9	0.0	73.0

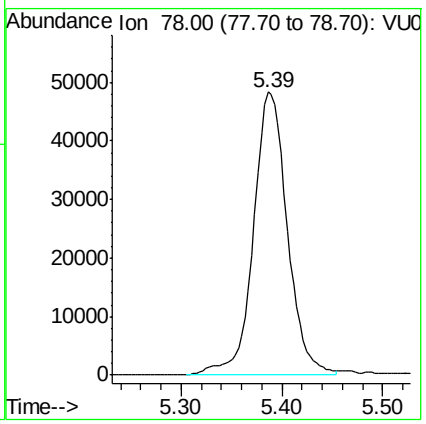


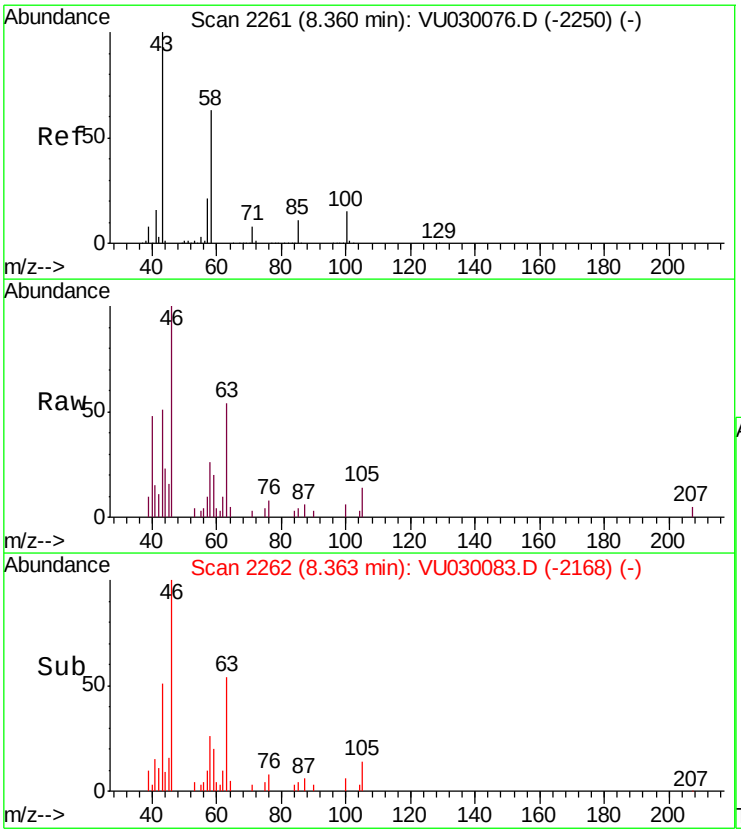


#33
Benzene
Concen: 8.939 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU030083.D
Acq: 14 Mar 2019 18:52

Instrument :
MSVOA_U
ClientSampleId :
C0BR0DL

Tgt Ion: 78 Resp: 113178

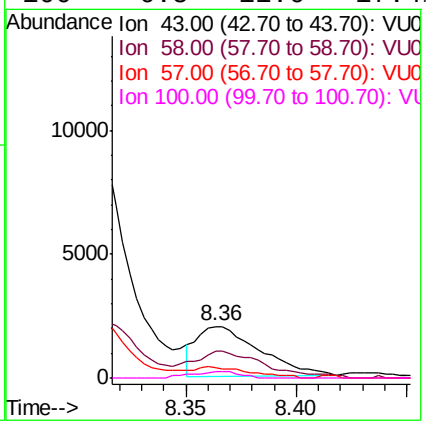


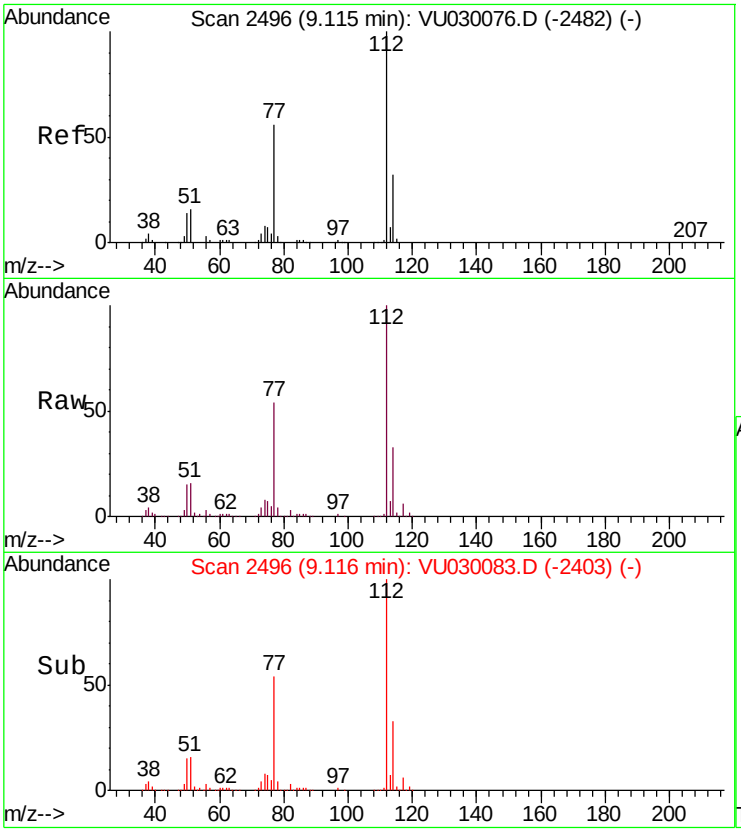


#48
2-Hexanone
Concen: 1.057 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU030083.D
Acq: 14 Mar 2019 18:52

Tgt Ion: 43 Resp: 4056

Ion	Ratio	Lower	Upper
43	100		
58	17.6	48.6	72.8#
57	18.5	16.1	24.1
100	6.5	11.6	17.4#



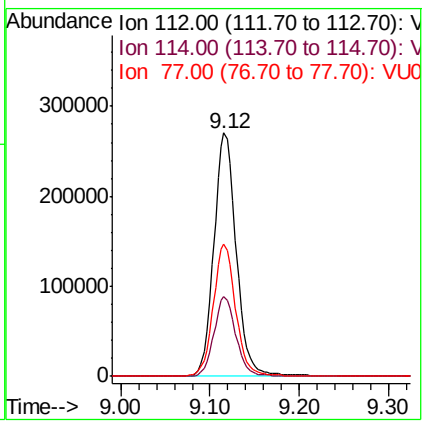


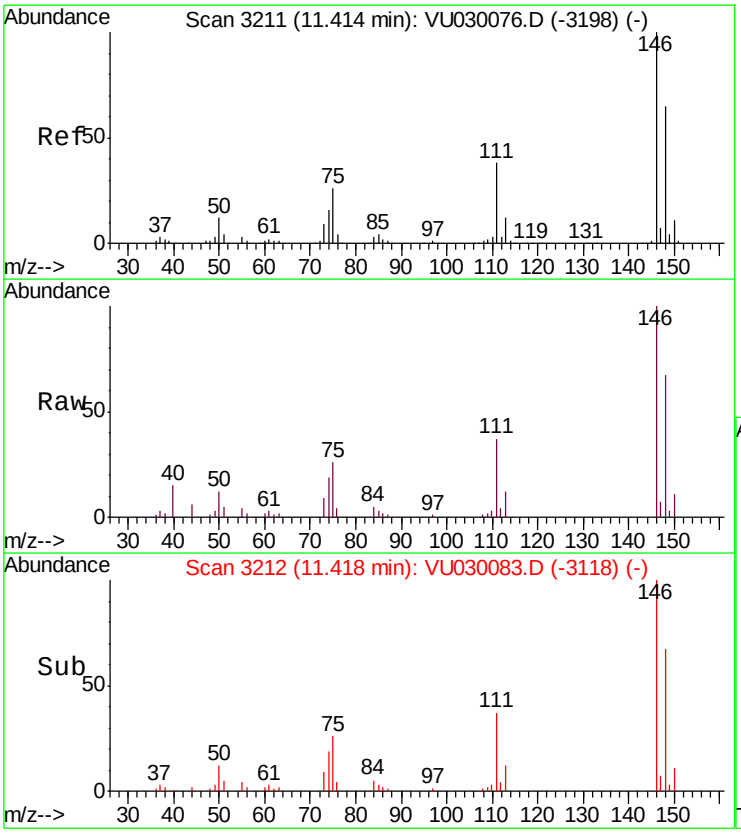
#51
Chlorobenzene
Concen: 50.718 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU030083.D
Acq: 14 Mar 2019 18:52

Instrument : MSVOA_U
ClientSampleId : C0BR0DL

Tgt Ion:112 Resp: 470709

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.5	41.9
77	54.2	44.6	66.8

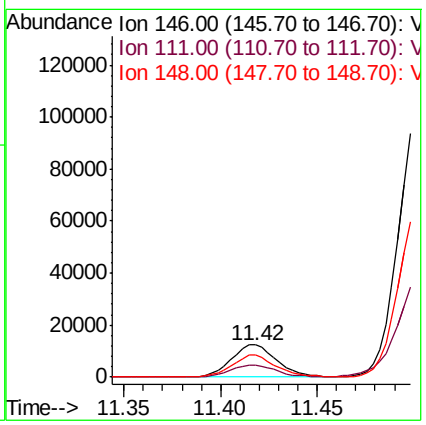


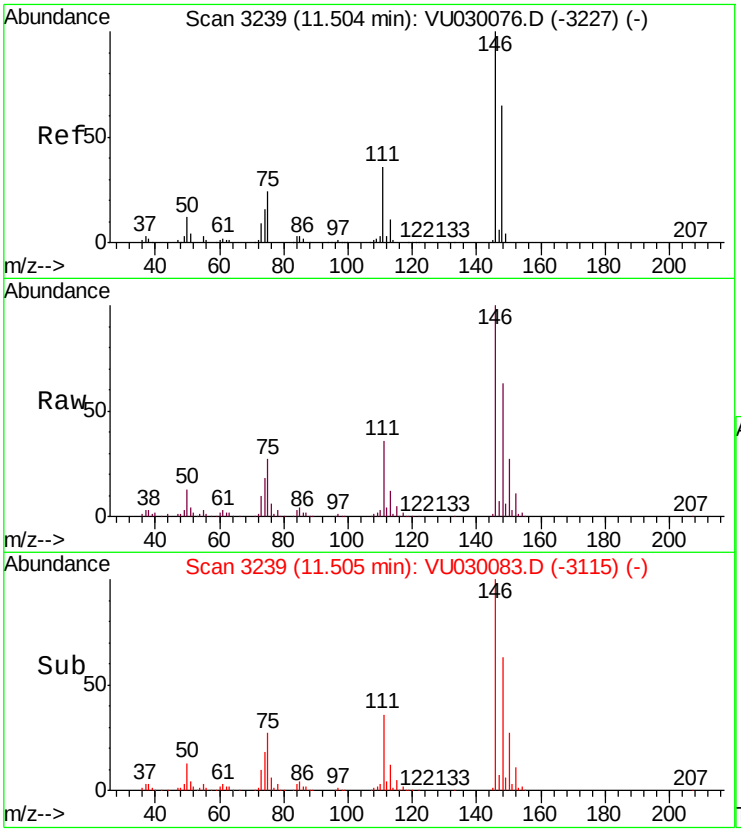


#62
1,3-Dichlorobenzene
Concen: 2.858 ug/L
RT: 11.42 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VU030083.D
Acq: 14 Mar 2019 18:52

Tgt Ion:146 Resp: 20301

Ion	Ratio	Lower	Upper
146	100		
111	36.5	26.7	49.5
148	67.3	44.9	83.5



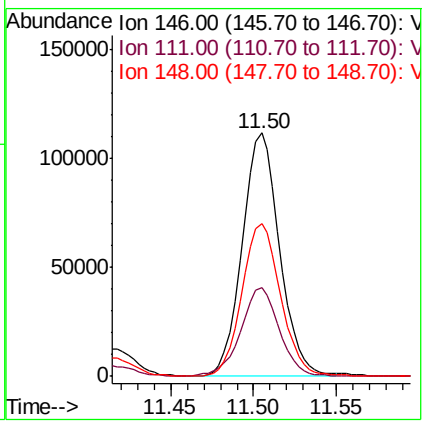


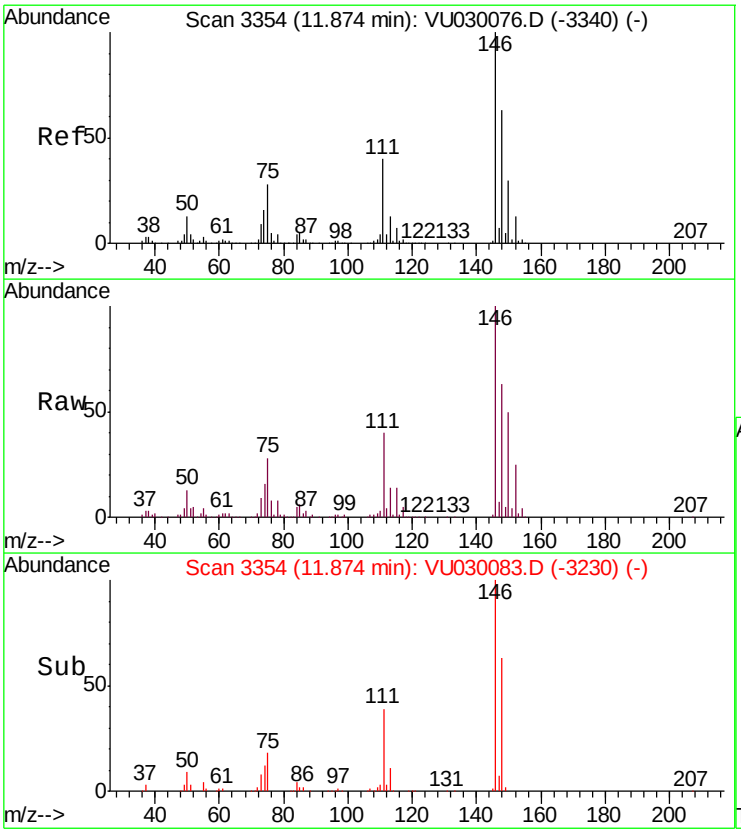
#63
1,4-Dichlorobenzene
Concen: 24.086 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU030083.D
Acq: 14 Mar 2019 18:52

Instrument : MSVOA_U
ClientSampleId : C0BR0DL

Tgt Ion:146 Resp: 173978

Ion	Ratio	Lower	Upper
146	100		
111	36.3	25.5	47.3
148	62.9	45.0	83.6

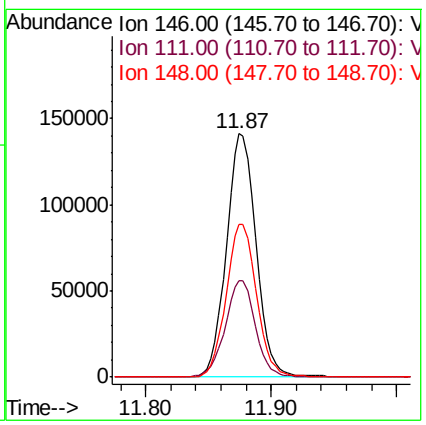


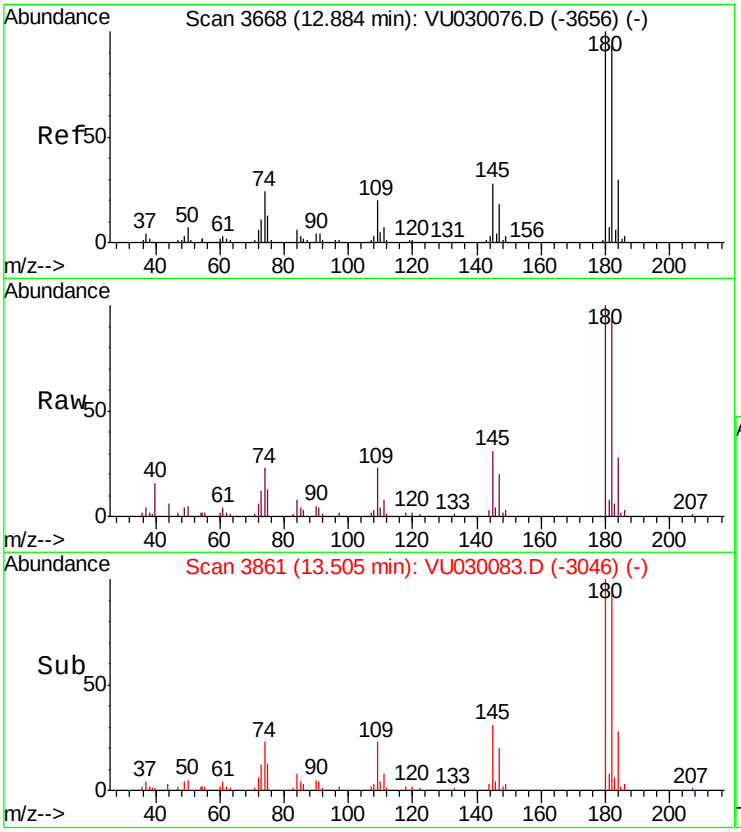


#65
1,2-Dichlorobenzene
Concen: 32.454 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. 0.00 min
Lab File: VU030083.D
Acq: 14 Mar 2019 18:52

Tgt Ion:146 Resp: 232064

Ion	Ratio	Lower	Upper
146	100		
111	39.9	30.9	46.3
148	62.9	51.2	76.8



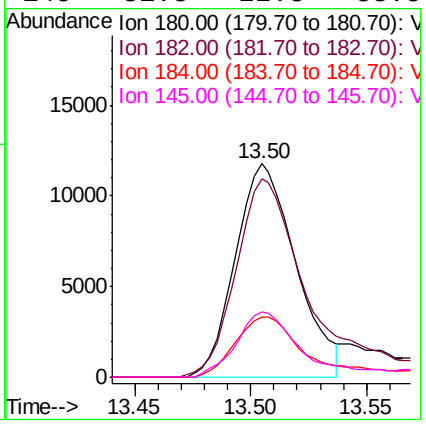


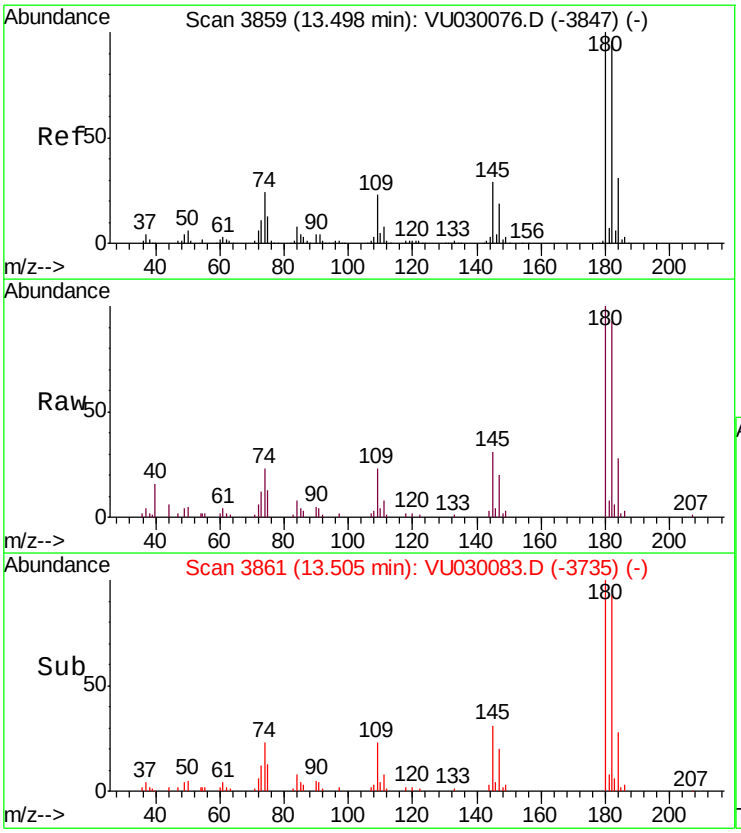
#67
1,3,5-Trichlorobenzene
Concen: 3.875 ug/L
RT: 13.50 min Scan# 3861
Delta R.T. 0.62 min
Lab File: VU030083.D
Acq: 14 Mar 2019 18:52

Instrument :
MSVOA_U
ClientSampleId :
C0BR0DL

Tgt Ion:180 Resp: 21367

Ion	Ratio	Lower	Upper
180	100		
182	108.6	76.3	114.5
184	32.6	24.7	37.1
145	31.3	22.3	33.5

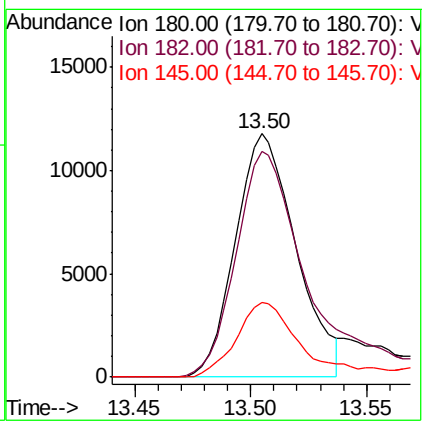


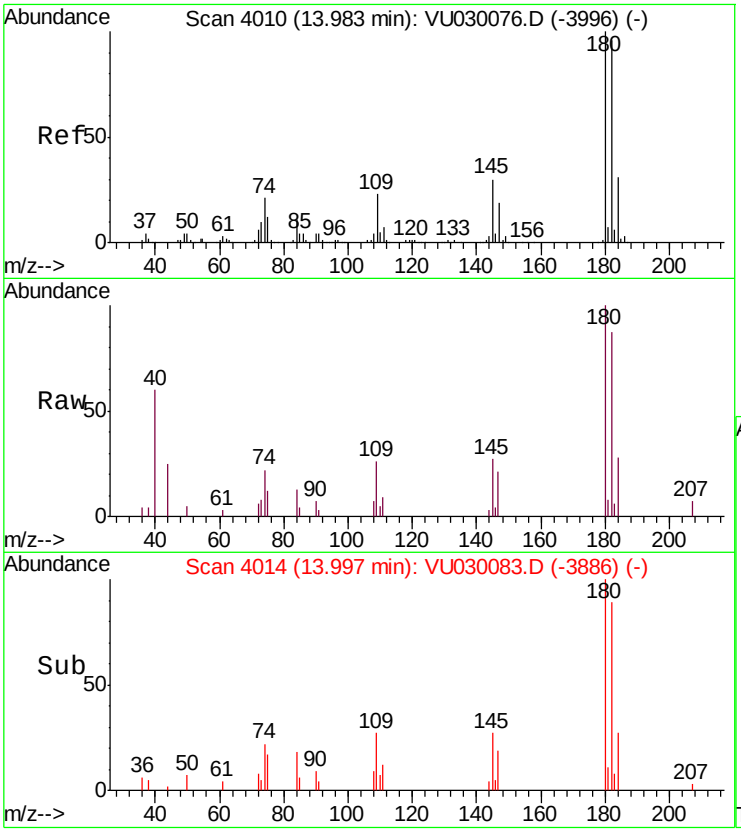


#68
1,2,4-trichlorobenzene
Concen: 4.237 ug/L
RT: 13.50 min Scan# 3861
Delta R.T. 0.01 min
Lab File: VU030083.D
Acq: 14 Mar 2019 18:52

Tgt Ion:180 Resp: 21367

Ion	Ratio	Lower	Upper
180	100		
182	108.6	76.1	114.1
145	31.3	23.0	34.4





#70
1,2,3-Trichlorobenzene
Concen: 1.422 ug/L
RT: 14.00 min Scan# 4014
Delta R.T. 0.01 min
Lab File: VU030083.D
Acq: 14 Mar 2019 18:52

Instrument :
MSVOA_U
ClientSampleId :
C0BR0DL

Tgt Ion:180 Resp: 7452

Ion	Ratio	Lower	Upper
180	100		
182	103.4	75.9	113.9
145	25.6	24.0	36.0