Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032719\
Data File : VU030493.D
Acq On : 27 Mar 2019 19:07
Operator : JC/SP
Sample : K2022-12RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09C7RE

Quant Time: Mar 28 03:52:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 02:45:06 2019
Response via : Initial Calibration

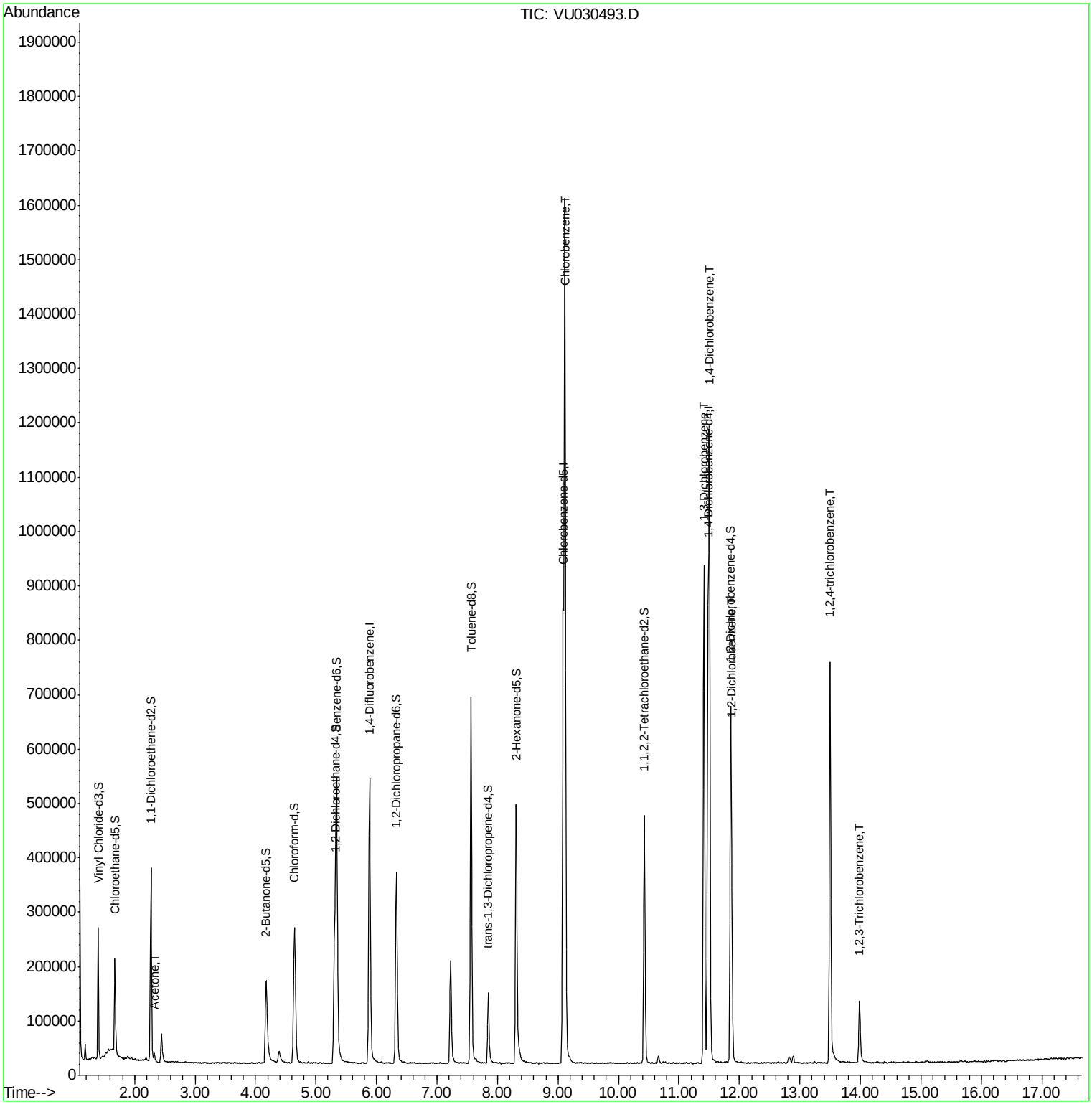
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	424048	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	407862	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	183039	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	150692	44.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.32%			
7) Chloroethane-d5	1.68	69	122482	45.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.56%			
11) 1,1-Dichloroethene-d2	2.27	63	211799	32.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.44%			
21) 2-Butanone-d5	4.17	46	257229	80.18	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 80.18%			
24) Chloroform-d	4.64	84	251585	42.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.58%			
26) 1,2-Dichloroethane-d4	5.31	65	171167	44.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.98%			
32) Benzene-d6	5.34	84	521161	44.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.12%			
36) 1,2-Dichloropropane-d6	6.33	67	180779	45.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.34%			
41) Toluene-d8	7.56	98	456529	43.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.92%			
43) trans-1,3-Dichloropropene-	7.85	79	76098	40.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.88%			
47) 2-Hexanone-d5	8.31	63	165966	76.53	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 76.53%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	236001	41.21	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 82.42%			
64) 1,2-Dichlorobenzene-d4	11.86	152	157915	43.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.12%			
Target Compounds						Qvalue
13) Acetone	2.32	43	13213	4.073	ug/L	95
51) Chlorobenzene	9.12	112	796957	91.259	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	360365	60.203	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	422062	68.491	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	68475	11.313	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	231673	59.501	ug/L	98
70) 1,2,3-Trichlorobenzene	13.98	180	40920	9.953	ug/L	94

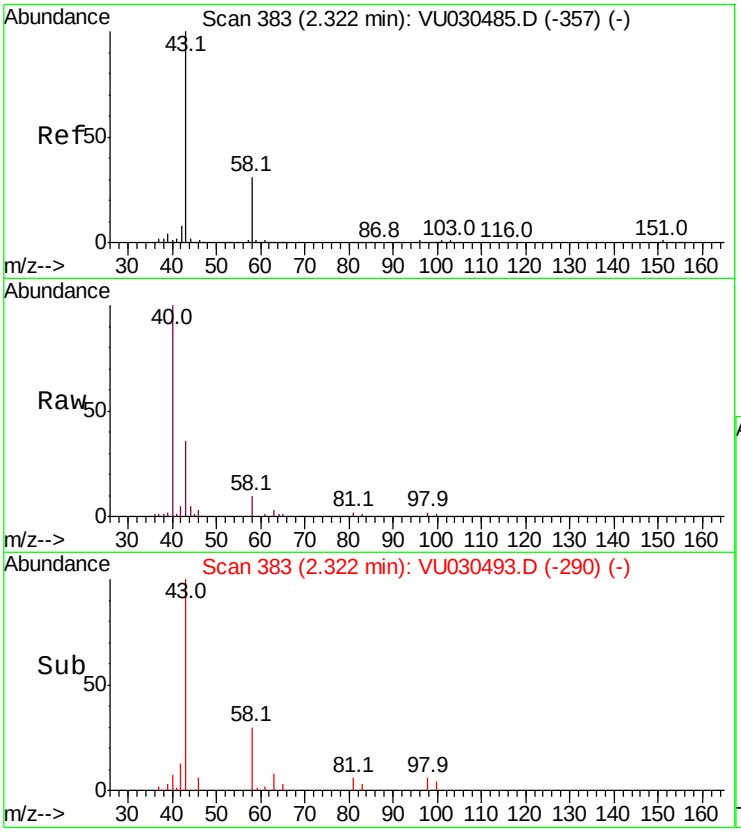
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032719\
Data File : VU030493.D
Acq On : 27 Mar 2019 19:07
Operator : JC/SP
Sample : K2022-12RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09C7RE

Quant Time: Mar 28 03:52:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 02:45:06 2019
Response via : Initial Calibration



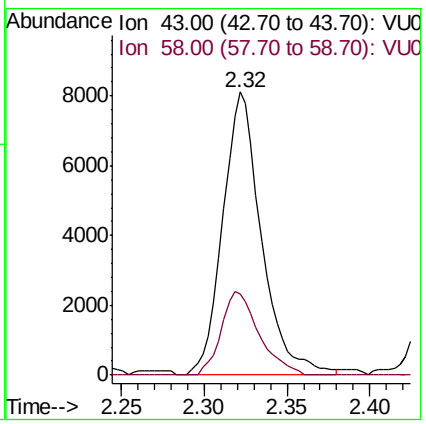


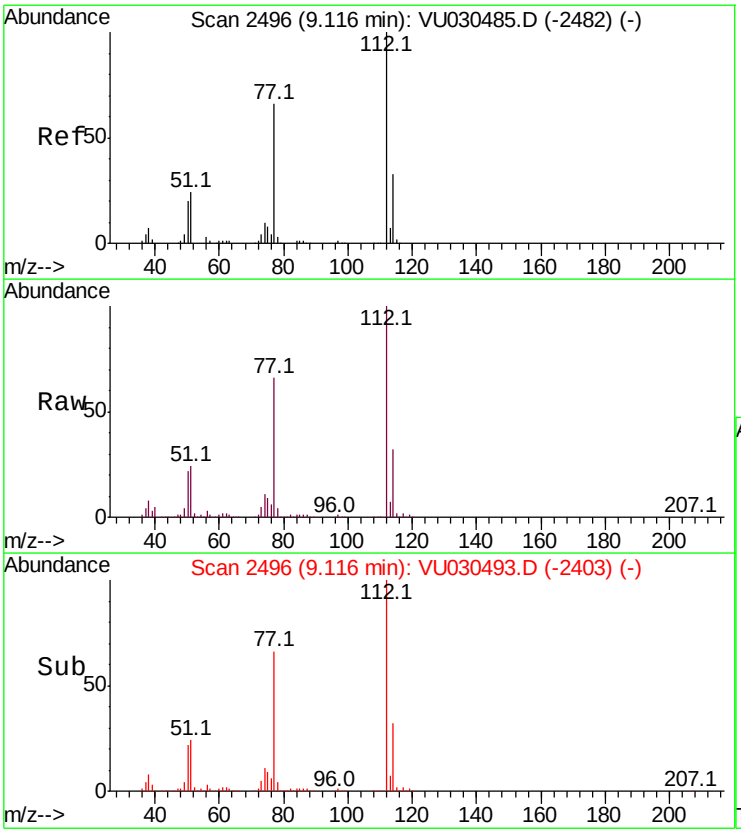
#13
Acetone
Concen: 4.073 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU030493.D
Acq: 27 Mar 2019 19:07

Instrument :
MSVOA_U
ClientSampleId :
C09C7RE

Tgt Ion: 43 Resp: 13213

Ion	Ratio	Lower	Upper
43	100		
58	28.6	0.0	62.8

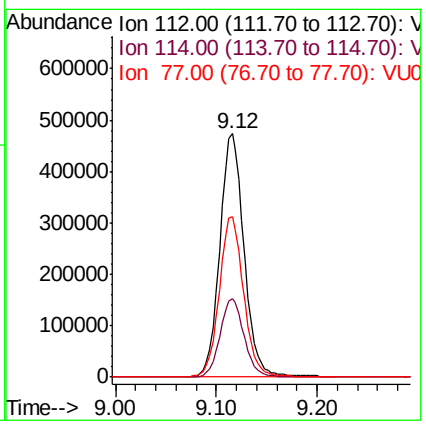


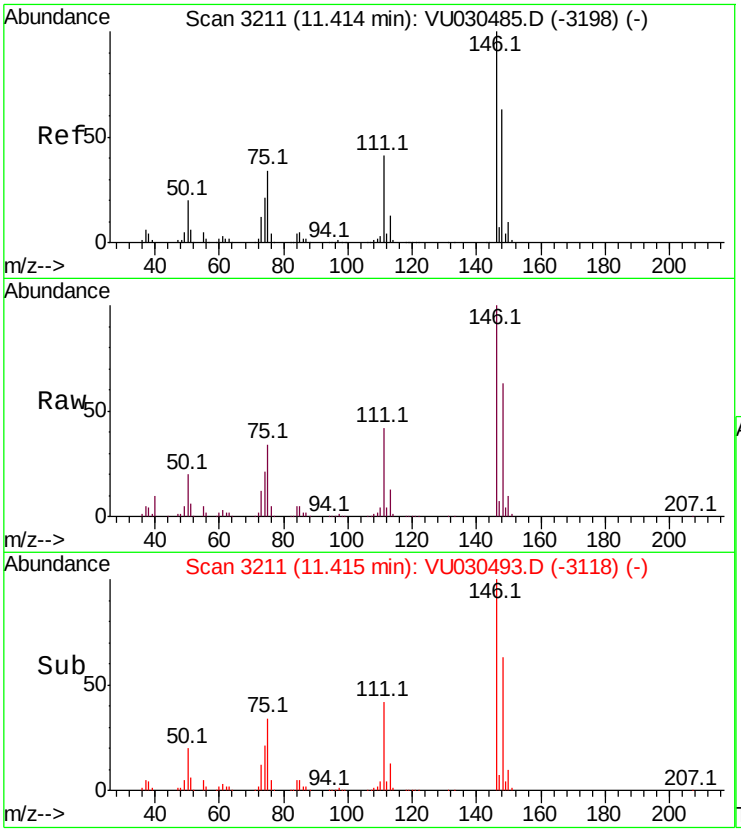


#51
Chlorobenzene
Concen: 91.259 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU030493.D
Acq: 27 Mar 2019 19:07

Tgt Ion:112 Resp: 796957

Ion	Ratio	Lower	Upper
112	100		
114	32.4	21.5	39.9
77	65.8	51.4	77.0



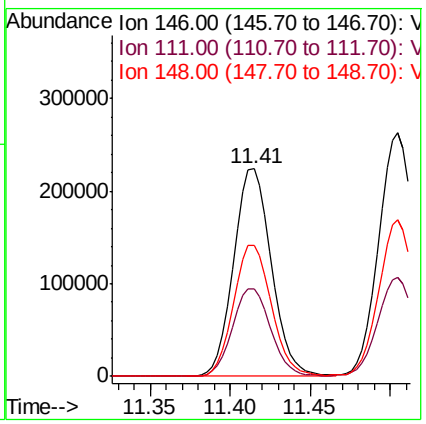


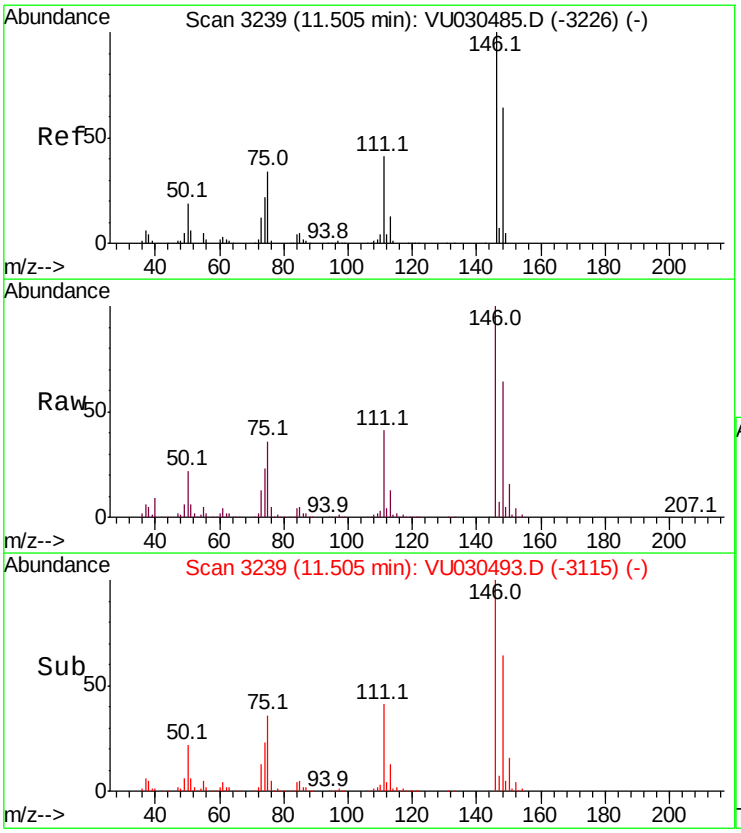
#62
1,3-Dichlorobenzene
Concen: 60.203 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: VU030493.D
Acq: 27 Mar 2019 19:07

Instrument :
MSVOA_U
ClientSampleId :
C09C7RE

Tgt Ion:146 Resp: 360365

Ion	Ratio	Lower	Upper
146	100		
111	42.1	29.2	54.2
148	63.3	44.4	82.4

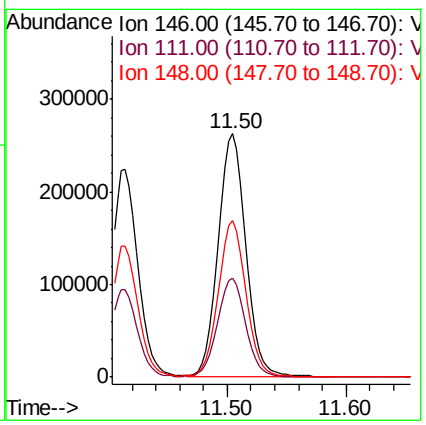


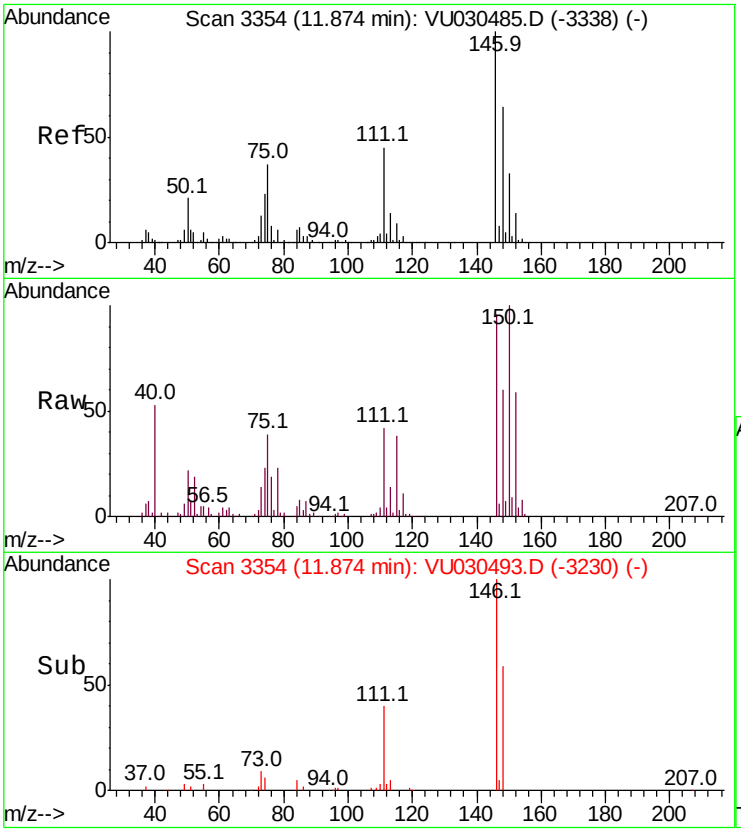


#63
1,4-Dichlorobenzene
Concen: 68.491 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU030493.D
Acq: 27 Mar 2019 19:07

Tgt Ion:146 Resp: 422062

Ion	Ratio	Lower	Upper
146	100		
111	40.8	28.7	53.3
148	64.1	44.3	82.3



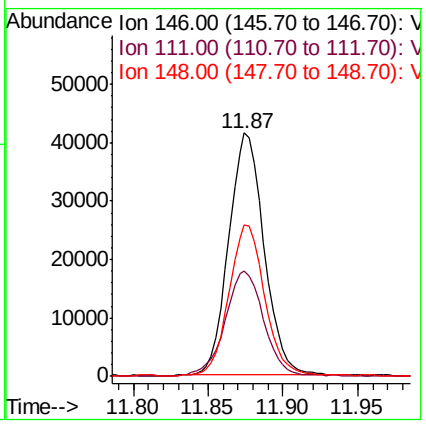


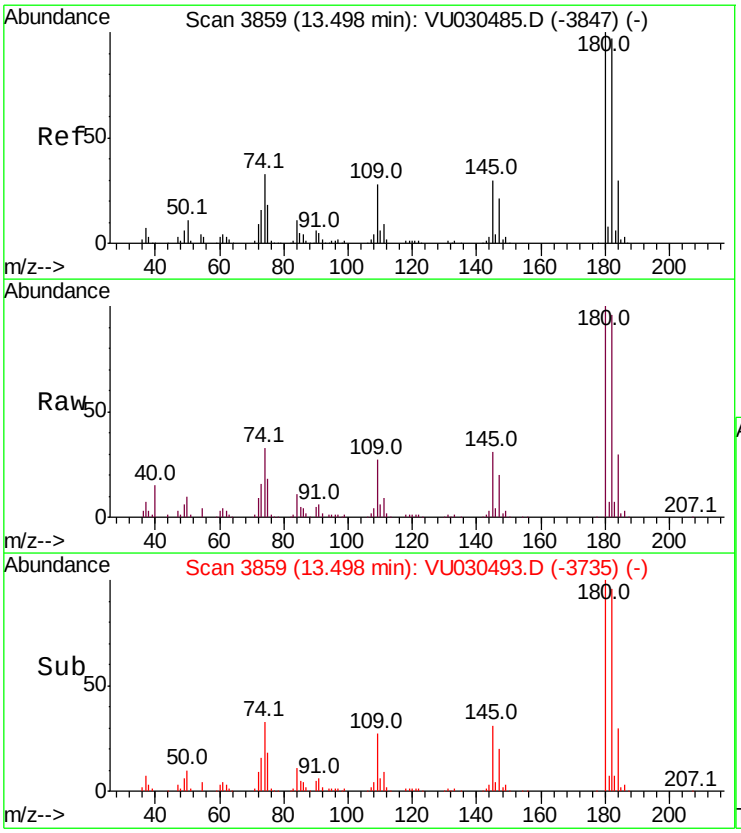
#65
1,2-Dichlorobenzene
Concen: 11.313 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. 0.00 min
Lab File: VU030493.D
Acq: 27 Mar 2019 19:07

Instrument :
MSVOA_U
ClientSampleId :
C09C7RE

Tgt Ion:146 Resp: 68475

Ion	Ratio	Lower	Upper
146	100		
111	43.2	34.9	52.3
148	62.3	51.2	76.8

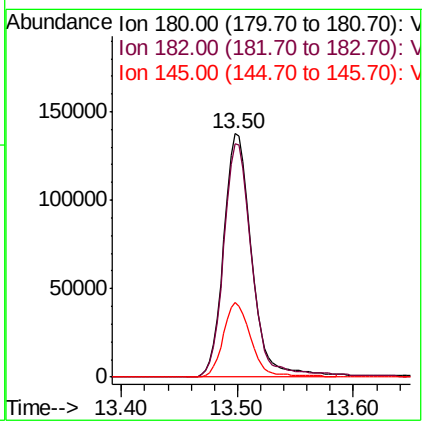


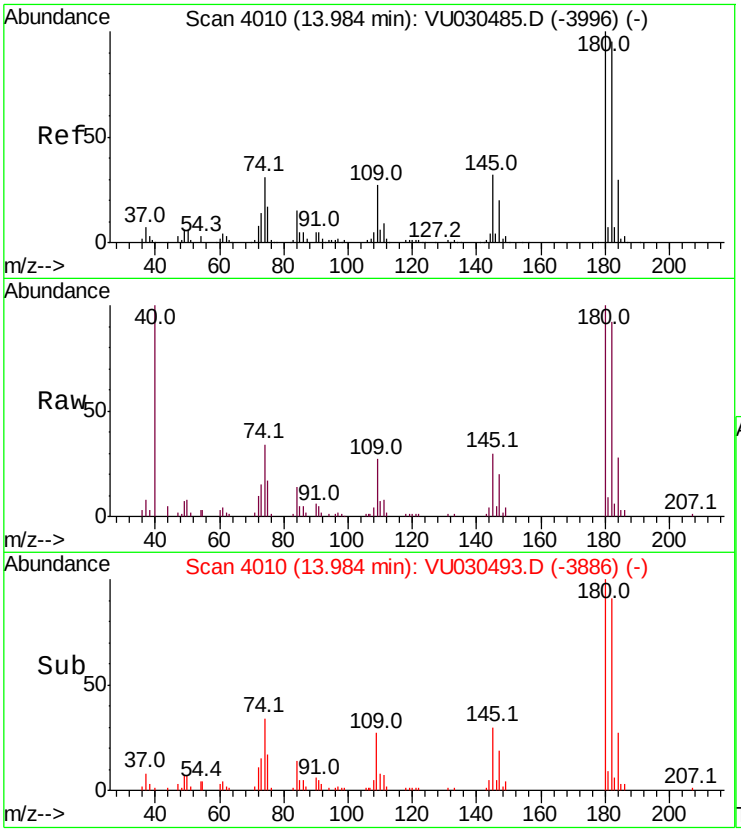


#68
1,2,4-trichlorobenzene
Concen: 59.501 ug/L
RT: 13.50 min Scan# 3859
Delta R.T. 0.00 min
Lab File: VU030493.D
Acq: 27 Mar 2019 19:07

Tgt Ion:180 Resp: 231673

Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.1	114.1
145	29.3	24.5	36.7





#70
1,2,3-Trichlorobenzene
Concen: 9.953 ug/L
RT: 13.98 min Scan# 4010
Delta R.T. 0.00 min
Lab File: VU030493.D
Acq: 27 Mar 2019 19:07

Instrument :
MSVOA_U
ClientSampleId :
C09C7RE

Tgt Ion:180 Resp: 40920

Ion	Ratio	Lower	Upper
180	100		
182	89.7	77.4	116.2
145	31.1	25.9	38.9