Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032519\

Quantitation Report (Not Reviewed)

Data File : VU030406.D
Acq On : 25 Mar 2019 16:44
Operator : JC/SP
Sample : K2065-23
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Time: Mar 26 01:29:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	409856	50.00 ug/L	0.00
28) Chlorobenzene-d5	9.09	117	386656	50.00 ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	161362	50.00 ug/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc Units	Dev(Min)
4) Vinyl Chloride-d3	1.40	65	161970	49.11 ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.22%		
7) Chloroethane-d5	1.67	69	131827	50.42 ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.84%		
11) 1,1-Dichloroethene-d2	2.27	63	228076	36.45 ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.90%		
21) 2-Butanone-d5	4.18	46	324307	104.59 ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.59%		
24) Chloroform-d	4.64	84	274047	48.22 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.44%		
26) 1,2-Dichloroethane-d4	5.31	65	187499	50.42 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.84%		
32) Benzene-d6	5.34	84	556864	50.22 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.44%		
36) 1,2-Dichloropropane-d6	6.33	67	198857	52.42 ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.84%		
41) Toluene-d8	7.56	98	477498	47.95 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.90%		
43) trans-1,3-Dichloropropene-	7.85	79	86837	48.68 ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.36%		
47) 2-Hexanone-d5	8.31	63	220140	107.08 ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.08%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	269813	49.70 ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.40%		
64) 1,2-Dichlorobenzene-d4	11.86	152	159047	49.19 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.38%		

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
12) 1,1-Dichloroethene	2.26	96	1846	0.630 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	3333	0.706 ug/L #	48
48) 2-Hexanone	8.37	43	5554	1.080 ug/L #	54
51) Chlorobenzene	9.12	112	10013	1.209 ug/L	93
59) 1,2,3-Trichloropropane	11.48	75	23047	5.069 ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	7759	1.428 ug/L	88
65) 1,2-Dichlorobenzene	11.88	146	7695	1.442 ug/L	87

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

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VHBLK01

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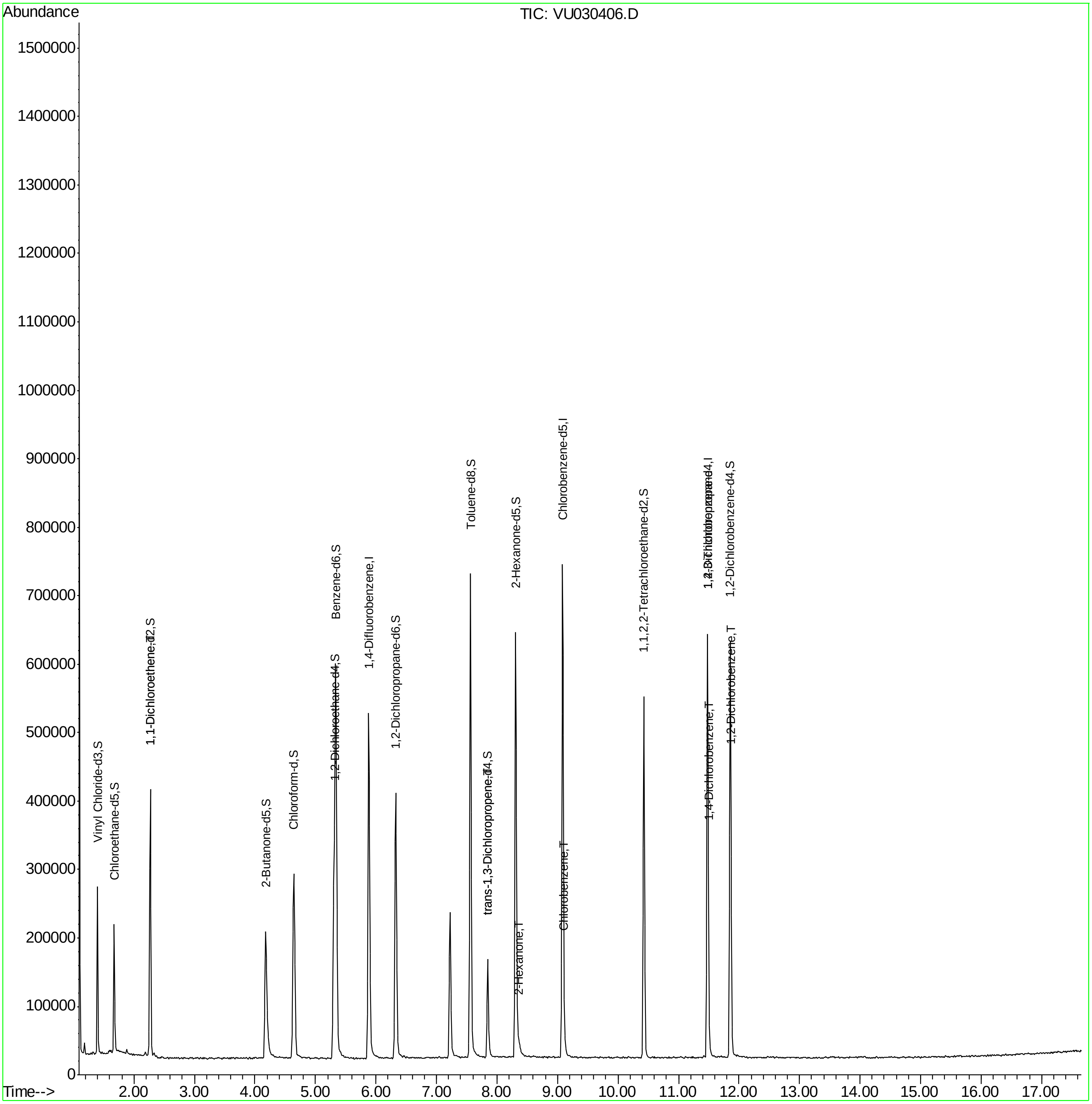
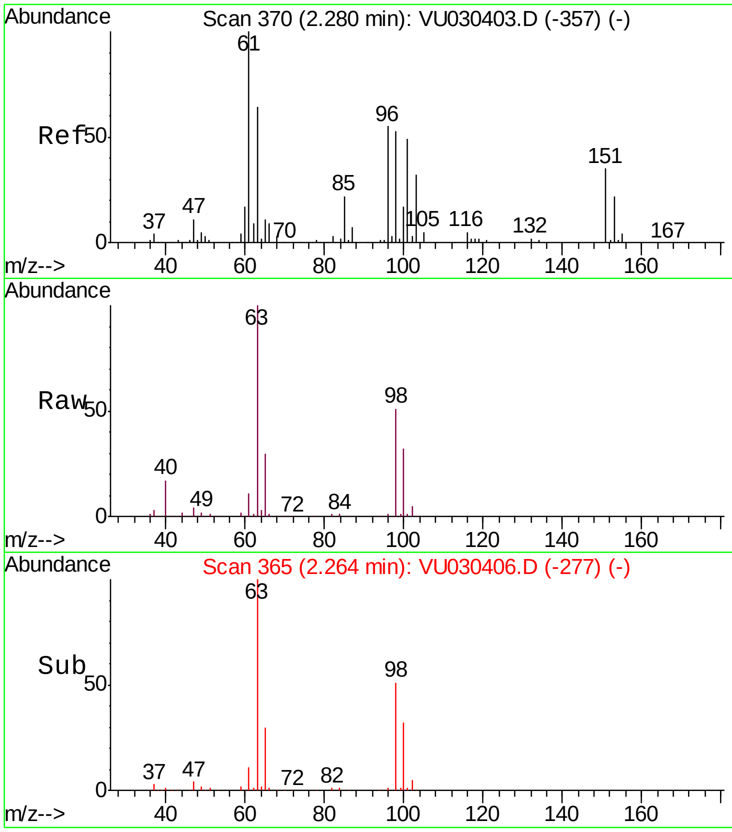
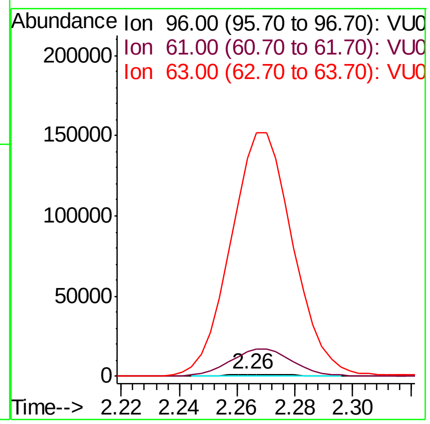
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration





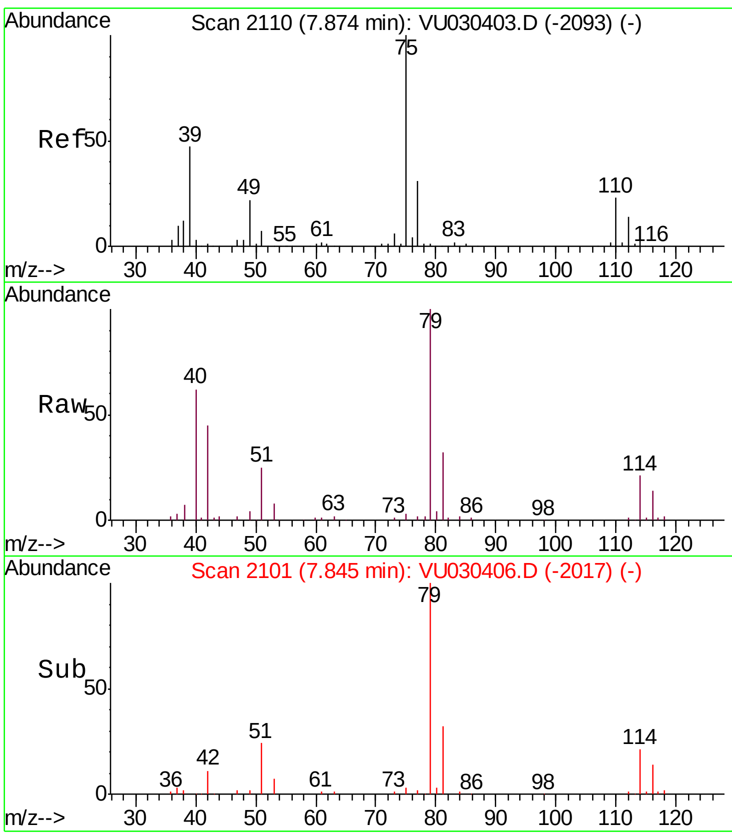


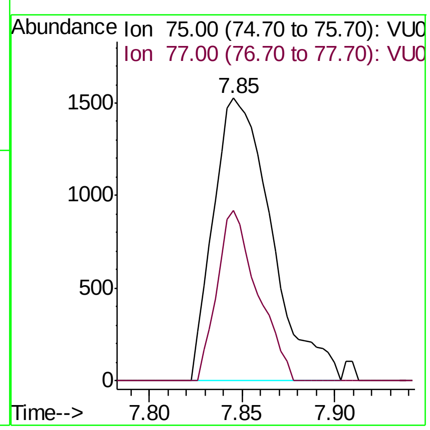
#12
1,1-Dichloroethene
Concen: 0.630 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.02 min
Lab File: VU030406.D
Acq: 25 Mar 2019 16:44

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Tgt Ion: 96 Resp: 1846

Ion	Ratio	Lower	Upper
96	100		
61	1353.8	131.0	243.4#
63	11941.1	92.4	171.6#

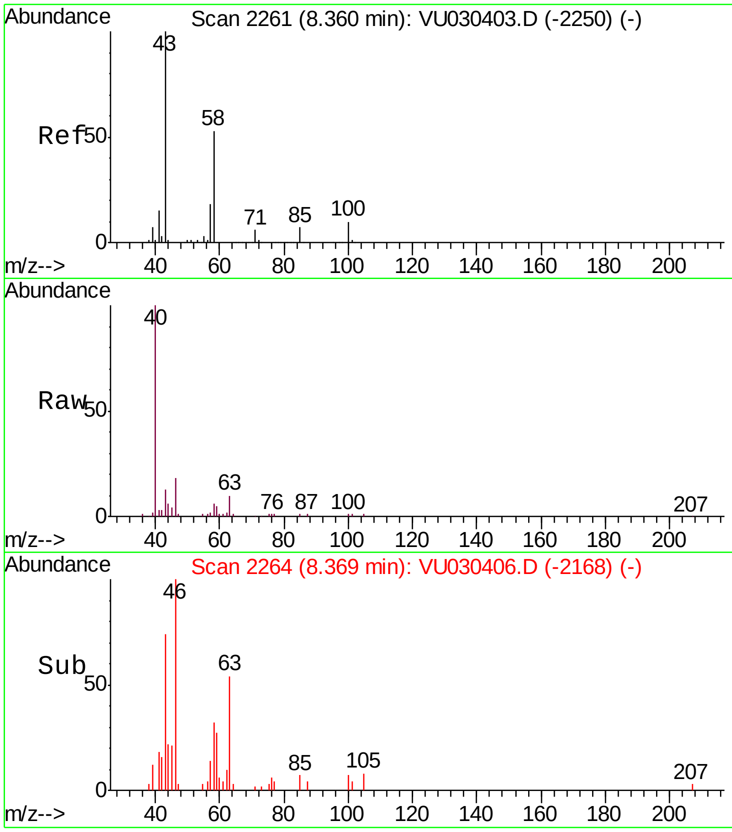




#44
trans-1,3-Dichloropropene
Concen: 0.706 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030406.D
Acq: 25 Mar 2019 16:44

Tgt Ion: 75 Resp: 3333

Ion	Ratio	Lower	Upper
75	100		
77	60.4	22.0	40.8#

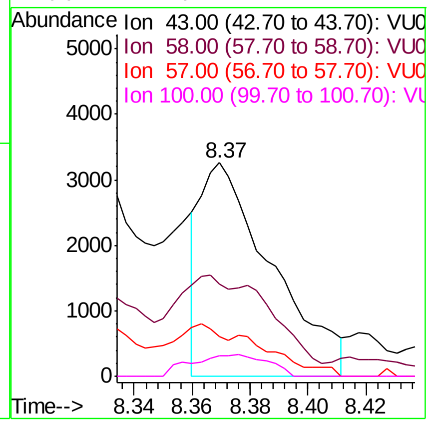


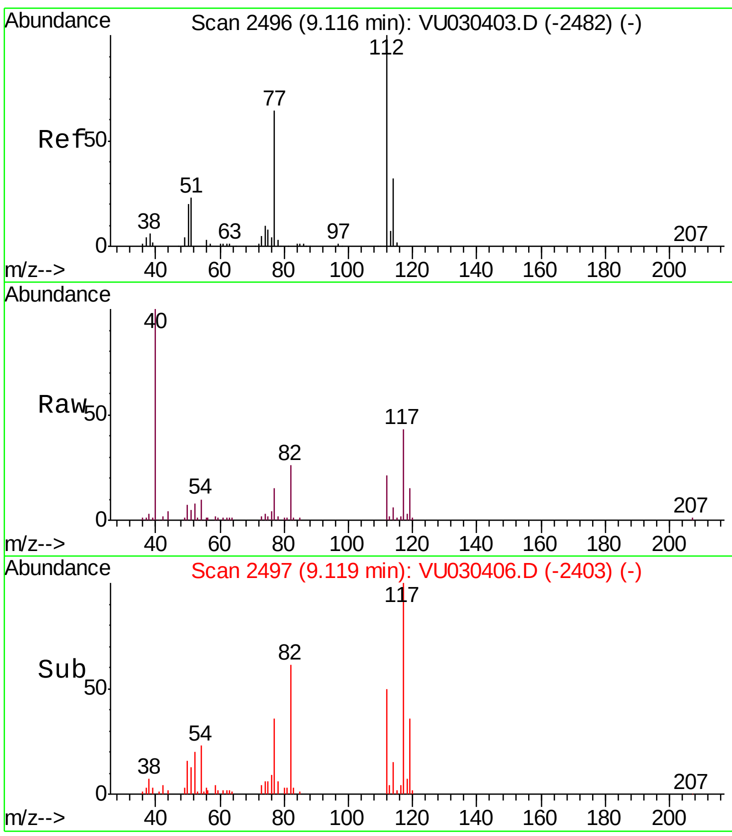
#48
2-Hexanone
Concen: 1.080 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU030406.D
Acq: 25 Mar 2019 16:44

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 5554

Ion	Ratio	Lower	Upper
43	100		
58	13.6	42.5	63.7#
57	5.1	15.0	22.6#
100	2.0	7.4	11.2#

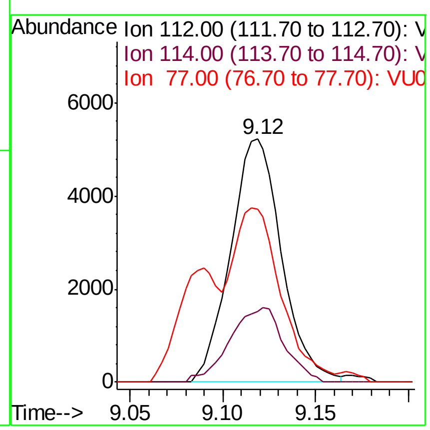




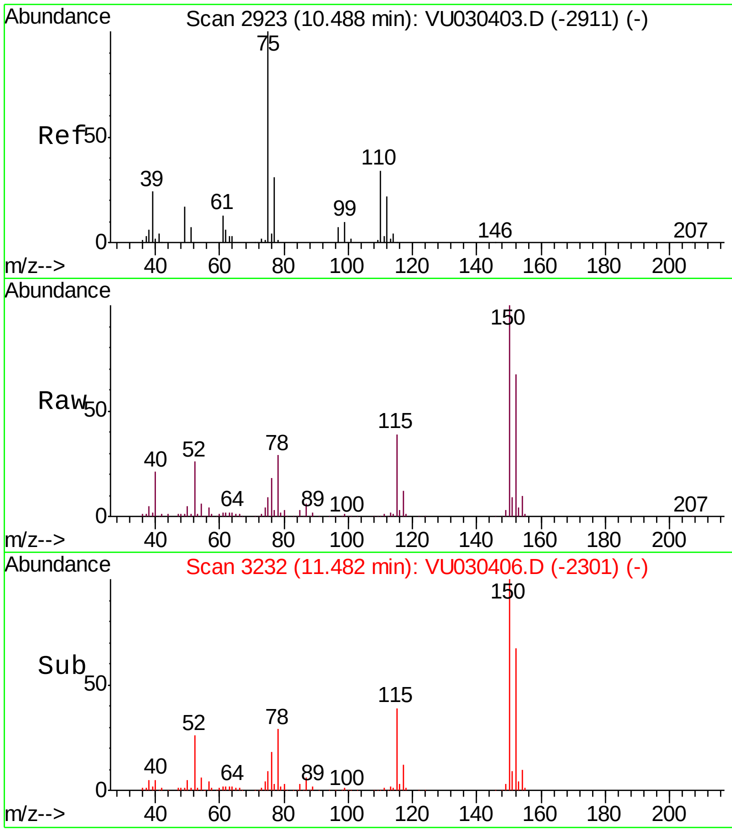
#51
Chlorobenzene
Concen: 1.209 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU030406.D
Acq: 25 Mar 2019 16:44

Tgt Ion:112 Resp: 10013

Ion	Ratio	Lower	Upper
112	100		
114	29.3	21.5	39.9
77	71.3	51.4	77.0



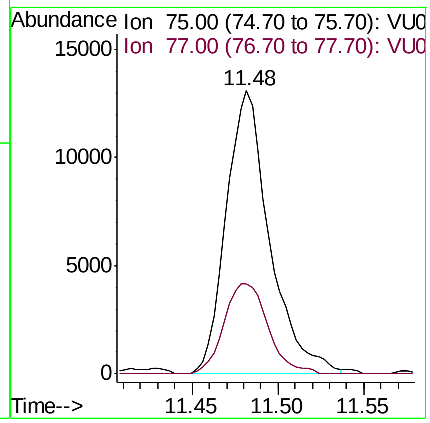
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

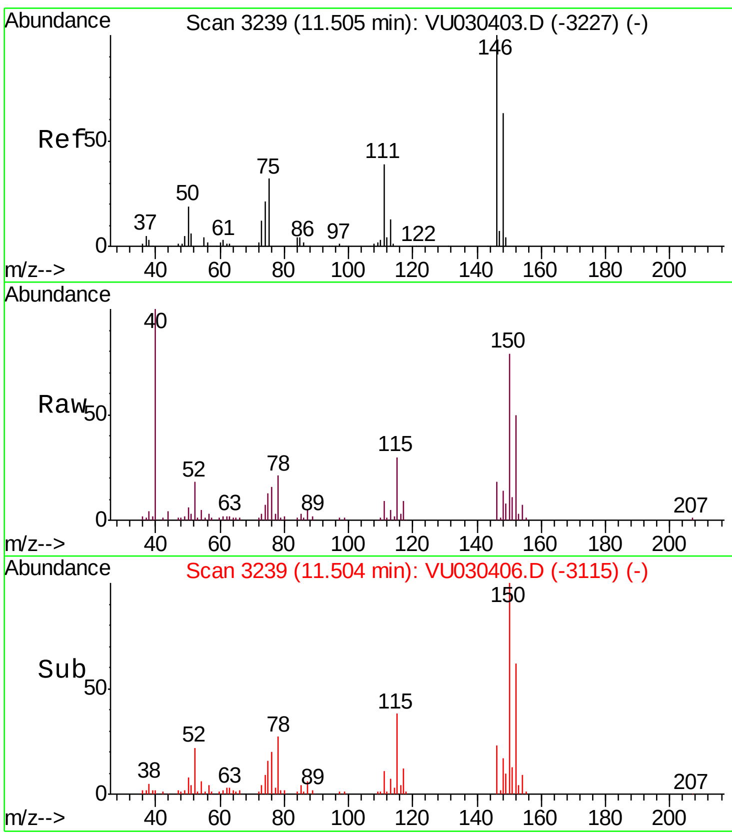


#59
1,2,3-Trichloropropane
Concen: 5.069 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030406.D
Acq: 25 Mar 2019 16:44

Tgt Ion: 75 Resp: 23047

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.4	38.2

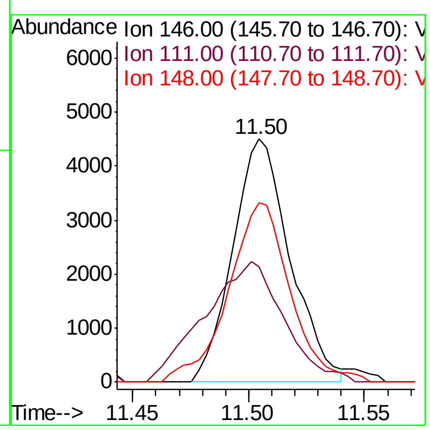


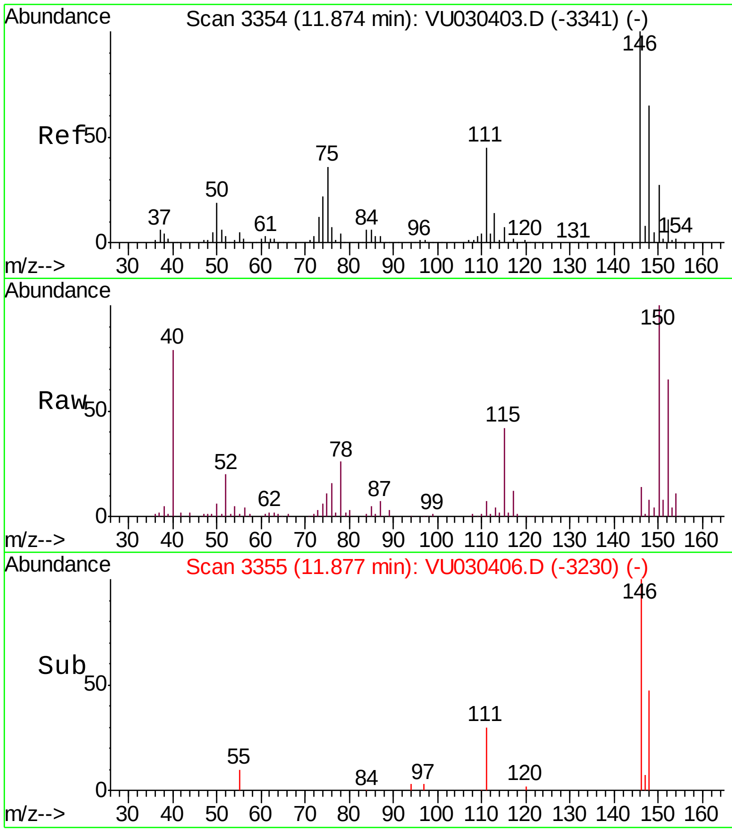


#63
1,4-Dichlorobenzene
Concen: 1.428 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VU030406.D
Acq: 25 Mar 2019 16:44

Tgt Ion:146 Resp: 7759

Ion	Ratio	Lower	Upper
146	100		
111	47.5	28.7	53.3
148	73.8	44.3	82.3





#65
1,2-Dichlorobenzene
Concen: 1.442 ug/L
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU030406.D
Acq: 25 Mar 2019 16:44

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Tgt Ion:146 Resp: 7695

Ion	Ratio	Lower	Upper
146	100		
111	51.1	34.9	52.3
148	53.7	51.2	76.8